

Session	(Abstract ID) Author	Presentation ID	Abstract title
Analytical Chemistry (AN)	(ID127) Pattanapong Thangsunan	AN-O-001	An Affimer-based impedimetric biosensor for detection of human fibroblast growth factor receptor 3 (FGFR3): the new analytical platform for early diagnosis of bladder cancer
Analytical Chemistry (AN)	(ID582) Tamotsu Zako	AN-O-002	Ultrasensitive bio-detection using single-molecule observation of target-induced gold nanoparticles aggregation
Analytical Chemistry (AN)	(ID1276) Autchara Paukpol	AN-O-003	Evaluation of phytoremediation of cadmium and lead in contaminated soil using sequential extraction and greener anodic stripping voltammetry with monosegmented flow analysis
Analytical Chemistry (AN)	(ID1983) Phoonthawee Saetear	AN-O-004	Size determination of polysaccharides using Taylor dispersion analysis with backscattering interferometric detection
Analytical Chemistry (AN)	(ID2151) Sujittra Poorahong	AN-O-005	Efficient hydrogen evolution based on bidding-free molybdenum diselenide catalyst
Analytical Chemistry (AN)	(ID1988) Rongjun Liu	AN-O-006	Design of a new near-infrared ratiometric fluorescent nanoprobe for real-time imaging superoxide anion and hydroxyl radical in live cells and in situ tracing inflammation process in vivo
Analytical Chemistry (AN)	(ID520) Hikmanita Lisan Nashukha	AN-O-007	Determination of mercury(II) by using membraneless gas-separation microfluidic paper-based analytical device (MBL-GS- μ PAD)
Analytical Chemistry (AN)	(ID2278) Thitirat Putnin	AN-O-008	Highly sensitive simultaneous multiple electrochemical immunoassay based on poly(ethylenimine)-gold nanoparticles for determination of cancer biomarkers
Analytical Chemistry (AN)	(ID286) Tik Ouiram	AN-O-009	The immunosensors development for tumor marker based on functionalization of gold nanowires-chitosan cross-linked carbon nanotube
Analytical Chemistry (AN)	(ID1454) Wanpen Khongpet	AN-O-010	Development of hydrodynamic sequential injection system for determination of phosphate and ammonium in natural water

Analytical Chemistry (AN)	(ID164) Hua Quoc Trung	AN-O-011	Flow control - based 3D μ PADs for organophosphate pesticide detection
Analytical Chemistry (AN)	(ID524) Muhammad Hatta Prabowo	AN-O-012	Development of paper based analytical device for dengue diagnostic
Analytical Chemistry (AN)	(ID1604) Jamal Al Riyami	AN-O-013	Cross linked silica with chitosan as new sorbent for copper ions
Analytical Chemistry (AN)	(ID2281) Saiphon Chanpaka	AN-O-014	Downscaling ion-association solvent extraction for tetracycline determination with RGB color detection system
Analytical Chemistry (AN)	(ID791) Yuta Miki	AN-O-015	Development of novel solid phase extraction adsorbent for hydrophilic compounds
Analytical Chemistry (AN)	(ID295) Sathita Taksadej	AN-O-016	Surface-enhanced raman scattering technique for polycyclic aromatic hydrocarbons detection using thiol-functionalized silver nanoparticle films
Analytical Chemistry (AN)	(ID1515) Suphawuth Siriket	AN-O-017	Facile Cd-free quantum dots as electrochemiluminescence enhancer: synthesis, characterization and applications
Analytical Chemistry (AN)	(ID1729) Wim Cuypers	AN-O-018	A novel molecular imprinting approach for lysozyme detection
Analytical Chemistry (AN)	(ID160) Lalana Sakwises	AN-P-001	SnO ₂ and bacterial cellulose nanofiber based composite as a novel platform for nickel ion adsorption
Analytical Chemistry (AN)	(ID215) Chochanon Moonla	AN-P-002	Development of H ₂ O ₂ biosensor based on nickel ferrite and gold nanocomposites
Analytical Chemistry (AN)	(ID232) Chantarattana Nontapha	AN-P-003	Glucose biosensor based on nickel ferrite composite materials modified glassy carbon electrode
Analytical Chemistry (AN)	(ID344) Aunyarut Paisanpisuttisin	AN-P-004	The synthesis of setal/PDDA/rGO catalyst for detection of nitrite in meat products
Analytical Chemistry (AN)	(ID707) Pathaporn Temcheon	AN-P-005	Synthesis of mesoporous carbon for a determination of capsaicin

Analytical Chemistry (AN)	(ID853) Jariya Khajonklin	AN-P-006	Electrochemical determination of histamine using glassy carbon electrodes modified with silver oxide on multiwall carbon nanotubes
Analytical Chemistry (AN)	(ID1102) Siriboon Mukdasai	AN-P-007	Electrochemical determination of <i>L</i> -tryptophan and <i>L</i> -histidine using β -cyclodextrin incorporated with multi-walled carbon nanotubes modified electrode
Analytical Chemistry (AN)	(ID1148) Nongyoo Nontawong	AN-P-008	Fabrication of a three-dimensional(3D) paper-based electrochemical device for detection of dopamine and uric acid in the presence of ascorbic acid
Analytical Chemistry (AN)	(ID1275) Sodkaneung Dachpanya	AN-P-009	Perchlorate analysis of vegetables grown in Chiang Rai, Thailand
Analytical Chemistry (AN)	(ID2295) Jaron Jakmune	AN-P-010	Voltammetric sandwich immunosensor with silver nanoprobe for determination of prostate specific antigen (PSA)
Analytical Chemistry (AN)	(ID2275) Sopit Phetsang	AN-P-011	A single step electrochemical modification of screen printed carbon electrode with platinum/reduced graphene oxide/poly(3-aminobenzoic acid) for biosensing applications
Analytical Chemistry (AN)	(ID2127) Kritsada Samosorn	AN-P-012	Non-enzymatic electrochemical glucose sensor based on palladium nanoparticles-graphene oxide (PdNPs-GO) modified electrode
Analytical Chemistry (AN)	(ID2125) Vacharachai Khunseeraksa	AN-P-013	Cathodic stripping voltammetry of iodide using laboratory-made silver electrode
Analytical Chemistry (AN)	(ID1990) Nuttapol Kesangam	AN-P-014	Selective electrochemical sensor based on molecularly imprinted polymer on the surface of carbon nanotubes for determination of profenofos
Analytical Chemistry (AN)	(ID235) Naoya Kakiuchi	AN-P-015	High throughput titration by feedback-based flow ratiometry and its application to analyses of drugs in Japanese pharmacopoeia
Analytical Chemistry (AN)	(ID290) Hideji Tanaka	AN-P-016	Flow titrimetry based on air-segmented flow ratiometry controlled with feedback-based/fixed triangular waves

Analytical Chemistry (AN)	(ID392) Dechen Pelden	AN-P-017	Development of simultaneous injection effective mixing analysis system for determination of phosphate
Analytical Chemistry (AN)	(ID687) Apichart Boonmalai	AN-P-018	A flow injection analysis system for the determination of total iron in local groundwater samples
Analytical Chemistry (AN)	(ID1110) Natta Jaikrajang	AN-P-019	Green chemistry approach: flow-based system and bioreagent for water quality control
Analytical Chemistry (AN)	(ID1358) Naruhisa Sakuda	AN-P-020	Simultaneous detections with uv and vis for total nitrogen in water samples by flow injection analysis
Analytical Chemistry (AN)	(ID1132) Sodsai Puchum	AN-P-021	Titration using thread-based analytical device
Analytical Chemistry (AN)	(ID1152) Suthathip Thongrod	AN-P-022	A 'contact stamping' microfluidic paper-based analytical device for determination of creatinine using camera phone and standard addition approach
Analytical Chemistry (AN)	(ID1198) Anukool Khammona	AN-P-023	A low cost device for colorimetric determination of salicylic acid
Analytical Chemistry (AN)	(ID1219) Pannipa Pawanna	AN-P-024	The study of tannic acid as chelating agent for guidelines to produce iron test kit
Analytical Chemistry (AN)	(ID1228) Patawee Leepitakrat	AN-P-025	Simple DPPH paper-based method for antioxidant activity by distance-based monitoring
Analytical Chemistry (AN)	(ID1230) Lalida Chanchaem	AN-P-026	Colorimetric method development for screening of <i>alpha</i> -glucosidase inhibitors from plant extract
Analytical Chemistry (AN)	(ID1289) Yosita Kiowkrathok	AN-P-027	A green spectrophotometric method for tyramine determination by reaction with the red cabbage anthocyanin-based extract
Analytical Chemistry (AN)	(ID1293) Lalita Jantraukrit	AN-P-028	Salicylic acid in food measured with a home-made spectrometer
Analytical Chemistry (AN)	(ID1339) Suphakorn Katib	AN-P-029	Development of microfluidic devices for determination of total cholesterol in blood
Analytical Chemistry (AN)	ID1359) Chadathan Ruensen	AN-P-030	A green and cost-effective approach for detection of cyanide ions by the reaction of butterfly pea anthocyanin extract

Analytical Chemistry (AN)	(ID1396) Tharaphan Youkhong	AN-P-031	Aqueous copper(II) measurement by smart phone photometry
Analytical Chemistry (AN)	(ID1704) Sasithorn Muncharoen	AN-P-032	A visible spectrophotometric method for copper(II) analysis by using diethyldithiocarbamate ligand
Analytical Chemistry (AN)	(ID1933) Supitcha Thammajinno	AN-P-033	Colorimetric sensor for hydrogen sulfide
Analytical Chemistry (AN)	(ID1995) Warinporn Chungchai	AN-P-034	Highly sensitive colorimetric detection of organophosphate pesticides using <i>L</i> -cysteine modified gold nanoparticles
Analytical Chemistry (AN)	(ID2079) Panida Seetawan	AN-P-035	Novel charged iridium(III) complexes for colorimetric butylamine sensor
Analytical Chemistry (AN)	(ID1579) Nuthaporn Malahom	AN-P-036	Simple and rapid thread-based analytical device for monitoring chloride in environmental and food samples
Analytical Chemistry (AN)	(ID1693) Natthaya Siangdee	AN-P-037	Development of cotton swab test kit for 2,4,6-trinitrotoluene detection
Analytical Chemistry (AN)	(ID1913) Sunisa Meenon	AN-P-038	Fabrication of a paper test for detection of lead
Analytical Chemistry (AN)	(ID1742) Phannika Raksawong	AN-P-039	Optosensor based on molecularly imprinted polymer coated quantum dots nanoparticles for the determination of ampicillin
Analytical Chemistry (AN)	(ID2174) Pradthana Sianglam	AN-P-040	New strategy for fabrication of highly sensitive fluorescence sensor based cadmium sulfide quantum dots for detection of Hg ²⁺
Analytical Chemistry (AN)	(ID2198) Yuwapon Uppa	AN-P-041	A new fluorescent sensor for dopamine detection via the generation of silver nanoparticles
Analytical Chemistry (AN)	(ID389)	AN-P-042	Dual activated fluorescent probes

	Maria L. Odyniec		
Analytical Chemistry (AN)	(ID429) Sureerat Makmuang	AN-P-043	Determination of glucose in non-alcoholic beverages using near infrared spectroscopy combined with chemometrics
Analytical Chemistry (AN)	(ID2150) Sawarin Sooksin	AN-P-044	A new fluorescent sensor based nitrogen-doped carbon dots for Al ³⁺ detection
Analytical Chemistry (AN)	(ID1342) Sophon Hem	AN-P-045	An effective enrichment method using cationic surfactant couple to high performance liquid chromatographic determination of polycyclic aromatic hydrocarbons
Analytical Chemistry (AN)	(ID2339) Kalaya Changkrueng	AN-P-046	Solid phase extraction of uranium and thorium from various multi-element standard solution and geological sample
Analytical Chemistry (AN)	(ID2332) Suthasinee Boonchiangma	AN-P-047	Determination of pesticide residues by dispersive liquid-liquid microextraction coupled to high performance liquid chromatography
Analytical Chemistry (AN)	(ID2222) Pattamaporn Klongklaew	AN-P-048	A composite octadecyl/graphene oxide/chitosan cryogel sorbent for extraction and determination of pesticides in fruit juices
Analytical Chemistry (AN)	(ID1977) Supachai Nampho	AN-P-049	Determination of volatile oils in <i>Cymbopogon citratus</i> and <i>Eucalyptus globule</i> Labill
Analytical Chemistry (AN)	(ID1920) Titiwan Changsan	AN-P-050	A polyaniline-chitosan bead sorbent for parabens extraction
Analytical Chemistry (AN)	(ID1910) Woraphot Wanichalanant	AN-P-051	Hydrophilic interaction liquid chromatography (HILIC) with diode array detection for determination of phenylalanine and tyrosine in dietary supplements
Analytical Chemistry (AN)	(ID1903) Khwankaew Moyakao	AN-P-052	Application of montmorillonite clay in micro-solid phase extraction followed by HPLC for the determination neonicotinoid insecticides
Analytical Chemistry (AN)	(ID1900) Anuwat	AN-P-053	Gas chromatography for quantitative analysis of paracetamol and its impurities in paracetamol tablet

	Ratsamisomsi		
Analytical Chemistry (AN)	(ID1897) Nichapat Chunin	AN-P-054	A polyaniline/pencil lead solid phase microextractor for trace phthalate esters
Analytical Chemistry (AN)	(ID1891) Patanasak Rodphai	AN-P-055	A fast gas chromatographic method for determination of GABA without derivatization
Analytical Chemistry (AN)	(ID1862) Supaporn Sangsrichan	AN-P-056	Chemical composition of flavor in <i>Russula virescens</i> Fr. by gas chromatography-mass spectrometry
Analytical Chemistry (AN)	(ID1748) Piyaluk Nurerk	AN-P-057	A hybrid solid phase extraction sorbent for the extraction and determination of aflatoxins in corn
Analytical Chemistry (AN)	(ID1565) Suchawadee Insawang	AN-P-058	Analysis of volatile components in Arabica coffee roasted at different temperatures by using solid phase microextraction-gas chromatography-mass spectrometry
Analytical Chemistry (AN)	(ID1561) Pamornrat Kueseng	AN-P-059	Preparation of silica nanoparticles/polydimethylsiloxane 96-thin film solid-phase microextraction for extraction of herbicides
Analytical Chemistry (AN)	(ID1453) Chonlada Dechakiatkrai Theerakarunwong	AN-P-060	Impact of phenol extracted from <i>Ocimum sanctum</i> on <i>E-coli</i> anti-bacterial activity
Analytical Chemistry (AN)	(ID1438) Varaporn Paradamit	AN-P-061	Modified silica gel for practical preparative chromatographic resolution of <i>D, L</i> -aspartic and glutamic acid derivatives
Analytical Chemistry (AN)	(ID1387) Apinya Navakhun	AN-P-062	Extraction and preconcentration method for trace Pb determination by uv-visible spectrophotometry
Analytical Chemistry (AN)	(ID1379)	AN-P-063	Determination of aldehydes and acetone using a pre-column

	Hiroki Kato		derivatization HPLC coupled with simultaneous injection effective mixing flow analysis system
Analytical Chemistry (AN)	(ID1377) Masanori Adachi	AN-P-064	Adsorption behavior of 2,3-diaminonaphthalene and its complex with selenium on reversed-phase/cation-exchange modes solid phase extraction sorbent
Analytical Chemistry (AN)	(ID1327) Netsirin Gissawong	AN-P-065	A simple liquid phase microextraction of tetracyclines using mixed cationic surfactants
Analytical Chemistry (AN)	(ID1895) Suntisak Khumngern	AN-P-066	Non-enzymatic electrochemical detection of glucose based on copper foam modified on copper wire
Analytical Chemistry (AN)	(ID1892) Patcharee Pakhate	AN-P-067	An electrochemical sensor based on graphene and hemin composites for the determination of carbaryl
Analytical Chemistry (AN)	(ID1853) Chulalak Damphathik	AN-P-068	Application of electrochemical sensor for the determination of artemisinin in drug and plant samples
Analytical Chemistry (AN)	(ID1916) Jinakan Aksorn	AN-P-069	The development of glucose biosensor based on paper-based analytical device
Analytical Chemistry (AN)	(ID1516) Tanin Tangkuaram	AN-P-070	A development of glucose/oxygen biofuel cell based on glucose oxidase and bilirubin oxidase
Analytical Chemistry (AN)	(ID2325) Chammari Pothipor	AN-P-071	Hollow nanoporous gold nanoparticles for ultrasensitive immunosensing detection of prostate cancer biomarker
Analytical Chemistry (AN)	(ID1809) Sophy Phlay	AN-P-072	Determination of trace levels of Cd(II) and Pb(II) in tap water samples by square wave anodic stripping voltammetry with glassy carbon electrode modified by bismuth, mesoporous silica and 2-mercaptopbenzothiazole

Analytical Chemistry (AN)	(ID2217) Wasin Somboot	AN-P-073	Simple flow injection analysis system with home-made fluorometric detector for ammonium ions determination
Analytical Chemistry (AN)	(ID2092) Tinakorn Kanyanee	AN-P-074	Investigation of using digital multimeter as a simple direct current conductivity detector in flow injection analysis
Analytical Chemistry (AN)	(ID2028) Jongjit Jantra	AN-P-075	An automated flow-injection enzyme-linked immunosorbent assay for the detection of zearalenone
Analytical Chemistry (AN)	(ID1849) Napaporn Youngvises	AN-P-076	Reverse flow-injection analysis for determination of cinnarizine in pharmaceuticals using permanganate
Analytical Chemistry (AN)	(ID212) Titikan Somboon	AN-P-077	Simple procedure for quantifying gallic acid by chemical clock reaction
Analytical Chemistry (AN)	(ID245) Sarawut Somnam	AN-P-078	Turbidimetric method for the determination of sulphate using a smartphone as detection
Analytical Chemistry (AN)	(ID246) Miki Kanna	AN-P-079	Application of smartphone as colorimetric detector for the kinetic determination of nitrite
Analytical Chemistry (AN)	(ID500) Jiraporn Leanpolchareanchai	AN-P-080	Development of microfluidic paper-based analytical devices and its applications for pharmaceutical analysis
Analytical Chemistry (AN)	(ID588) Piyawan Phansi	AN-P-081	Free radical scavenging of vegetables from local market in Lopburi province
Analytical Chemistry (AN)	(ID857) Narumon Wannasri	AN-P-082	Polyvinyl alcohol coated cellulose paper as paper-based test kit for hydroquinone detection using silver nanoparticles
Analytical Chemistry (AN)	(ID1046) Aurachat Lert-itthiporn	AN-P-083	Facile immunoassay for colorimetric detection of parathyroid hormone based on aggregation of gold nanoparticles
Analytical Chemistry (AN)	(ID1077) Arjnarong Mathaweensansurn	AN-P-084	Label-free gold nanoparticles for spectrophotometric determination of creatinine in urine
Analytical Chemistry (AN)	(ID1113)	AN-P-085	Paper-based ammonia gas sensor using zinc complex of Eriochrome

	Supa Sangdang		Black T and digital image analysis
Analytical Chemistry (AN)	(ID274) Charuwan Khamkaew	AN-P-086	Extraction efficiency of lead(II) from seaweed <i>Gracilaria fisheri</i> with food additive extractants
Analytical Chemistry (AN)	(ID460) Sirirat Phaisansuthichol	AN-P-087	Ionic liquid dispersive liquid-liquid microextraction method for the determination of Ampicillin in orange juice using LC-MS/MS
Analytical Chemistry (AN)	(ID513) Yaowalak Wimanthong	AN-P-088	Extraction of phenol using poly(styrene- <i>co</i> -divinylbenzene) monolithic bead
Analytical Chemistry (AN)	(ID898) Boonyadist Vongsak	AN-P-089	Validated HPTLC method for simultaneous determination of alpha-mangostin and gamma-mangostin in stingless bee propolis extracts
Analytical Chemistry (AN)	(ID1181) Thapanee Pruksatrakul	AN-P-090	Targeted analysis and profiling of prostaglandins produced by shrimp cyclooxygenase enzyme using ultra high-performance liquid chromatography-tandem mass spectroscopy
Analytical Chemistry (AN)	(ID1184) Korbkarn Khukitirat	AN-P-091	Simultaneous determination of p-coumaric acid and naringenin in honey using dispersive liquid-liquid microextraction and high performance liquid chromatography
Analytical Chemistry (AN)	(ID1277) Jirasak Gamonchuang	AN-P-092	Polyaniline covering zerovalent iron-silica magnetic particle for magnetic solid phase extraction of trace phenolic compound
Analytical Chemistry (AN)	(ID1296) Rodjana Burakham	AN-P-093	Determination of priority phenolic pollutants by vortex-assisted dispersive micro-solid phase extraction via sorbent injection and HPLC
Analytical Chemistry (AN)	(ID1316) Siriket Metarwiwinit	AN-P-094	Use of silica sol as the sorbent for the visual detection of iron(II) ion
Analytical Chemistry (AN)	(ID1907) Patthama Yenamong	AN-P-095	Synthesis carbon nanotubes as a sorbent for solid-phase extraction of formaldehyde in water sample
Analytical Chemistry (AN)	(ID2146)	AN-P-096	Retention behavior of gold nanoparticles in on-line flow field-flow

	Rattaporn Saenmuangchin		fractionation with inductively coupled plasma mass spectrometer
Analytical Chemistry (AN)	(ID2094) Paithoon Prasertying	AN-P-097	Construction of sensor network on pontoon for monitoring of water quality in coastal area of Samut Sakorn province
Analytical Chemistry (AN)	(ID1384) Chantha Kaeosaingoen	AN-P-098	Synthesis of silver nanoparticles with <i>Passiflora edulis Sims</i> peel extract and their sensing of mercurous Ion
Analytical Chemistry (AN)	(ID486) Wongduan Sroysee	AN-P-099	Molecular imprinted polymer for carbofuran detection
Analytical Chemistry (AN)	(ID568) Sira Sansuk	AN-P-100	Utilization of cerium-catalyzed belousov-zhabotinsky oscillatory reaction for determination of methanol
Analytical Chemistry (AN)	(ID1226) Chidchanok Tabtimhin	AN-P-101	Fiber optic sensor based on surface plasmon resonance spectroscopy for determination of atrazine
Analytical Chemistry (AN)	(ID2048) Benjawan Timdee	AN-P-102	Development of latent fingerprints with Lawsone/PVP on thermal paper
Environmental Chemistry and Renewable Energy (EE)	(ID1416) Vituruch Goodwin	EE-O-001	Hydrotreating of pyrolysis oil model compounds with fatty acid and high water content over molybdenum sulfide catalyst supported on titania
Environmental Chemistry and Renewable Energy (EE)	(ID148) Jakkrapong Jitjamnong	EE-O-002	Effect of the Pd-Mg/SiO ₂ on catalytic behavior for partial hydrogenation of soybean oil biodiesel
Environmental Chemistry and Renewable Energy (EE)	(ID441) Sang Dinh Ngo	EE-O-003	Development Ni-Cu supported on modified carbon microspheres catalyst for in-situ pyrolysis and catalytic upgrading of napier grass
Environmental Chemistry and Renewable Energy (EE)	(ID379) Pranuda Jivaganont	EE-O-004	Effects of the processing on properties of biochars from rice husk and rice straw pyrolyzed from 500-1800 °C

Environmental Chemistry and Renewable Energy (EE)	(ID2210) Sari Rautiainen	EE-O-005	Valorization of lignin by cobalt-catalyzed fractionation of lignocellulose
Environmental Chemistry and Renewable Energy (EE)	(ID1273) Nichapat Sitthisuk	EE-O-006	The optimization of esterification reaction for biodiesel production derived from high FFA non-edible oils
Environmental Chemistry and Renewable Energy (EE)	(ID947) Nattawat Nampipat	EE-O-007	Catalytic ethanol dehydration of ethanol to diethyl ether over ZSM-5 catalysts with different Si/Al molar ratios
Environmental Chemistry and Renewable Energy (EE)	(ID2326) Peeravat Tanpadid	EE-O-008	Preparation of silk fibroin/chitosan film and its ability to remove Rhodamine B dye in aqueous solution
Environmental Chemistry and Renewable Energy (EE)	(ID967) Arslan Siddique	EE-O-009	Systematic investigation of biofilm formation of acetogens and methanogens derived from agro-industrial wastewater using microfluidic devices and fabricated biointerface
Environmental Chemistry and Renewable Energy (EE)	(ID2009) Kornkamol Eamsiri	EE-O-010	Neural network control of the direct methanol fuel cell for household applications
Environmental Chemistry and Renewable Energy (EE)	(ID884) Khunnawat Ountaksinkul	EE-O-011	Performance comparison of different membrane micro-channel reactors for methanol production from bio-gas and hydrogen
Environmental Chemistry and Renewable Energy (EE)	(ID1348) Kawisa Chaipojjana	EE-O-012	Development of lignocellulose sugarcane bagasse as a cooperative catalyst in cycloaddition reaction with CO ₂
Environmental Chemistry and Renewable Energy (EE)	(ID822) Nimit Kantiyawong	EE-O-013	Modification of electrodes by diamond-like carbon for electrochemical advanced oxidation of diuron
Environmental Chemistry and Renewable Energy (EE)	(ID57) Pichayatorn Bunkaew	EE-P-001	Optimization and kinetic of growth of the recombinant yeast biomass production

Environmental Chemistry and Renewable Energy (EE)	(ID58) Supatsara Rujanant	EE-P-002	Optimization of oleaginous yeast production by central composite design
Environmental Chemistry and Renewable Energy (EE)	(ID267) Vanida Chairgulprasert	EE-P-003	Adsorption of methylene blue dye from water using <i>Cymbopogon citratus</i>
Environmental Chemistry and Renewable Energy (EE)	(ID273) Chaipat Lapinee	EE-P-004	Synthesis of mesoporous TiO ₂ /Fe ₂ O ₃ bicomposites for scavenging of arsenic
Environmental Chemistry and Renewable Energy (EE)	(ID311) Rungrote Kokoo	EE-P-005	Simulation of in situ removal of ethanol from culture broth using microbubbles
Environmental Chemistry and Renewable Energy (EE)	(ID354) Wachiraporn Kettum	EE-P-006	Upgrading of bio-oil to aromatic hydrocarbon over Ca/Ni-doped 3d cubic boronic acid functionalized KIT-6
Environmental Chemistry and Renewable Energy (EE)	(ID431) Laksanawadee Saikhao	EE-P-007	Surface and cross-sectional comparative study of natural indigo dyed cotton fabrics using Na ₂ S ₂ O ₄ and monosaccharides as reducing agents in different alkaline solutions
Environmental Chemistry and Renewable Energy (EE)	(ID440) Tran Thi Tuong Vi	EE-P-008	Furfural production with MPr-SO ₃ H-KIT-6 mesoporous catalyst via xylose dehydration process
Environmental Chemistry and Renewable Energy (EE)	(ID481) Peerawith Sumtong	EE-P-009	Effect of molybdenum disulfide (MoS ₂) on carbon support from sawdust via hydrothermal carbonization for jatropha oil residue
Environmental Chemistry and Renewable Energy (EE)	(ID566) Pathompong Janetaisong	EE-P-010	Lewis base poly(ethylene glycol) immobilized solid amine sorbent for carbon dioxide capture
Environmental Chemistry and Renewable Energy (EE)	(ID605) Jiraporn Chalorngham	EE-P-011	The methanol synthesis from glycerol in a one-step over basic oxide catalysts

Environmental Chemistry and Renewable Energy (EE)	(ID625) Supattra Raksaphort	EE-P-012	Preparation of activated carbon from Salak seeds for dye removal
Environmental Chemistry and Renewable Energy (EE)	(ID626) Buntita Jomhataikool	EE-P-013	Extraction and characterization of Humic substances derived from Thailand's leonardite
Environmental Chemistry and Renewable Energy (EE)	(ID680) Mukrawee Maneewuthiworasakul	EE-P-014	Arsenic and mercury extraction from natural gas well wastewater by HFSLM
Environmental Chemistry and Renewable Energy (EE)	(ID878) Buppa Shomchoam	EE-P-015	Carbon dioxide capture on solid amine sorbent: breakthrough behavior and kinetic analysis
Environmental Chemistry and Renewable Energy (EE)	(ID961) Orhathai Jirattanapochai	EE-P-016	Decarboxylation of free fatty acid over Ni-MCM-41
Environmental Chemistry and Renewable Energy (EE)	(ID973) Atichat Khongngam	EE-P-017	The improvement in the properties of fatty acid methyl ester using partial hydrogenation reaction in a continuous fixed-bed reactor
Environmental Chemistry and Renewable Energy (EE)	(ID996) Sappasit Winthachai	EE-P-018	Production processes and characterization of high α -cellulose pulp from sugar cane bagasse and oil palm empty fruit bunch for development in cellulose fiber
Environmental Chemistry and Renewable Energy (EE)	(ID1053) Kuntima Krekkeitsakul	EE-P-019	The effect of contaminated gases in syngas to biomethanol production
Environmental Chemistry and Renewable Energy (EE)	(ID1056) Prapussorn Yingcharoen	EE-P-020	Halogen-free catalysts for the cycloaddition reaction of CO ₂ to aziridines
Environmental Chemistry and Renewable Energy	(ID1076) Theerapat nangam	EE-P-021	The utilization of biomass waste from the palm oil industry using hydrothermal carbonization process

(EE)			
Environmental Chemistry and Renewable Energy (EE)	(ID1109) Thanapat Chaipitisiri	EE-P-022	Electrochromic properties of Polyaniline on sputtered crystalline TiO ₂ on fluorine-doped tin oxide substrate prepared by electropolymerization for solar cell applications
Environmental Chemistry and Renewable Energy (EE)	(ID1124) Suthikorn Jantra	EE-P-023	Styryl-BODIPY as fluorescent probe for reactive oxygen species detection in live cells
Environmental Chemistry and Renewable Energy (EE)	(ID1159) Natthaporn Saithong	EE-P-024	Thermodynamic analysis of the chemical-looping water splitting and sorption enhanced reforming process for hydrogen production from biogas
Environmental Chemistry and Renewable Energy (EE)	(ID1164) Tossaporn Jirabovonwisut	EE-P-025	Effect of the electrolyte imbalance on performance of a vanadium redox flow battery: dynamic simulation and analysis
Environmental Chemistry and Renewable Energy (EE)	(ID1185) Wimonrat Tongpoothorn	EE-P-026	Removal of copper in aqueous solution by an alternative adsorbent modified napier grass stem
Environmental Chemistry and Renewable Energy (EE)	(ID1214) Tullawat Ketvaraporn	EE-P-027	Enhancement of lipid extractability from oleaginous yeast <i>Rhodotorula glutinis</i> cells by enzymatic hydrolysis
Environmental Chemistry and Renewable Energy (EE)	(ID1280) Napaporn Chanchaenlap	EE-P-028	Production of biofuels in Fischer-Tropsch synthesis using mono- and bi-metallic Fe-based catalysts
Environmental Chemistry and Renewable Energy (EE)	(ID1281) Narawich Mukda	EE-P-029	Oxidative dehydrogenation of ethanol to acetaldehyde over AgLi/SSP catalyst
Environmental Chemistry and Renewable Energy (EE)	(ID1301) Pailin Fusawat	EE-P-030	Bioethanol production from food waste for using as alternative energy
Environmental Chemistry	(ID1302)	EE-P-031	Conductivity of Nb-, V- doped Sr ₂ FeTiO _{6.8} electrode for solid oxide

and Renewable Energy (EE)	Ausa Potong		fuel cells
Environmental Chemistry and Renewable Energy (EE)	(ID1304) Teerawit Laosombut	EE-P-032	Influence of minerals in crude glycerol from biodiesel production on products distribution of bio-oil via co-pyrolysis with palm oil residues
Environmental Chemistry and Renewable Energy (EE)	(ID1309) Phatcharapon Ponmak	EE-P-033	Utilization of canteen food waste in lipid production by oleaginous yeast for biodiesel preparation
Environmental Chemistry and Renewable Energy (EE)	(ID1311) Thanapon Pakbamroong	EE-P-034	Capacitive behavior of redox-active compounds impregnated activated carbon in aqueous electrolytes
Environmental Chemistry and Renewable Energy (EE)	(ID1313) Thanawat Anantamongkolchai	EE-P-035	Parametric study of CZTS thin film solar cells by convective deposition method
Environmental Chemistry and Renewable Energy (EE)	(ID1324) Siriporn Boonsuk	EE-P-036	Design and performance evaluation of sustainable process combining hydrotreating and hydrogen generation for biojet fuel production from palm oil
Environmental Chemistry and Renewable Energy (EE)	(ID1370) Kittipong Prakobtham	EE-P-037	The studies of ethane dehydrogenation over supported gallium catalysts
Environmental Chemistry and Renewable Energy (EE)	(ID1404) Piamcheewa Benjamasutin	EE-P-038	Nitrogen-doped activated carbon from tea waste as an electrode for supercapacitor
Environmental Chemistry and Renewable Energy (EE)	(ID1422) Prasert Nimnual	EE-P-039	The effect of carbon, nitrogen, and CuSO ₄ on laccase production by <i>Bacillus</i> sp. strain LA1
Environmental Chemistry and Renewable Energy (EE)	(ID1426) Lalita Attanatho	EE-P-040	Influence of catalyst property and operating conditions on the synthesis of gasoline range hydrocarbons from methanol

Environmental Chemistry and Renewable Energy (EE)	(ID1470) Amornrat Suemanotham	EE-P-041	Effect of operating conditions on synthesis of methanol and dimethyl ether from syngas over solid catalysts
Environmental Chemistry and Renewable Energy (EE)	(ID1478) Kanokwan Chantawee	EE-P-042	Preparation and properties of carboxylated styrene-butadiene rubber/cassava starch/nanocellulose-reinforced as green polymeric composites
Environmental Chemistry and Renewable Energy (EE)	(ID1482) Warunyoo Phondate	EE-P-043	Investigation of the operation parameters on biofuel production via Fischer-Tropsch synthesis in milli-tubular reactor
Environmental Chemistry and Renewable Energy (EE)	(ID1514) Chanapa Kongmark	EE-P-044	Structural study of carbon nanotube (CNTs) supported catalysts for CO ₂ hydrogenation to light olefins
Environmental Chemistry and Renewable Energy (EE)	(ID1555) Manisorn Suksawat	EE-P-045	Flower-like silver acetate bundle directly grow from silver globule
Environmental Chemistry and Renewable Energy (EE)	(ID1635) Supat Buddee	EE-P-046	Wastewater treatment using chitosan extracted from wasted crab shells
Environmental Chemistry and Renewable Energy (EE)	(ID1665) Panida Thepkhun	EE-P-047	Bio-oils from palm oil residue via hydrothermal liquefaction process in the environmental impact aspect
Environmental Chemistry and Renewable Energy (EE)	(ID1796) Wanida Wattanakaroon	EE-P-048	Adsorptive removal of methyl red dye using eggshell particles
Environmental Chemistry and Renewable Energy (EE)	(ID1811) Nararat Thongsrinoon	EE-P-049	The study of phosphorus adsorption efficiency of activated carbon from disposable bamboo chopsticks
Environmental Chemistry and Renewable Energy (EE)	(ID1837) Apisit Prokaew	EE-P-050	Synthesis of biodiesel by transesterification reaction of used palm oil using modified calcium oxide doped strontium ion as a catalyst

Environmental Chemistry and Renewable Energy (EE)	(ID1876) Bongkot Chuenpraphai	EE-P-051	Isolation and screening of gluconic acid producing microorganisms from flowers and fruits
Environmental Chemistry and Renewable Energy (EE)	(ID1925) Aranyakorn Sampavapon	EE-P-052	Modeling and analysis of a novel dual fluidized-bed biomass gasification integrated with CO ₂ capture for high-purity hydrogen production
Environmental Chemistry and Renewable Energy (EE)	(ID1938) Rachada Teosakul	EE-P-053	Effect of oxygen-functionalities of activated carbon on nicotine adsorption
Environmental Chemistry and Renewable Energy (EE)	(ID1958) Supaporn Rattanapan	EE-P-054	The effect of surface chemical properties of ethylenediamine modified waste tea activated carbon for CO ₂ adsorption
Environmental Chemistry and Renewable Energy (EE)	(ID2000) Thanita Sonthisawate	EE-P-055	Enhancement of biodiesel properties via hydrogenation process: a pilot plant study
Environmental Chemistry and Renewable Energy (EE)	(ID2027) Adisak Jaturapiree	EE-P-056	Dyeing properties of pineapple fiber dyed with a natural dye extracted from Roselle flowers
Environmental Chemistry and Renewable Energy (EE)	(ID2034) Issaraporn Saenglam	EE-P-057	Utilization of zeolites synthesized from water sludge for heavy metal treatment in wastewater
Environmental Chemistry and Renewable Energy (EE)	(ID2053) Pawnprapa Pitakjakpipop	EE-P-058	Adsorptive desulfurization of a model diesel fuel over TiO ₂ -ZrO ₂ /SiO ₂ under light irradiation
Environmental Chemistry and Renewable Energy (EE)	(ID2056) Warangkana - Kittiwongwisarn	EE-P-059	The adsorption study of methylene blue from aqueous solution using synthetic zeolite as highly potential adsorbent from water sludge
Environmental Chemistry and Renewable Energy (EE)	(ID2117) Mooklada Chaisorn	EE-P-060	Effect of doped Al ₂ O ₃ support in Ni-based catalyst for ammonia decomposition

Environmental Chemistry and Renewable Energy (EE)	(ID2165) Nareerat Kitisripanya	EE-P-061	Activated carbon derived from rice husk char and its application for dye adsorption: kinetics and isotherm studies
Environmental Chemistry and Renewable Energy (EE)	(ID2173) Surin Saipanya	EE-P-062	Catalytic study of PtPd and titanium oxide loaded reduced graphene oxide for ethanol oxidation
Environmental Chemistry and Renewable Energy (EE)	(ID2191) Disorn Maneewongvatana	EE-P-063	Effect of doped support and urea on catalytic activity and coke prevention from Ni catalyst for ethanol steam reforming reaction.
Environmental Chemistry and Renewable Energy (EE)	(ID2200) Cherdsak Maneeruttanarungroj	EE-P-064	Effect of immobilization materials and shapes on biohydrogen production from green alga <i>Tetraspora</i> sp. CU2551
Environmental Chemistry and Renewable Energy (EE)	(ID2208) Kamonrat Leheng	EE-P-065	Reforming of residue gas from CBG process to synthetic gas for bio-methanol production
Environmental Chemistry and Renewable Energy (EE)	(ID2212) Chaval Sriwong	EE-P-066	Photocatalytic activities of TiO ₂ @rGO nanocomposites for dye decomposition in wastewater over sunlight irradiation
Environmental Chemistry and Renewable Energy (EE)	(ID2239) Thanaporn Sirawattanamongkol	EE-P-067	Biohydrogen production optimization from green alga KS03
Environmental Chemistry and Renewable Energy (EE)	(ID2241) Songhyun Nam	EE-P-068	Coke reduction and catalytic activity improvement using Ni/Y ₂ O ₃ -Al ₂ O ₃ and Ni/ZrO ₂ -Al ₂ O ₃ for ethanol steam reforming
Environmental Chemistry and Renewable Energy (EE)	(ID2263) Satamongkon Trekitwattanakul	EE-P-069	Reduction of toxic gases from hydrolysis process of secondary aluminum dross
Environmental Chemistry and Renewable Energy	(ID2323) Tidarat	EE-P-070	Ketalization of glycerol with acetone by using aluminum sulfate as a solid acid catalyst

(EE)	Wahamongkol		
Environmental Chemistry and Renewable Energy (EE)	(ID2334) Elena Subbotina	EE-P-071	Zeolites for selective cleavage of lignin model compounds
Environmental Chemistry and Renewable Energy (EE)	(ID284) Kusumawadee Thancharoen	EE-P-072	Efficient oleaginous yeasts for single cell oils from sugarcane molasses
Environmental Chemistry and Renewable Energy (EE)	(ID2022) Natthida Numwong	EE-P-073	Conversion of ethanol to higher alcohols over hydroxyapatite catalysts
Environmental Chemistry and Renewable Energy (EE)	(ID547) Wassachol Wattana	EE-P-074	Fuel pellet made from para-rubber sawdust blend with Cajuput (<i>Melaleuca cajuputi</i> Powell) and She Oak (<i>Casuarina equisetifolia</i>) leaves
Environmental Chemistry and Renewable Energy (EE)	(ID1386) Weerawit Iuewanichwong	EE-P-075	Nitrogen-enriched activated carbon from shrimp shells as the electrodes for supercapacitors
Environmental Chemistry and Renewable Energy (EE)	(ID2337) Nobchonnee Nim	EE-P-076	Characterization of PM10-bound polycyclic aromatic hydrocarbons in Hatyai, Songkhla
Food and Agricultural Chemistry (FA)	(ID381) Jaruwan Joothamongkhon	FA-O-001	Saponin-based nanoemulsion as a natural fungicide for control rice dirty panicle disease
Food and Agricultural Chemistry (FA)	(ID1101) Nay Thwe Kyi	FA-O-002	The effects of EM-Bokashi compost and vegetable wastes compost on the growth of <i>Hibiscus esculentus</i> L. (Lady's Finger) plant
Food and Agricultural Chemistry (FA)	(ID1421) Wichchunee Pinket	FA-O-003	Self-emulsifying delivery system of oregano oil as a natural alternative antibiotic in poultry production
Food and Agricultural Chemistry (FA)	(ID1464) Samuch Taweekasemsombut	FA-O-004	Comparison of antibacterial and antioxidant activities of homemade Thai rice vinegars

Food and Agricultural Chemistry (FA)	(ID1517) Pawinee Pongwan	FA-O-005	Development of dietary supplement product from policosanol obtained from filter press mud
Food and Agricultural Chemistry (FA)	(ID1609) Chutikarn Chuchaisakpichit	FA-O-006	Effects of subcritical water treatment on functional properties of soy protein isolate
Food and Agricultural Chemistry (FA)	(ID1830) Supatsorn Chupong	FA-O-007	Optimization of extraction condition of microcrystalline cellulose from Rice bran residue
Food and Agricultural Chemistry (FA)	(ID56) Tipwalee Julmanlik	FA-P-001	Pasteurized coconut juice processing with high current pulse application
Food and Agricultural Chemistry (FA)	(ID310) Kwanyuen Leamsamrong	FA-P-002	The relationship between free radical scavenging activities and germination time of peanut (<i>Arachis hypogaea</i> L.) extracts
Food and Agricultural Chemistry (FA)	(ID318) Sarin Thongthummachat	FA-P-003	Total polyphenol, flavonoid contents and antioxidant capacity of peacock (<i>Caesalpinia pulcherrima</i> (L.) Sw) seed kernel
Food and Agricultural Chemistry (FA)	(ID414) Hareesah Kohing	FA-P-004	Effect of infrared drying on phytochemical content, antioxidant activity and physicochemical properties of germinated brown rice
Food and Agricultural Chemistry (FA)	(ID426) Prartana Kewsuwan	FA-P-005	Reduction of chili fruit anthracnose by irradiated chitosan in Sukhothai province
Food and Agricultural Chemistry (FA)	(ID895) Sirirat Chanvaivit	FA-P-006	Effects of extraction solvents ratio and methylation time for the determination of fatty acids from rambutan seeds kernel by gas chromatography-flame ionization detector
Food and Agricultural Chemistry (FA)	(ID915) Orasa Choola-aiied	FA-P-007	Determination of antioxidant activity, total phenolic compounds, chlorogenic acids and caffeine in coffee blossom tea
Food and Agricultural Chemistry (FA)	(ID1088) Pannawadee Juntong	FA-P-008	Studying of controlling physiological activity, surface morphology and enhancing storability of postharvest bananas coated by cellulose nanocrystal-based emulsion
Food and Agricultural Chemistry (FA)	(ID1265) Rattiya Saradit	FA-P-009	Chemical and physical properties of sago starch from tradition and machine method

Food and Agricultural Chemistry (FA)	(ID1612) Rattana Wongchuphan	FA-P-010	Leucaena leaves: an oyster adjective
Food and Agricultural Chemistry (FA)	(ID1638) Imboon Wongthaweewatana	FA-P-011	Effect of subcritical water treatment on physicochemical properties of rice bran protein
Food and Agricultural Chemistry (FA)	(ID1708) Phakphimol Piwpan	FA-P-012	Screening and isolation of bacteria for improving nutritive values of fermented soybean meal
Food and Agricultural Chemistry (FA)	(ID1952) Lanchakon Chanudom	FA-P-013	The effects of lime lemongrass and oregano essential oils treatment on quality preservation of salted fish (<i>Rastrelliger brachysoma</i>)
Food and Agricultural Chemistry (FA)	(ID1987) Piyaporn Nongharn	FA-P-014	Phenolic content, antioxidant and antibacterial activities of <i>Oroxylum indicum</i> 's bark crude extracts
Food and Agricultural Chemistry (FA)	(ID1991) Wimonsiri Tanomsridachchai	FA-P-015	Comparison between mimic olfactory tool and sensory evaluation for grading of Jasmine rice
Food and Agricultural Chemistry (FA)	(ID1992) Atchara Patamakhachorn	FA-P-016	Antioxidant and cytotoxicity activities of Hom tong banana flower extract
Food and Agricultural Chemistry (FA)	(ID2050) Mayoon Lamsub	FA-P-017	The preliminary study of volatile oil in <i>Melaleuca cajuputi</i> by GC-MS
Food and Agricultural Chemistry (FA)	(ID2099) Jirapa Rattpan	FA-P-018	Free radical scavenging, activity total phenolic and flavonoid contents of herbal extracts
Food and Agricultural Chemistry (FA)	(ID2130) Anakhaorn Srisaipech	FA-P-019	The study on policosanol extracted from wheat germ
Food and Agricultural Chemistry (FA)	(ID2185) Amorntep Sukkhad	FA-P-020	Chemical composition analysis by GC-MS and insecticidal efficacy of herbal extracts
Food and Agricultural Chemistry (FA)	(ID2203)	FA-P-021	Survey of benzophenones residues contaminated in food packaging

Chemistry (FA)	Neungrutai Saesaengseerung		paper in Bangkok, Thailand using GC-MS and IDMS techniques
Food and Agricultural Chemistry (FA)	(ID2245) Aphichart Karnchanatat	FA-P-022	Free radical scavenging properties and induction of apoptotic effects of protein hydrolysate from sea lettuce (<i>Ulva rigida</i>)
Food and Agricultural Chemistry (FA)	(ID2250) Jesdawan Wichitwechkarn	FA-P-023	The detection of organophosphate insecticide using immobilized whole cells from the clone carrying <i>mpdB</i> gene expressing methyl parathion hydrolase
Food and Agricultural Chemistry (FA)	(ID2276) Aricha Leuchang	FA-P-024	Encapsulation of vitamin E in edible Pandan leaf oil-in-water emulsion beverages
Food and Agricultural Chemistry (FA)	(ID2309) Chakkrit Umpuch	FA-P-025	Study on mass transfer mechanisms of electrolytes through a nanofiltration membrane for purification of succinate from fermentation broth purpose
Food and Agricultural Chemistry (FA)	(ID2328) Rungnapa Pimsen	FA-P-026	Nanoemulsion of <i>Syzygium aromaticum</i> (L.) Merr. & L.M.Perry. oil extract in water prepared by emulsification process
Food and Agricultural Chemistry (FA)	(ID2166) Pensri Penprapai	FA-P-027	Antioxidant activity and stability of total carotenoid and lycopene in coconut oil with extracts from gac fruit and coconut oil with extracts from tomato
Food and Agricultural Chemistry (FA)	(ID2265) Norasing Penprapai	FA-P-028	Comparative study of total phenolic content and antioxidant activity of coconut oil with <i>Curcuma zedoaria</i> Roscoe and <i>Curcuma longa</i> L. extract
Inorganic Chemistry (IN)	(ID1122) Jintana Othong	IN-O-001	Single-crystal-to-single-crystal transformation of flexible Co-MOF as catalyst for epoxidation reaction
Inorganic Chemistry (IN)	(ID2261) Teerawat Khudkham	IN-O-002	Synthesis and catalytic application of nickel(II) complexes bearing <i>n</i> -X-(8-quinolyl)-salicylaldimine (X=Cl, Br) ligands: Suzuki-Miyaura cross-coupling reaction
Inorganic Chemistry (IN)	(ID396) David Harding	IN-O-003	Designed iron(III) spin crossover materials
Inorganic Chemistry (IN)	(ID560)	IN-O-004	Iron(III) spin crossover nanoparticles with abrupt transitions

	Sharon Espiritu Lazaro		
Inorganic Chemistry (IN)	(ID1931) Kittipong Chainok	IN-O-005	Selective ions sensing, color turning, and solvent exchange in porous coordination solids
Inorganic Chemistry (IN)	(ID1899) Sureemas Meksawangwong	IN-O-006	Aminobutyl triscyclometalated iridium complexes for cell imaging
Inorganic Chemistry (IN)	(ID519) Kamonthip Nenrod	IN-O-007	Synthesis and characterization of triazine phosphonate derivative
Inorganic Chemistry (IN)	(ID945) Theanchai Wiwasuku	IN-O-008	An amino-functionalized metal-organic framework for sensitive and selective detection of explosive chemical: 2,4,6-trinitrophenol (TNP)
Inorganic Chemistry (IN)	(ID173) Tanawat Sakoltanaviroj	IN-P-001	A reactor design for the synthesis of aluminum phosphide for insects elimination in rice mill
Inorganic Chemistry (IN)	(ID868) Anchalee Sirikulajorn	IN-P-002	Cyanide anion sensing in aqueous media using a fluorogenic sensor and anion identification system developing from colorimetric sensors from 3,6-disubstituted carbazole derivatives
Inorganic Chemistry (IN)	(ID957) Peeranuch Poungsripong	IN-P-003	Self-assembled iron(III) spin crossover materials and films
Inorganic Chemistry (IN)	(ID1003) Bussaba Boonseng	IN-P-004	Synthesis, characterization and anticancer studies of acesulfame mixed with triphenylphosphine metal complexes
Inorganic Chemistry (IN)	(ID1326) Autthavit Nuchthanom	IN-P-005	The synthesis and characterization of a new tetrakis(4-propyloxybenzaldehyde)porphyrin and its copper complex
Inorganic Chemistry (IN)	(ID1398) Tossapon Phromsatit	IN-P-006	Synthesis, ESR study and antibacterial activity of Cu(II) and Ag(II) tetrakis(4-alkyloxyphenyl)porphyrin complexes
Inorganic Chemistry (IN)	(ID1402)	IN-P-007	Fe ₂ O ₃ particles deposition onto stainless steel

	Taweechai Watcharapiboon		
Inorganic Chemistry (IN)	(ID1435) Monthita Sasana	IN-P-008	Studies on the preparation and bioactivity of highly porous bioactive glass
Inorganic Chemistry (IN)	(ID1443) Sudarat Thummatudtho	IN-P-009	A dinuclear cadmium(II) complex based on 2-hydroxybenzoate and 2-aminopyrimidine ligand: synthesis, characterization and crystal structure
Inorganic Chemistry (IN)	(ID1631) Ratanon Chotima	IN-P-010	Effect of additional phosphine in <i>n</i> -butanol production catalyzed by Fe(II)- <i>N</i> -heterocyclic carbene complexes
Inorganic Chemistry (IN)	(ID1827) Narumon - Phonrung	IN-P-011	Synthesis of heteroaryl chalcones and studying their application in security paper
Inorganic Chemistry (IN)	(ID1829) Pimchanok Patho	IN-P-012	Synthesis and fluorescence property of heteroaryl chalcones and their application in security paper
Inorganic Chemistry (IN)	(ID1902) Nanthawat Wannarit	IN-P-013	Two novel cadmium(II) coordination polymers constructing from benzene-1,3-dicarboxylato ligands: synthesis, characterization, crystal structure and fluorescent sensing properties
Inorganic Chemistry (IN)	(ID1924) Pornchanok Punnoy	IN-P-014	A novel two-dimensional cadmium(II) coordination polymer: synthesis, characterization, crystal structure and photoluminescent properties
Inorganic Chemistry (IN)	(ID1930) Ploy Assavajamroon	IN-P-015	A novel three-dimensional 2-fold interpenetrating framework of cadmium(II) coordination polymer constructing from 1,4-bis(imidazol-1-ylmethyl)benzene and dicyanamide linkers
Inorganic Chemistry (IN)	(ID1978) Kullatat Suwatpipat	IN-P-016	Decomposition of hydrazine using oxidizing agents
Inorganic Chemistry (IN)	(ID1982) Sukanya Mingphimai	IN-P-017	A three-dimensional cobalt(II) coordination polymer with formate ligands: synthesis and crystal structure
Inorganic Chemistry (IN)	(ID2003) Sukanya Pukpobsuk	IN-P-018	Effects of firing temperature of red clay and sponge waste on physical properties for planting materials

Inorganic Chemistry (IN)	(ID2014) Soravich Mulinta	IN-P-019	Characterization and properties of Lampang kaolinite clay for standard clay
Inorganic Chemistry (IN)	(ID2016) Thawanrat saelim	IN-P-020	Synthesis, spectroscopic characterizations and X-ray structural studies of new one-dimensional Co(II), Cu(II), and Zn(II) coordination polymers containing benzoato and 4,4'-bipyridine ligands
Inorganic Chemistry (IN)	(ID2248) Supphachok Chanmungkalakul	IN-P-021	Silsesquioxane cages as fluoride sensors
Inorganic Chemistry (IN)	(ID2251) Nicha Prigyai	IN-P-022	Chromogenic and fluorescent hydrazone Schiff's base for Cu(II), F ⁻ and CN ⁻ sensing with water-assisted "turn-on" discrimination and application for anion encapsulation of spherosilicates
Inorganic Chemistry (IN)	(ID2252) Thanudkit Jitjaroendee	IN-P-023	Synthesis of vinyl anthracene and pyrene based-polyhedral oligomeric silsesquioxane for anion detection
Inorganic Chemistry (IN)	(ID2255) Chidchanok Wannasiri	IN-P-024	Substituents controlled selectivity of 1,8-naphthalimide-based dual signaling sensors for F ⁻ & CN ⁻ with copper mediated discrimination of F ⁻ /CN ⁻ and application of silsesquioxane polymer as fluoride adsorbent
Inorganic Chemistry (IN)	(ID2266) Pornsan Lueangseephet	IN-P-025	Synthesis, crystal structure and alcohol sensing properties of a cobalt(II) complex containing benzoylacetate and imidazole ligands
Inorganic Chemistry (IN)	(ID2271) Kullapa Chanawanno	IN-P-026	Synthetic bio-inspired organometallic conjugates
Inorganic Chemistry (IN)	(ID2234) Thitipone Suwunwong	IN-P-027	Fluorescence property and D- π -A character of 4'-bromochalcones
Material Chemistry and Nanotechnology (MN)	(ID789) Wipaporn Kitisriworaphan	MN-O-001	Synthesis and properties of novel thermally activated delayed fluorescence emitters based on bis(4-carbazolephenyl)sulfone for organic light-emitting diodes

Material Chemistry and Nanotechnology (MN)	(ID457) Siriwan Boonmeewiriya	MN-O-002	Fabrication of superhydrophobic gold microstructure on polymer substrates
Material Chemistry and Nanotechnology (MN)	(ID2301) Prompong Pienpinijtham	MN-O-003	Investigation of local pH on a nano-scale wet surface using chemically modified tip-enhanced Raman scattering (TERS)
Material Chemistry and Nanotechnology (MN)	(ID1994) Patcharaporn Weerachawanasak	MN-O-004	Catalytic properties of Pd/TiO ₂ catalysts containing the combination of Pd ⁰ /PdO _x species in benzyl alcohol oxidation
Material Chemistry and Nanotechnology (MN)	(ID1483) Natthanon Phonchai	MN-O-005	Fine tuning colorimetric response of polydiacetylene/ZnO nanocomposites by varying diacetylene structure
Material Chemistry and Nanotechnology (MN)	(ID453) Bunnakorn Suntamit	MN-O-006	Ultrafine and soft-touch yarns from segment pie bi-component polypropylene/ESPE fibers with antibacterial and UV resistant functions
Material Chemistry and Nanotechnology (MN)	(ID1447) Jamornpan Yangcharoenyuenyong	MN-O-007	Synthesis of hydrophobically-modified poly(ethyleneimine) as surfactant for cationic CdSe/ZnS quantum dots with high colloidal stability
Material Chemistry and Nanotechnology (MN)	(ID1476) Rungarune Saymung	MN-O-008	New approach to prepare stimuli-responsive polydiacetylene assemblies: a solution-mixing method
Material Chemistry and Nanotechnology (MN)	(ID1975) Ketkanok Siripiboon	MN-O-009	Development of luminescent hybrid films from polylactic acid/poly(butylene adipate-co-terephthalate) blend and magnesium aluminate doped europium
Material Chemistry and Nanotechnology (MN)	(ID1751) Nittaya Foansoongnoen	MN-O-010	Bacteria removal in wastewater by using silver nanoclusters material
Material Chemistry and Nanotechnology (MN)	(ID1505) Duangporn Saramas	MN-O-011	Nano-zinc oxide-doped activated carbon for feed additive from popped rice

Material Chemistry and Nanotechnology (MN)	(ID885) Sukanya Samadoloh	MN-O-012	Preparation and characterization of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{1-x}\text{Ti}_x\text{O}_3$ ceramics to fabricate flexible piezoelectric composites
Material Chemistry and Nanotechnology (MN)	(ID2282) Sakhiran Sakulwech	MN-O-013	Quaternized cyclodextrin grafted chitosan associated with low molecular weight hyaluronic acid nanoparticles for cosmetics
Material Chemistry and Nanotechnology (MN)	(ID1223) Geumbi Joeng	MN-O-014	Microwave-assisted synthesis of multi-functional CQDs from “A ₄ /B ₂ ” polyamidation monomer sets
Material Chemistry and Nanotechnology (MN)	(ID1267) Phichaya Fueaimi	MN-O-015	Role of β -silver sulfide solid electrolyte on Ag nanofilament fabrication for surface-enhanced Raman spectroscopy activity
Material Chemistry and Nanotechnology (MN)	(ID1957) Thananan Phetkongtong	MN-O-016	A localized surface plasmon resonance based chemical sensor for mercury ion detection
Material Chemistry and Nanotechnology (MN)	(ID2259) Metini Janyasupab	MN-O-017	A simple and cost-effective bimetallic cobalt/iron biosensing catalyst on activated carbon support for non-enzymatic glucose detection in human urine
Material Chemistry and Nanotechnology (MN)	(ID1040) Peerasak Paoprasert	MN-O-018	Carbon dots: optically unique carbon-based nanoparticles for sensing applications
Material Chemistry and Nanotechnology (MN)	(ID1497) Gasidit Panomsuwan	MN-O-019	Pt nanoparticles encapsulated in nitrogen-doped carbons as methanol-tolerant electrocatalysts for oxygen reduction reaction
Material Chemistry and Nanotechnology (MN)	(ID556) Napat Kaewtrakulchai	MN-O-020	Nitrogen-doped of fibrous cattail flower waste derived porous carbon electrodes by hydrothermal treatment combined chemical activation
Material Chemistry and Nanotechnology (MN)	(ID563) Parncheewa Udomsap	MN-O-021	Effect of chemical pretreatment on surface modification of carbon supports derived from Cattail flower
Material Chemistry and Nanotechnology (MN)	(ID1410) Phontip Tammawat	MN-O-022	Bio-derived disordered carbon for high performance lithium ion battery anodes

Material Chemistry and Nanotechnology (MN)	(ID1188) Salinla Charintara	MN-O-023	The effect of film-forming amines (FFAs) on flow-accelerated corrosion (FAC) of carbon steels in single-phase water
Material Chemistry and Nanotechnology (MN)	(ID216) Prae Noppakuadrittidej	MN-P-001	Solvent-controlled spin-coating technique for the preparation of two-dimensional silica nanosphere assembly layers
Material Chemistry and Nanotechnology (MN)	(ID258) Damrong Adam	MN-P-002	Ag ₂ O-ZnO photocatalyst supported on hydroxyapatite from bovine bones for photo-reforming of glycerol
Material Chemistry and Nanotechnology (MN)	(ID262) Nilobol Tungsombatvisit	MN-P-003	Cellulose-based aerogels modified with rhodamine derivatives as a colorimetric sensor for copper(II) ions
Material Chemistry and Nanotechnology (MN)	(ID272) Tammanoon Chankhanittha	MN-P-004	Hydrothermally grown ZnO nanostructures for photocatalytic degradation of organic azo dye
Material Chemistry and Nanotechnology (MN)	(ID278) Piyawat Sangpittayatorn	MN-P-005	Amino-functionalize porphyrinic catalysts for electrochemical reduction of carbon dioxide
Material Chemistry and Nanotechnology (MN)	(ID300) Siwat Thungprasert	MN-P-006	The preparation and characterization Ag and Ag alloy catalysts supported on treated carbon for DEFC
Material Chemistry and Nanotechnology (MN)	(ID317) Sukanya Thepwatee	MN-P-007	The study of using nanostructured lipid carrier for curcumin encapsulation in skincare application
Material Chemistry and Nanotechnology (MN)	(ID334) Pimnara Wattanachai	MN-P-008	Crosslinking of Thai silk fibroin and bioactive calcium silicate glass for development of bone scaffolds
Material Chemistry and Nanotechnology (MN)	(ID380) Duangdao Channei	MN-P-009	Controlled oxidative aging time of graphite/graphite oxide to graphene oxide in aqueous media
Material Chemistry and Nanotechnology (MN)	(ID416) Piyalak Ngerchuklin	MN-P-010	The effect of nucleating agent on supercooling in encapsulated microcapsule for building applications
Material Chemistry and	(ID450)	MN-P-011	Development of natural rubber based composite foam containing

Nanotechnology (MN)	Arisa Jaiyu		magnetite nanoparticles for oil spill removal
Material Chemistry and Nanotechnology (MN)	(ID456) Pham Thi My Phuong	MN-P-012	pH-sensitive fluorescent carbon nanoparticles coated surface for visualization of highly effective antifouling activity based fluorescence “ON/OFF” phenomena
Material Chemistry and Nanotechnology (MN)	(ID517) Supawat Neampet	MN-P-013	MXene/polymer based electrode for enhanced sensor performances in the detection of H ₂ O ₂
Material Chemistry and Nanotechnology (MN)	(ID525) Pichayada Techaniyom	MN-P-014	Osteoblastic calcium deposition on graphene oxide coating on anodized titanium by alizarin red s staining
Material Chemistry and Nanotechnology (MN)	(ID530) Julaluk Phunnoi	MN-P-015	Effect of natural fibers on morphology and acoustic properties of natural rubber foam composites
Material Chemistry and Nanotechnology (MN)	(ID542) Apichat Klayanon	MN-P-016	Synthesis of mesoporous silica with site-isolated acid and base – based catalysts and their bifunctional application in a one-pot cascade reaction
Material Chemistry and Nanotechnology (MN)	(ID550) Sanhanut Kesornsit	MN-P-017	Preparation and characterization of the PDA coated silk yarn
Material Chemistry and Nanotechnology (MN)	(ID562) Sakun Preedavijitkul	MN-P-018	Improving the efficiency of dye-sensitized solar cells with spray-coated TiO ₂ electrode modified by CuO
Material Chemistry and Nanotechnology (MN)	(ID570) Patchareepond Panoy	MN-P-019	Synthesis and photophysical properties of tetra-substituted pyrene derivatives as blue emitting materials for electroluminescent devices
Material Chemistry and Nanotechnology (MN)	(ID611) Chatdanai Thongsamut	MN-P-020	Improvement of mechanical properties of jute fabric by bio-scouring and bio-polishing process with enzymes
Material Chemistry and Nanotechnology (MN)	(ID614) Sawitree Juabram	MN-P-021	Preparation and phase characterization of composites based on dispersion of gold(III) chloride in dipolar discotic liquid crystal
Material Chemistry and Nanotechnology (MN)	(ID672) Kitima Kruachao	MN-P-022	One step synthesis of PtCo/TiO ₂ catalysts by flame spray pyrolysis for selective hydrogenation of furfural to furfuryl alcohol
Material Chemistry and	(ID694)	MN-P-023	Fundamental study of carbon materials from oil palm male flowers via

Nanotechnology (MN)	Kanogpan Guntagerng		hydrothermal carbonization
Material Chemistry and Nanotechnology (MN)	(ID704) Kamonthip Tammarakwattana	MN-P-024	Photocatalytic degradation of methylene blue over polydopamine-Ag/TiO ₂
Material Chemistry and Nanotechnology (MN)	(ID749) Jirat Chatsirisupachai	MN-P-025	Synthesis and photophysical properties of carbazole and triphenylamine dendrons end capped-phenanthrocarbazole for light-emitting applications
Material Chemistry and Nanotechnology (MN)	(ID755) Thanyarat Chawanpunyawat	MN-P-026	Simple hole transporting materials based on bis(2,4-dimethoxyphenyl)carbazole for perovskite solar cell
Material Chemistry and Nanotechnology (MN)	(ID773) Pattarawadee Therdkatanyuphong	MN-P-027	TADF materials based on carbazole substituted on triphenyl-triazines; the effect of acceptor strength
Material Chemistry and Nanotechnology (MN)	(ID785) Wiyada Saennawa	MN-P-028	Synthesis and photophysical properties of fluorene-substituted perylene bisimide for optoelectronic applications
Material Chemistry and Nanotechnology (MN)	(ID787) Chanya Thamma	MN-P-029	CO ₂ methanation over NiAl ₂ O ₄ spinel catalysts
Material Chemistry and Nanotechnology (MN)	(ID793) Namthip Khammultri	MN-P-030	Hole-transporting thermally activated delayed fluorescence (TADF) materials based on carbazole dendronized anthraquinone derivatives for organic light-emitting diodes
Material Chemistry and Nanotechnology (MN)	(ID797) Jakkapan Kumsampao	MN-P-031	Thermally activated delayed fluorescence (TADF) materials based on triphenylamine end capped benzothiadiazole for OLEDs
Material Chemistry and Nanotechnology (MN)	(ID819) Natdanai Nanthasanti	MN-P-032	Liquid-phase selective hydrogenation of furfural to furfuryl alcohol on RuCo/TiO ₂ catalysts
Material Chemistry and	(ID842)	MN-P-033	Effect of chemical modification on the mechanical properties of sedge

Nanotechnology (MN)	Sawitree Suckley		fiber reinforced epoxy composites
Material Chemistry and Nanotechnology (MN)	(ID844) Ounjit Sodpiban	MN-P-034	Preparation of silica supported zirconium-based heterogeneous catalysts by surface organometallic chemistry strategy for the conversion of CO ₂ to cyclic carbonates under mild conditions
Material Chemistry and Nanotechnology (MN)	(ID849) Nardnutda Katunyoo	MN-P-035	Process optimization and characterization of activated carbon from cattail weed wastes by chemical activation for efficient CO ₂ removal
Material Chemistry and Nanotechnology (MN)	(ID850) Vatcharaporn Aomchad	MN-P-036	Conversion of CO ₂ to cyclic carbonates catalyzed by lanthanide salen complexes
Material Chemistry and Nanotechnology (MN)	(ID854) Aunlika Chimprasit	MN-P-037	Adsorption kinetics of lac dye on silk yarn coated with microcrystalline chitosan
Material Chemistry and Nanotechnology (MN)	(ID880) Thamonwan Angkuratipakorn	MN-P-038	Structure and rheological properties of cellulose nanocrystals from defatted rice bran
Material Chemistry and Nanotechnology (MN)	(ID890) Apisara Yimprayul	MN-P-039	Preparation of complex hydrogels composed of chitosan, sodium tripolyphosphate and κ -carrageenan as xanthone encapsulating material
Material Chemistry and Nanotechnology (MN)	(ID893) Ampol Putta	MN-P-040	Synthesis of magnetic carbon nanofibers by pyrolysis from biomass
Material Chemistry and Nanotechnology (MN)	(ID936) Cheewita Suwanchawalit	MN-P-041	Fabrication of nanostructured titanium dioxide films and their properties
Material Chemistry and Nanotechnology (MN)	(ID1615) Supanit Chungyampin	MN-P-042	Controlled gallic acid permeation from gelatin/shellac hydrogel by external electric field
Material Chemistry and Nanotechnology (MN)	(ID1616) Siripong Ghamkuntod	MN-P-043	Surface treatment of fiber: pineapple leaf fiber reinforced poly(lactic acid)
Material Chemistry and Nanotechnology (MN)	(ID1703) Ma. Ivy S. Dela Cruz	MN-P-044	Synthesis of carbon dots from polyurethane for sensing applications

Material Chemistry and Nanotechnology (MN)	(ID1749) Waralee Watcharin	MN-P-045	Chemical modification of chitosan nanoparticles with gadolinium diethylenetriaminepentaacetic acid for magnetic resonance imaging
Material Chemistry and Nanotechnology (MN)	(ID1750) Aviga Soonmongkol	MN-P-046	Physical properties of gelatin and silk fibroin microspheres
Material Chemistry and Nanotechnology (MN)	(ID1806) Patcharanan Junploy	MN-P-047	CTAB-assisted synthesis of CaSnO ₃ produced by cyclic microwave radiation method and calcination
Material Chemistry and Nanotechnology (MN)	(ID1822) Sumita Boonnab	MN-P-048	Synthesis, characterization and properties of naphthalimide–pyrene dyads for organic light-emitting diodes
Material Chemistry and Nanotechnology (MN)	(ID1852) Siriwit Buajareern	MN-P-049	Preparations of magnetized porous carbon by using ferrite particles
Material Chemistry and Nanotechnology (MN)	(ID1854) Chakrapong Chaiburi	MN-P-050	Development of AgVO ₃ /C electrocatalysts for an ethanol-tolerant in alkaline electrolyte for direct ethanol fuel cells
Material Chemistry and Nanotechnology (MN)	(ID1874) Romrawin Rooblert	MN-P-051	The antibacterial activities of silver nanomaterial against gram positive bacteria and gram negative bacteria
Material Chemistry and Nanotechnology (MN)	(ID1877) Hasan Daupor	MN-P-052	Effect of the sample preparation on the composition of hydroxyapatite derived from waste anchovy fish bone
Material Chemistry and Nanotechnology (MN)	(ID1941) Sutasinee Kityakarn	MN-P-053	Influence of Ce ions in the La _{1-x} Ce _x CoO _{3+δ} studied by XAS and XPS
Material Chemistry and Nanotechnology (MN)	(ID1956) Kanjarat Sukrat	MN-P-054	Study of the adsorption methylene blue with activated carbon from chemically stimulated betel nut peel
Material Chemistry and Nanotechnology (MN)	(ID1961) Chuenkamol Khongphow	MN-P-055	Effects of surfactant as additives in electronic-grade lubricant for magnetic recording head lapping processes
Material Chemistry and Nanotechnology (MN)	(ID1973) Natkritta Maipul	MN-P-056	Effects of corrosion inhibitors in lubricant for microelectronic lapping processes
Material Chemistry and Nanotechnology (MN)	(ID2018) Saowaluk Jangkena	MN-P-057	Physical properties and stability of oil-in-water nanoemulsion containing shallot extract prepared by low-energy vs high-energy methods

Material Chemistry and Nanotechnology (MN)	(ID2059) Athis Watwiangkham	MN-P-058	Preparation, characterization and photoluminescence property of CdO photocatalyst
Material Chemistry and Nanotechnology (MN)	(ID2074) Thanyanat Saiboh	MN-P-059	Colour tuning of organic light emitting diodes based on heteroleptic iridium(III) complexes
Material Chemistry and Nanotechnology (MN)	(ID2153) Kanet Wongravee	MN-P-060	Shape evolution of three dimensional flower-like gold microstructures from gold nanosheets via oriented attachment
Material Chemistry and Nanotechnology (MN)	(ID2167) Paweena Porrwatkul	MN-P-061	Green synthesis of silver nanoparticles using <i>Melaleuca cajuputi</i> leaves extract and their catalytic degradation of cationic and anionic dyes
Material Chemistry and Nanotechnology (MN)	(ID2223) Wanwarang Wannaborvorn	MN-P-062	A comparative study on glutaraldehyde crosslinking methods of three-dimensional Thai silk fibroin/gelatin scaffolds for medical application
Material Chemistry and Nanotechnology (MN)	(ID2230) Nutcharin Tisawat	MN-P-063	Polyaniline/activated carbon composite (PANI/AC) electrode for electrochemical supercapacitor
Material Chemistry and Nanotechnology (MN)	(ID2242) Ruttayapon Potai	MN-P-064	Controlled aggregation and photophysical properties in conjugated polymer nanoparticles via solvents and temperature treatment
Material Chemistry and Nanotechnology (MN)	(ID2268) Harid Pataveepaisit	MN-P-065	Preservation of nicotine by nanoencapsulation technique using β -cyclodextrin
Material Chemistry and Nanotechnology (MN)	(ID2292) Chonticha Sahub	MN-P-066	Photoluminescence biosensor based graphene quantum dots and enzymatic reaction for determination of organophosphate pesticides
Material Chemistry and Nanotechnology (MN)	(ID2336) Pornthip Tongying	MN-P-067	Elemental distribution in $(\text{Ga}_{1-x}\text{Zn}_x)(\text{N}_{1-x}\text{O}_x)$ nanocrystals synthesized via the solid-state nitridation of ZnO and ZnGa_2O_4
Material Chemistry and Nanotechnology (MN)	(ID979) Anna Pachariyangkun	MN-P-068	Perylene diimide functionalized with fused-thiophenes for organic field effect transistors: synthesis and electronic properties
Material Chemistry and Nanotechnology (MN)	(ID995) Saytanar Tun	MN-P-069	Removal of Cd^{2+} and Pb^{2+} ions by aluminium oxide and the prepared aluminium oxide nanoparticles
Material Chemistry and	(ID1004)	MN-P-070	Fluorescent carbon nanodots from jackfruit for detection of metal ion

Nanotechnology (MN)	Nichaphat Thongsai		and acetone vapor
Material Chemistry and Nanotechnology (MN)	(ID1005) Ungkana Inpan	MN-P-071	Synthesis and characterization of molybdenumtrioxide via hydrothermal method for application in gas sensors
Material Chemistry and Nanotechnology (MN)	(ID1063) Preeyanuch Supchocksoonthorn	MN-P-072	Synthesis of carbon dots from black sesame and their sensing applications
Material Chemistry and Nanotechnology (MN)	(ID1075) Nuntanat Worrakunpiset	MN-P-073	Fabrication and characterization of fouling-resistant membrane based on polyamide thin film composite incorporated with functionalized graphene oxide
Material Chemistry and Nanotechnology (MN)	(ID1082) Thanapat Supannasud	MN-P-074	Characterization of epoxidized castor oil toughened epoxy phenol novolac resin for adhesive application
Material Chemistry and Nanotechnology (MN)	(ID1106) Nampetch Padungpetch	MN-P-075	The morphology of Zeolite 13X/PDMS mixed matrix membrane for flue gas separation
Material Chemistry and Nanotechnology (MN)	(ID1108) Pannatorn Boonsong	MN-P-076	Development of a PGSF modified curcumin loaded micelle delivery system
Material Chemistry and Nanotechnology (MN)	(ID1115) Thanatcha Kanthamoon	MN-P-077	Surface transformation of porous bioactive glass
Material Chemistry and Nanotechnology (MN)	(ID1127) Rattikierati Tnuputdhanapun	MN-P-078	Development organic coolants for electronics industry
Material Chemistry and Nanotechnology (MN)	(ID1144) Krittanan Kadsanit	MN-P-079	Optimization reaction conditions for modifying dialdehyde bacterial cellulose
Material Chemistry and Nanotechnology (MN)	(ID1154) Janjira Praneerad	MN-P-080	One-pot hydrothermal synthesis of fluorescent carbon dots from radish and multifunctional sensing application
Material Chemistry and Nanotechnology (MN)	(ID1160) Sasaluck Moonrinta	MN-P-081	Yogurt-derived carbon dots and their sensing applications

Material Chemistry and Nanotechnology (MN)	(ID1168) Kittipong Konraeng	MN-P-082	Fabrication of Zn-Al layer double hydroxide coatings on aluminum foil
Material Chemistry and Nanotechnology (MN)	(ID1175) Kittiphong Thongsuk	MN-P-083	Green synthesis of gold nanoparticles using <i>Cryptolepis buchanani</i> latex
Material Chemistry and Nanotechnology (MN)	(ID1176) Xuan Thai Tran	MN-P-084	One-pot hydrothermal synthesis and selective etching method of porous MoSe ₂ sand rose-like structure for electrocatalytic hydrogen evolution reaction
Material Chemistry and Nanotechnology (MN)	(ID1177) Woojun Jeong	MN-P-085	Synthesis of fluorescent silicon Nanoparticles from organosilanes and organic acid
Material Chemistry and Nanotechnology (MN)	ID1183 Binhee Kwon	MN-P-086	Noncovalent preparation of organo-soluble assembly of reduced graphene oxide/FA-PMA for electrochemical biosensing
Material Chemistry and Nanotechnology (MN)	(ID1192) Jongyeap Park	MN-P-087	Microwave-assisted synthesis of fluorescent polyethyleneimine based polymer dots
Material Chemistry and Nanotechnology (MN)	(ID1210) Warinda Marujiwat	MN-P-088	The green synthesis of gold nanoparticles using <i>Crinum moorei</i> extract
Material Chemistry and Nanotechnology (MN)	(ID1217) Ammarika Makdee	MN-P-089	Photocatalytic performance of Ce doped TiO ₂ for photodegradation of methyl orange dye
Material Chemistry and Nanotechnology (MN)	(ID1238) Lalida Suppaso	MN-P-090	Electrochemical characteristics of electrodeposited graphene oxide on anodized titanium
Material Chemistry and Nanotechnology (MN)	(ID1247) Patchara Umprasert	MN-P-091	Effects of silver sulfadiazine on crosslinking and properties of Thai silk fibroin/gelatin films
Material Chemistry and Nanotechnology (MN)	(ID1266) Wilaiwan Supap	MN-P-092	Electrochemical oxidation of ethanol on palladium electrodeposited on nickel catalyst
Material Chemistry and Nanotechnology (MN)	(ID1279) Parinya Jitreewas	MN-P-093	Corrosion resistance properties of poly(acrylic acid-co-sodium styrene sulfonate) inhibitors on low carbon steel AISI 1018 in recirculating cooling water
Material Chemistry and Nanotechnology (MN)	(ID1295) Thanva Tubthong	MN-P-094	Development of gas sensor based on Ni-doped reduce graphene oxide

Material Chemistry and Nanotechnology (MN)	(ID1322) Duangruedee Khwannimit	MN-P-095	Colorimetric detection of Cu(II) using biologically green synthesized silver nanoparticles from butterfly pea extract
Material Chemistry and Nanotechnology (MN)	(ID1329) Prachak Inkaew	MN-P-096	Catalytic activity and stability of Pt catalyst adsorbed on polypyrrole in ammonia oxidation reaction
Material Chemistry and Nanotechnology (MN)	(ID1350) Orathai Suphawannawiboon	MN-P-097	A top-down fabrication of Thai silk fibroin/gelatin composited microparticles
Material Chemistry and Nanotechnology (MN)	(ID1355) Preeya Unwiset	MN-P-098	Effect of Cu addition on TiO ₂ surface properties and photocatalytic performance
Material Chemistry and Nanotechnology (MN)	(ID1363) Patteera Funchien	MN-P-099	Conjugated polycarbazole nanoparticles dispersion in aqueous solution for printed organic light-emitting diodes
Material Chemistry and Nanotechnology (MN)	(ID1381) Thanutpon Pattanatornchai	MN-P-100	Effect of ionic salt on stability and thermochromism of polydiacetylene
Material Chemistry and Nanotechnology (MN)	(ID1390) Phanita Tansiri	MN-P-101	Preparation and application of poly(acrylamide) based polymers as corrosion inhibitor
Material Chemistry and Nanotechnology (MN)	(ID1393) Lalitphat Suppraphakorn	MN-P-102	Carbon dots as a sensing layer in electronic nose for the detection of volatile compounds and density functional theory study
Material Chemistry and Nanotechnology (MN)	(ID1400) Duangkamon Maleehuan	MN-P-103	Green synthesis of silver nanoparticles: utilizing <i>Garcinia cowa</i> leaf extract and their antimicrobial potentials
Material Chemistry and Nanotechnology (MN)	(ID1440) Pokpong Thananchai	MN-P-104	Formation of platinum black nanoporous films <i>via</i> Marangoni flows
Material Chemistry and Nanotechnology (MN)	(ID1458) Boontida Pongthawornsakun	MN-P-105	The bimetallic AuPd/SiO ₂ catalysts synthesized by one-step flame spray pyrolysis for selective acetylene hydrogenation
Material Chemistry and	(ID1473)	MN-P-106	Development of modified-cellulose in carbon dioxide switchable

Nanotechnology (MN)	Phawinee Nanta		system as an alternative matrix for hybrid carbon cathode in lithium-air battery
Material Chemistry and Nanotechnology (MN)	(ID1474) Panita Sumanatrakul	MN-P-107	Ca-catalyst efficiency from waste rock barnacle for biodiesel production
Material Chemistry and Nanotechnology (MN)	(ID1475) Teerapich Kasemsuk	MN-P-108	Green synthesis of silver nanoparticles using aqueous extracts of <i>Andrographis paniculata</i> and its larvicidal activity against <i>Culex</i> sp.
Material Chemistry and Nanotechnology (MN)	(ID1479) Chompoonoot Nanthamathee	MN-P-109	Morphology control of ZIF-14 by partial substitution of organic linkers
Material Chemistry and Nanotechnology (MN)	(ID1480) Kusuma Thongchaivetcharat	MN-P-110	Preservation of nanodroplets by the colloid-electrospinning technique
Material Chemistry and Nanotechnology (MN)	(ID1488) Pakpassagun Somwong	MN-P-111	Influence of monetite on photocatalytic activity of titanium dioxide P-25
Material Chemistry and Nanotechnology (MN)	(ID154) Thitarat Prathumsuwan	MN-P-112	Carbon dots from succinic acid and glycerol as ferrous ion and hydrogen peroxide dual-mode sensors and for cell imaging
Material Chemistry and Nanotechnology (MN)	(ID1249) Wanwisa Srinuanchai	MN-P-113	Improvement of solubility and stability of chlortetracycline formulation using co-solvent and surfactant
Material Chemistry and Nanotechnology (MN)	(ID1425) Fitria Mutmainah	MN-P-114	Investigation of various crystalline iron oxide nanoparticles for hyperthermia
Material Chemistry and Nanotechnology (MN)	(ID1383) Matthana Khangkhamano	MN-P-115	The effect of NaCl on SiC formation via SHS method
Material Chemistry and Nanotechnology (MN)	(ID836) Wiphawi Jansuda	MN-P-116	Synthesis of boron carbide powder from cellulose and boric acid using freezing-thawing technique
Material Chemistry and	(ID837)	MN-P-117	Styrene/stearyl methacrylate foams as oil absorbent

Nanotechnology (MN)	Voratida Chuensukum		
Material Chemistry and Nanotechnology (MN)	(ID1678) Parintip Rattanaburi	MN-P-118	Magnetic nanoparticles for organic synthesis
Material Chemistry and Nanotechnology (MN)	(ID2024) Ratchadaporn Srikhong	MN-P-119	Investigation of purification procedures for MIL-101(Cr) metal-organic framework obtained from HF-free synthesis
Material Chemistry and Nanotechnology (MN)	(ID2286) Minh Canh Vu	MN-P-120	Improved thermal conductivity of pressure-sensitive adhesives using graphene oxide
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID0076) Zongwei Yue	NP-O-001	<i>ent</i> -Jungermannenone C triggers reactive oxygen species-dependent cell differentiation in leukemia cells
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1432) Sarot Cheenpracha	NP-O-002	Bioactive metabolites from the bark and roots of <i>Holarrhena pubescens</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID0065) Ittipon Siridechakorn	NP-O-003	Identification of spirobisanthralene derivatives with anti-tumor activities from the endophytic fungus <i>Rhytidhysterium rufulum</i> AS21B
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID0473) Sirada Boonyaketgoson	NP-O-004	Arylbenzofuran derivatives from the twigs of <i>Artocarpus heterophyllus</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID0576) Punyaporn Pongsuwan	NP-O-005	Computational approaches for the screening of anti-HIV-1 integrase compounds targeting DNA strand transfer reaction
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID0574) Suthasinee Meeroekyai	NP-O-006	Optimization of drug delivery system using liposomes targeting CD4+ T lymphocytes for treatment of immune-mediated diseases
Natural Products, Biological Chemistry and	(ID0182) Maria Weber	NP-O-007	Molecular sensors for reactive oxygen species detection in non-communicable diseases

Chemical Biology (NP)			
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID0944) Isara Phiwchai	NP-O-008	Liver cancer cells uptake labile iron <i>via</i> L-type calcium channel to facilitate the cancer cell proliferation
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID124) Supaporn Chinpha	NP-P-001	Depsidones and a γ -butenolide from <i>Simplicillium</i> sp. PSU-H168, an endophytic fungus from <i>Hevea brasiliensis</i> leaves
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID187) Saranyoo Klaiklay	NP-P-002	Cytotoxic metabolites from the soil-derived fungus <i>Aspergillus unguis</i> PSU-RSPG199
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID237) Praphatsorn Saetang	NP-P-003	Depsidone derivatives from the marine-derived fungus <i>Aspergillus unguis</i> PSU-MF16
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID307) Achara Raksat	NP-P-004	Cochlioquinones and one sesterterpene from the plant pathogenic fungus <i>Bipolaris</i> sp.
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1007) Wipapan Kongyen	NP-P-005	Fungal metabolites from the endophytic fungus <i>Xylaria</i> sp. PSU-STD70
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1673) Trinop Promgool	NP-P-006	Chemical constituents from the fungus <i>Chaetomium brasiliense</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1717) Boonyanoot Chaiyosang	NP-P-007	Chemical constituents from the fungus <i>Talaromyces flavus</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID430) Apisada Jiso	NP-P-008	A new sesquiterpene quinone from the sponge <i>Spongia</i> sp.
Natural Products,	(ID098)	NP-P-009	Thai marine organisms from the soft coral, <i>Dendronephthaya</i> sp., the

Biological Chemistry and Chemical Biology (NP)	Sumana Pansamut		challenging sources of bioactive compounds
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1336) Yanin Chamsai	NP-P-010	Potential α -glucosidase inhibitors from the leaves of <i>Paederia foetida</i> Linn.
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID349) Wareepat Tiyaehorn	NP-P-011	Semi-synthetic studies of 2-substituted huperzine A analogues as acetylcholinesterase inhibitors
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID665) Ailada Jantasin	NP-P-012	Synthesis of cholesterol-based cationic lipids with amide and urea linkage
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID142) Sawittree Rujitanapanich	NP-P-013	Phytochemical screening and antioxidant activity of 10 Araceae rhizomes in the Dong Phrayayen–Khao Yai forest
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2270) Rachsawan Mongkol	NP-P-014	Antimicrobial activities of <i>Cassia garrettiana</i> Craib. extracts against plant pathogens
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID323) Jie Bai	NP-P-015	Neuroprotective function and mechanisms of natural polyphenolic compound randaiol and its derivatives
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID538) Panita Khlaychan	NP-P-016	Antibacterial activity of thymol against gram-negative bacteria and synergism with natural volatile compounds
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID458) Kulisara Kittivibul	NP-P-017	Mechanistic exploration of novel potent HDAC2 inhibitors <i>via</i> QSAR modeling, molecular docking, and molecular dynamics simulations
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID573) Thanyakarn Choosamai	NP-P-018	Computational drug discovery targeting histone deacetylase 2 as a potential cure for HIV latent infection

Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2015) Phakawat Chusuth	NP-P-019	Dynamics behaviors of EGFR TK domains with erlotinib bound
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID238) Chutima Kaewpiboon	NP-P-020	<i>In vitro</i> cytotoxicity of the crude extracts from sunflower endophytic fungi against human lung cancer cell lines
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID325) Aknarin Pintatum	NP-P-021	Volatile composition in flower and rhizome of <i>Curcuma</i> sp. and antioxidant properties of the crude rhizome extract
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1197) Onanong Nuchuchua	NP-P-022	Antidiabetic phytoconstituents and cytotoxicity of <i>Gymnema inodorum</i> (Lour.) Decne leaf extract
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1770) Sukanya Keawsa-ard	NP-P-023	Antioxidant and cytotoxic activities and total phenolic content of <i>Mesua ferrea</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1923) Younis Baqi	NP-P-024	Date palm (<i>Phoenix dactylifera</i> L.) fruit extracts: antiproliferative and antifibrosis activities
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1948) Acharavadee Pansanit	NP-P-025	Antioxidant activity of endophytic fungi isolated from <i>Camellia oleifera</i> Abel.
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1911) Napassorn Wititsuwankul	NP-P-026	Acid pretreatment of water hyacinth (<i>Eichhornia crassipes</i> (Mart.) Solms) for biodegradable polyhydroxybutyrate (PHB) production
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2004) Aroon Jankam	NP-P-027	Effect of <i>Achyranthes aspera</i> extracts on calcium oxalate dissolution
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2008) Phimchanok Jaturapiree	NP-P-028	Fed-batch fermentation of biodegradable polymer from biodiesel derived crude glycerol by a novel <i>Bacillus</i> sp. C5

Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID157) Thanyaluck Thanyacharoen	NP-P-029	Development of gallic acid-loaded chitosan and polyvinyl alcohol hydrogel composite: release characteristics and their antioxidant activity
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID656) Panida Saenprakob	NP-P-030	Formulation of skin care lotion from <i>Garcinia cowa</i> leaf extract
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID205) Laor Somsakeesit	NP-P-031	Evaluation of chemical constituents from the leaves of <i>Oroxylum indicum</i> as histone deacetylase inhibitors
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID206) Awat Wisetsai	NP-P-032	Cytotoxic and antimalarial constituents from the roots of <i>Atalantia monophylla</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID326) Virayu Suthiphasilp	NP-P-033	Prenylated coumarins and polyoxygenated flavones isolated from roots and fruits of <i>Micromelum integerrimum</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID401) Suthida Rattanaburi	NP-P-034	Chemical constituents from the leaves of <i>Artocarpus chama</i> Buch.-Ham.
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID478) Isaraporn Polbuppha	NP-P-035	Bioactive xanthenes and flavonoids from the twigs of <i>Maclura fruticosa</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID529) Phonchanok Nangkoed	NP-P-036	Phytochemical reinvestigation of xanthenes from fresh fruit hulls of <i>Garcinia mangostana</i> and their antibacterial activity
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID929) Ratchanee Phatchana	NP-P-037	Juvenile hormone III analogues from the stem of <i>Cananga latifolia</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1366) Duangkaew Puksang	NP-P-038	Iridoid glucosides from <i>Paederia linearis</i> Hook.f.

Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1449) Yupa Pootaeng-on	NP-P-039	Neolignans from the leaves of <i>Milusa sessilis</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1663) Oue-artorn Rajachan	NP-P-040	Chemical constituents from the stem barks of <i>Helixanthera parasitica</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID533) Nanthawan Reuk- ngam	NP-P-041	Characterization and rapid bactericidal activity of <i>Ocimum gratissimum</i> leaves essential oil against selected gastroenteritis pathogens
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID743) Sherilyn Chong	NP-P-042	Effecting the antioxidant defenses of <i>Mycobacterium tuberculosis</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID768) Chopaka Thongbamrer	NP-P-043	Synthesis of cationic lipids with spermine as a polar head and its analogues for gene delivery
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1011) Prutchaya Kumpairee	NP-P-044	Synthesis of novel neutral helper lipids with amino acids as polar heads
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2310) Kanokwan Pakpituk	NP-P-045	Antioxidant activity of <i>Pennisetum hybridum</i> crude extracts
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2316) Tanyaporn Plengrat	NP-P-046	Antioxidant activity of leaf and branch extracts of the <i>Lagerstroemia</i> genus
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID938) Aphidet Duangya	NP-P-047	Radio-modulation effects on human breast cancer cell line by marian plum seed extracts
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1575) Suwatchai Misuna	NP-P-048	Phenolic content and antioxidant activity of four edible green algae from Loei province

Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1998) Sunanta Khongsai	NP-P-049	Solvent effect on phytochemical screening of <i>Melaleuca leucadendra</i> Linn. and <i>Syzygium cinerea</i>
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1999) Luksamee Vittaya	NP-P-050	Radical scavenging activity and total phenolic content of <i>Lumnitzera littorea</i> fruit and flower
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2038) Patchanee Charoenying	NP-P-051	Evaluation of antioxidant and antibacterial activities of leaf extracts of <i>Jasminum officinale</i> L. f. var. <i>grandiflorum</i> (L.) Kob.
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2035) Orapan Cha-em	NP-P-052	Screening and production of dextran produced by dextran-producing microorganisms isolated from Thai fermented food
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID463) Panatpong Boonnoun	NP-P-053	Extraction of phenolic compounds from fenugreek seeds using liquefied dimethyl ether (DME)
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2108) Pipat Sudyang	NP-P-054	Bacterial cellulose production by <i>Komagataeibacter nataicola</i> using water from washing rice as substrate and optimization of culture conditions
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1100) Phakorn Papan	NP-P-055	Chemical investigation and cellular uptake of iron-quercetin complex for imaging human breast cancer cells
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID306) Pawitrabhorn Samutrtai	NP-P-056	Functional proteomics approach for the investigation of nanotoxicological pathways: A scenario of silver nanoparticle in human skin carcinoma cells
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID067) Thitiphan Chimsook	NP-P-057	Formulation of facial cream and body mist from avocado oil
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1710) Nakadech Youngwilai	NP-P-058	Au nanoparticles for antioxidant testing of red grape seed and red grape skin extracts

Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID1981) Liang-Jung Chien	NP-P-059	High-yield resveratrol production in genetically modified <i>Escherichia coli</i> via L-tyrosine
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID2195) Montakarn Thongsom	NP-P-060	Antibacterial activities of <i>Tithonia diversifolia</i> leaf extracts
Natural Products, Biological Chemistry and Chemical Biology (NP)	(ID143) Chalernporn Thongpoon	NP-P-061	Volatile compositions of <i>Clausena harmandiana</i> essential oil
Organic and Medicinal Chemistry (OR)	(ID2010) Dong-Liang Mo	OR-O-001	Synthesis of diverse nitrogen heterocycles from <i>N</i> -vinyl nitrones
Organic and Medicinal Chemistry (OR)	(ID2183) Sumrit Wacharasindhu	OR-O-002	Organocatalytic visible light enabled S _N Ar of heterocyclic thiols: a metal-free approach to 2-aminobenzoxazoles and 4-minoquinazolines
Organic and Medicinal Chemistry (OR)	(ID63) Avassaya Vanitcha	OR-O-003	Selective β mono- and di C-H halogenation of alcohols via radical relay chaperones
Organic and Medicinal Chemistry (OR)	(ID2258) Panuwat Padungros	OR-O-004	Michael addition of 2-nitrogalactal catalyzed by sodium diethyldithiocarbamate: a mechanistic study
Organic and Medicinal Chemistry (OR)	(ID735) Poramate Songthammawat	OR-O-005	Synthetic study using bioinspired strategy toward (\pm)-palodesangrens
Organic and Medicinal Chemistry (OR)	(ID1966) Zhen-Feng Chen	OR-O-006	TCMAI metal-based anticancer agents targeting G-quadruplex DNA and telomerase
Organic and Medicinal Chemistry (OR)	(ID1619) Nuttee Suree	OR-O-007	Integrated preclinical drug discovery for HIV pathogenesis and eradication
Organic and Medicinal	(ID1856)	OR-O-008	An unprecedented high-efficiency interstrand cross-linking between

Chemistry (OR)	Penthip Muangkaew		furan-modified pyrrolidinyl PNA and DNA
Organic and Medicinal Chemistry (OR)	(ID1965) Kriangsak Faikhruea	OR-O-009	Gold nanoparticles and peptide nucleic acid-based platform for microRNA21 detection
Organic and Medicinal Chemistry (OR)	(ID1130) Nantachai Inprung	OR-O-010	Synthesis of a tetracyclic core of <i>Erythrina</i> alkaloids
Organic and Medicinal Chemistry (OR)	(ID2319) Sunisa Akkarasamiyo	OR-O-011	Palladium catalyzed enantiospecific substitution of allylic alcohols: application to total synthesis of (+)-lentiginosine from <i>D</i> -galactose
Organic and Medicinal Chemistry (OR)	(ID683) Bhornrawin Akkachairin	OR-O-012	Silver-catalyzed cyclization of <i>ortho</i> -carbonylarylacetylenols for the construction of dihydronaphthofuran and dihydronaphthopyran derivatives
Organic and Medicinal Chemistry (OR)	(ID1413) Natthiya Saehlim	OR-O-013	A novel one-pot approach for the synthesis of bis-indole-1,4-disubstituted-1,2,3-triazoles
Organic and Medicinal Chemistry (OR)	(ID2061) Tanika Khanasa	OR-O-014	Synthesis and optical properties of blue emitters from pyrene derivatives
Organic and Medicinal Chemistry (OR)	(ID585) Narongpol Kaewchangwat	OR-O-015	Synthesis of fast-photoresponsive and reversible spirooxazine derivatives and investigation of their photophysical properties <i>via</i> UV-Vis and fluorescence spectroscopy
Organic and Medicinal Chemistry (OR)	(ID869) Yang Feng Anders See	OR-P-001	Towards the synthesis of samroiomycins A & B
Organic and Medicinal Chemistry (OR)	(ID1061) Kornkamon Akkarasereenon	OR-P-002	Synthetic study toward myristinins B and C <i>via</i> cycloaddition of <i>ortho</i> -quinone methide

Organic and Medicinal Chemistry (OR)	(ID263) Thikhamporn Uppalabat	OR-P-003	Tribenzo[<i>a,c,k,l</i>]xanthenes: a novel fluorophore from an intramolecular Scholl reaction
Organic and Medicinal Chemistry (OR)	(ID279) Theeranon Tankam	OR-P-004	Microwave-assisted synthesis of 2-aminobenzoxazole in water
Organic and Medicinal Chemistry (OR)	(ID378) Joshua Tibbetts	OR-P-005	A sustainable route to bio-based terephthalic acid from crude sulfate turpentine
Organic and Medicinal Chemistry (OR)	(ID438) Piyamaporn Tangkasemsamran	OR-P-006	Photooxidation of organosulfur compounds catalyzed by iodo-BODIPY derivatives under visible light irradiation
Organic and Medicinal Chemistry (OR)	(ID546) Sirikan Deesiri	OR-P-007	The study of ene-yne-oxazolone intramolecular cyclization using hydrogen-phosphine oxide
Organic and Medicinal Chemistry (OR)	(ID557) Kraikrit Utama	OR-P-008	Anti-cervical cancer activities of 3-(2-hydroxyphenyl) propionic acid and 2-hydroxycinnamic acid derivatives on cervical cancer cell lines
Organic and Medicinal Chemistry (OR)	(ID571) Nattawadee Chaisan	OR-P-009	Synthesis of 2-substituted indoles by intramolecular cyclization of 2-alkynylanilines
Organic and Medicinal Chemistry (OR)	(ID673) Krittapas Jantarug	OR-P-010	Synthetic small molecules for isolation of Gram-positive bacteria from contaminated samples
Organic and Medicinal Chemistry (OR)	(ID778) Titiruetai Doungwichitrlul	OR-P-011	Antidiabetic activity of synthetic furofuran lignans containing multiphenolic groups
Organic and Medicinal Chemistry (OR)	(ID781) Jiraporn Kara	OR-P-012	Vanillic acid-resorcinol esters with potent anti-oxidation and tyrosinase inhibitory activities
Organic and Medicinal Chemistry (OR)	(ID804) Weiting Ko	OR-P-013	Towards the synthesis of trichoether A
Organic and Medicinal Chemistry (OR)	(ID882) Nantamon Supantanapong	OR-P-014	Synthesis of 4-phenyl- <i>1H</i> -benzo[<i>f</i>]indole analogs <i>via</i> one-pot reaction of <i>ortho</i> -alkynylarylketones and primary amine derivatives
Organic and Medicinal Chemistry (OR)	(ID934)	OR-P-015	Studies on the diastereoselectivity of the oxa-Michael route to

Chemistry (OR)	Annabel Ho		tetrahydropyrans
Organic and Medicinal Chemistry (OR)	(ID955) Paptawan Suwanhom	OR-P-016	<i>N</i> -(2-(dimethylamino)ethyl)-4-oxo-4 <i>H</i> -chromene-2-carboxamide analogues as acetylcholinesterase inhibitors
Organic and Medicinal Chemistry (OR)	(ID958) Nawong Boonnak	OR-P-017	<i>In-silico</i> pharmacokinetic properties study of alpha-mangostin and its derivatives via ADMET predictor
Organic and Medicinal Chemistry (OR)	(ID991) Pavitra Laohapaisan	OR-P-018	Development of new methodology for the synthesis of β -naphthols and naphtho[2,3- <i>b</i>]furan-2(3 <i>H</i>)-ones; application to the total synthesis of negundin A
Organic and Medicinal Chemistry (OR)	(ID1006) Ladawan Punrum	OR-P-019	Bromodiethylsulfonium bromopentachloroantimonate (BDSB) as a novel activator for chemical glycosylation
Organic and Medicinal Chemistry (OR)	(ID1022) Korakot Saowalak	OR-P-020	A new method for the preparation of aryl halides from phenols by nucleophilic aromatic substitution
Organic and Medicinal Chemistry (OR)	(ID1047) Taechin Nowwarat	OR-P-021	Hybrid molecule: combination between sulfonamides and trimethoprim to inhibit growth of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)
Organic and Medicinal Chemistry (OR)	(ID1048) Mohamed Husaini Bin Abdul Rahman	OR-P-022	Photoredox C–C cross-couplings using boronic acid derivatives
Organic and Medicinal Chemistry (OR)	(ID1071) Charoen Posa	OR-P-023	Synthesis of cationic lipids with guanidine and cyclic guanidine polar head
Organic and Medicinal Chemistry (OR)	(ID1093) Pongsun Jhangthong	OR-P-024	Sulfonamidation for the synthesis of trisubstituted arene intermediates
Organic and Medicinal Chemistry (OR)	(ID1112) Koonchira Buaban	OR-P-025	Synthesis and cytotoxicity evaluation of tetrahydro- β -carboline derivatives
Organic and Medicinal Chemistry (OR)	(ID1171) Supara Sangworn	OR-P-026	Synthetic study of laulimalide: C9-C19 subunit
Organic and Medicinal Chemistry (OR)	(ID1187) Daniel Csokas	OR-P-027	A combined DFT and experimental study of the <i>oxa</i> -Michael reaction in THP synthesis: interpretation of the selectivity-determining factors

Organic and Medicinal Chemistry (OR)	(ID1195) Kittisak Thammapichai	OR-P-028	Regioselectivity of nucleophilic addition of succinimide and glutarimide in synthesis of quinolizidine and indolizidine alkaloids
Organic and Medicinal Chemistry (OR)	(ID1196) Arthit Makarasen	OR-P-029	Anti-HIV screening and molecular docking studies of quinoline as potential non-nucleoside reverse transcriptase inhibitors (NNRTIs)
Organic and Medicinal Chemistry (OR)	(ID1212) Siwaporn Inpang	OR-P-030	Synthesis and biological activities of methyl-5-(hydroxymethyl)-2-furan derivatives
Organic and Medicinal Chemistry (OR)	(ID1216) Sathita Thaosiriwong	OR-P-031	Synthesis of pyrrole – azepine core of stemoamide
Organic and Medicinal Chemistry (OR)	(ID1307) Sopita Rattanopas	OR-P-032	Synthesis and biological evaluation of isomeric iheyamine A derivatives
Organic and Medicinal Chemistry (OR)	(ID1365) Sangchai Jamnongsart	OR-P-033	Synthesis route for slaframine
Organic and Medicinal Chemistry (OR)	(ID1382) Ivan Šolić	OR-P-034	Scandium triflate as a pre-catalyst for deoxygenative allylation of benzylic alcohols
Organic and Medicinal Chemistry (OR)	(ID1530) Artid Buaphan	OR-P-035	Synthesis of tetracyclic spiroindolizidine-oxindole
Organic and Medicinal Chemistry (OR)	(ID1623) Siripohn Jiamklang	OR-P-036	Synthesis and characterization of hydroquinone with amino acids cocrystals by spectroscopic technique
Organic and Medicinal Chemistry (OR)	(ID1674) Thanapak Jaimal	OR-P-037	Development of immunoliposome drug delivery for latent HIV-1 reactivation
Organic and Medicinal Chemistry (OR)	(ID1712) Sauwalak Wassanapadit	OR-P-038	Ring opening of epoxides catalyzed by PdCl ₂ impregnated on Al ₂ O ₃ -pillared clay
Organic and Medicinal Chemistry (OR)	(ID1753) Suriya Tateing	OR-P-039	Histone deacetylase 2 enzymatic activity modulated by its active site loop configuration: an <i>in silico</i> dynamics investigation
Organic and Medicinal Chemistry (OR)	(ID1777)	OR-P-040	Facile synthesis and antibacterial activity of some new 3,3'-

Chemistry (OR)	Chayamon Chantana		bis(indolyl)arylmethane alkaloids
Organic and Medicinal Chemistry (OR)	(ID1960) Similan Tanjindaprteep	OR-P-041	Aza-BODIPY based organic nanoparticles for cancer imaging
Organic and Medicinal Chemistry (OR)	(ID1962) Nantawat Kaekratoke	OR-P-042	Carbonic anhydrase IX (CAIX) specific probes to overcome the hypoxia limitation in photodynamic therapy
Organic and Medicinal Chemistry (OR)	(ID1972) Wansiri Innok	OR-P-043	Computational study of influenza H1N1 hemagglutinin complexed with flavonoid compounds from Thai herbs
Organic and Medicinal Chemistry (OR)	(ID2096) Rachata Chantanatrakul	OR-P-044	Synthesis of pyrazole-linked curcumin indole analogues as antioxidant agents
Organic and Medicinal Chemistry (OR)	(ID2114) Thitima Pewklang	OR-P-045	COX-2 specific probe for tumor growth inhibition and photodynamic therapy
Organic and Medicinal Chemistry (OR)	(ID2149) Laksamee Jeanmard	OR-P-046	Toward the synthesis of dechlorogreensporone A
Organic and Medicinal Chemistry (OR)	(ID2243) Warapong Senapak	OR-P-047	Green synthesis of 2-aryl/alkylbenzothiazoles in water media using brönsted acid-ionic surfactant as reusable catalyst
Organic and Medicinal Chemistry (OR)	(ID2313) Tanyapone Purttisarikorn	OR-P-048	Aminolysis of ester using diisopropylethylamine: the synthesis of amide derivatives
Organic and Medicinal Chemistry (OR)	(ID2317) Porntipa Piankarn	OR-P-049	Synthesis of <i>trans</i> - <i>N</i> -coumaroyltyramine derivatives by direct amidation from carboxylic acids and amines
Organic and Medicinal Chemistry (OR)	(ID2321) Pailin Peththai	OR-P-050	Microwave-assisted synthesis of amides from aldehydes
Organic and Medicinal Chemistry (OR)	(ID346) Nawasit Chotsaeng	OR-P-051	Antibacterial activity of flavokawain B and its heterocyclic derivatives

Physical and Theoretical Chemistry (PH)	(ID1334) Thanyada Rungrotmongkol	PH-O-001	Theoretical and experimental studies on the activity and development of anti-cancer agents
Physical and Theoretical Chemistry (PH)	(ID2122) Phornphimon Maitarad	PH-O-002	Combined experimental and theoretical studies on metal-CeO ₂ for NH ₃ -SCR of NO
Physical and Theoretical Chemistry (PH)	(ID1591) Amiya Atahar	PH-O-003	Effect of inclusion complex between β -cyclodextrin and 1-butyl-3-methylimidazolium hexafluorophosphate on anomalous behavior of water between 40 and 60 °C
Physical and Theoretical Chemistry (PH)	(ID721) Hüseyin Unver	PH-O-004	DFT calculation, biological activity, anion sensing application studies and crystal structure of (<i>E</i>)-4-methoxy-2-((4-methylbenzo [<i>d</i>]thiazol-2-ylimino)methyl)phenol
Physical and Theoretical Chemistry (PH)	(ID839) Tinnakorn Saelee	PH-O-005	Theoretical study of propane dehydrogenation on Ni-based catalysts
Physical and Theoretical Chemistry (PH)	(ID2315) Pemikar Srifa	PH-O-006	Theoretical investigation of important intermediates in Pd catalyzed depolymerization of a lignin model compound
Physical and Theoretical Chemistry (PH)	(ID338) Wutthinan Thongyod	PH-O-007	Molecular simulations of photoinduced electron transfer between 7-methoxycoumarin dye and guanine base
Physical and Theoretical Chemistry (PH)	(ID632) Rangsiman Ketkaew	PH-O-008	Theoretical study of photoinduced intramolecular electron transfer in Ru(II)-Re(I) mixed-valence complex
Physical and Theoretical Chemistry (PH)	(ID737) Wichien Sang-aroon aroon	PH-O-009	DFT study on hydrolysis pathway of herbicide naphtalam
Physical and Theoretical Chemistry (PH)	(ID1290) Napat Kongtaworn	PH-O-010	Molecular assembly of possible structures of 50% galactose-removed tamarind seed xyloglucan in aqueous solution
Physical and Theoretical Chemistry (PH)	(ID867) Kaweeyut Poonkaeo	PH-O-011	<i>In-silico</i> modification of recombinant interleukin-18 for binding affinity prediction towards its binding receptor
Physical and Theoretical Chemistry (PH)	(ID643)	PH-P-001	Inclusion complex formations of ferrocene and its derivatives with

Chemistry (PH)	Nichada Phaneangthong		cyclodextrins
Physical and Theoretical Chemistry (PH)	(ID1460) Chonnikan Hanpaibool	PH-P-002	Computational study on the interaction of phosphoethanolamine in MCR-1 using molecular dynamics simulation
Physical and Theoretical Chemistry (PH)	(ID192) Rusrina Salaeh	PH-P-003	Electronic and photophysical properties of derivatives of 2-phenylbenzothiazole and 2-(2'-hydroxyphenyl)benzothiazole: role played by intramolecular charge transfer versus intramolecular proton transfer
Physical and Theoretical Chemistry (PH)	(ID335) Issaree Charoenpinyoying	PH-P-004	Molecular docking investigation on antimicrobial mechanism of plumbagin derivatives
Physical and Theoretical Chemistry (PH)	(ID697) Nawee Kungwan	PH-P-005	Solvent dependence of double proton transfer in the formic acid - formamidine complex : path integral molecular dynamics investigation
Physical and Theoretical Chemistry (PH)	(ID920) Chattarika Sukpattanacharoen	PH-P-006	Electronic and optical properties of oligothiophene, oligofuran, oligopyrrole and their derivatives for organic photovoltaic (OPV) applications: a DFT study
Physical and Theoretical Chemistry (PH)	(ID1644) Nichakan Miengmern	PH-P-007	Theoretical study of twisted intramolecular charge transfer and intermolecular double proton transfer in the excited state of <i>N,N'</i> -bis(salicylidene)- <i>p</i> -phenylenediamine Schiff base
Physical and Theoretical Chemistry (PH)	(ID1697) Abdulmutta Thatribuda	PH-P-008	First-principles study electronic and optical properties of silver chloride photocatalyst
Physical and Theoretical Chemistry (PH)	(ID1865) Preeyaporn Ditsatarn	PH-P-009	Quantum mechanical modelling of noncovalent interactions in graphene/polymer composites
Physical and Theoretical Chemistry (PH)	(ID2054) Bongkochawan Pakamwong	PH-P-010	Computer aided molecular design of ATPase inhibitors in a series of 7-chloro-4-piperazinoquinoline derivatives: molecular docking and 3D-QSAR study
Physical and Theoretical	(ID2104)	PH-P-011	Theoretical design and study on potential organic dyes with different

Chemistry (PH)	Ruangchai Tarsang		linkers for dye-sensitized solar cells
Physical and Theoretical Chemistry (PH)	(ID2238) Pathumwadee Yotmanee	PH-P-012	Molecular docking study of the alkaloids from <i>Tilicora triandra</i> against acetylcholinesterase for the treatment of Alzheimer's disease
Physical and Theoretical Chemistry (PH)	(ID420) Khanittha Kerdpol	PH-P-013	Conformation study of 2-hydroxypropyl- β -cyclodextrin: replica exchange molecular dynamics simulations
Physical and Theoretical Chemistry (PH)	(ID599) Duangporn Ngampring	PH-P-014	Determination of ammonia using Pt/PANI ES nanocomposite: A DFT study
Physical and Theoretical Chemistry (PH)	(ID601) Taksaphorn Nopkaew	PH-P-015	Optical and electronic properties of Ag/PANI ES interacting with ammonia: a theoretical investigation
Physical and Theoretical Chemistry (PH)	(ID675) Warinthon Chansen	PH-P-016	Effect of the second hydration shell on excited state intermolecular proton transfer in 2,7-diazaindole
Physical and Theoretical Chemistry (PH)	(ID708) Komsun Chaihan	PH-P-017	Theoretical study on excited state intramolecular proton transfer (ESIPT) of bipyridine derivatives
Physical and Theoretical Chemistry (PH)	(ID709) Thantip Roongcharoen	PH-P-018	Theoretical insight into methane oxidation to methanol on Fe-embedded functionalized graphene as a promising catalyst
Physical and Theoretical Chemistry (PH)	(ID2279) Auradee Punkvang	PH-P-019	Investigation of structural concepts for rational design of potent compounds against <i>Mycobacterium tuberculosis</i> type II dehydroquinase
Physical and Theoretical Chemistry (PH)	(ID729) Wachara Benchaphanthawee	PH-P-020	Ring-opening polymerization mechanism of ϵ -caprolactone initiated with Zn- and Al-complexes: a DFT study
Physical and Theoretical Chemistry (PH)	(ID1055) Surisa Sa- nguanprang	PH-P-021	Theoretical study of the deprotonation pathway of 6-OHDA in aqueous solution
Physical and Theoretical	(ID1121)	PH-P-022	Adsorption study of chloroform and hexane by using silver

Chemistry (PH)	Nattawadee Wisitruangsakul		nanoparticles supported on reduced graphene oxide
Physical and Theoretical Chemistry (PH)	(ID1135) Varomyalin Tipmanee	PH-P-023	Virtual prediction of conessine as a potential efflux pump inhibitor against <i>Pseudomonas aeruginosa</i>
Physical and Theoretical Chemistry (PH)	(ID1284) Supaporn Dokmaisrijan	PH-P-024	Structures and spectroscopic properties of indigo in complex with β -cyclodextrin and its derivatives
Physical and Theoretical Chemistry (PH)	(ID1287) Thadsanee Kedkham	PH-P-025	Structural and energetic properties of an indigo/2-hydroxypropyl- β -cyclodextrin inclusion complex in aqueous solution
Physical and Theoretical Chemistry (PH)	(ID1328) Chanisorn Ngaojampa	PH-P-026	Nuclear quantum effect on hydrogen bonding in formic acid-nitric acid heterodimer
Physical and Theoretical Chemistry (PH)	(ID2318) Suthasinee Lamsunthia	PH-P-027	Computational investigation of dispersion at the graphene interface
Physical and Theoretical Chemistry (PH)	(ID1371) Chanatkran Prommin	PH-P-028	Theoretical insights on solvent control of intramolecular and intermolecular proton transfer of 2-(2'-hydroxyphenyl)- benzimidazole
Physical and Theoretical Chemistry (PH)	(ID1407) Kanokwan Thitinanthavet	PH-P-029	Structure of an indigo/6-hydroxypropyl- β -cyclodextrin inclusion complex in aqueous solution and its binding free energy
Physical and Theoretical Chemistry (PH)	(ID1445) Malinee Promkatkaew	PH-P-030	Density functional theory study of novel pyrene substituted ninhydrin for detection of latent fingerprint
Physical and Theoretical Chemistry (PH)	(ID1469) Niramol Juntarachat	PH-P-031	Adsorption energy prediction of dioxins emitted from plastic waste incineration on a zeolite
Physical and Theoretical Chemistry (PH)	(ID1640)	PH-P-032	Mechanistic investigation of the uncatalyzed self-esterification reaction

Chemistry (PH)	Prachayapreaut Pengthong		of <i>L</i> -lactic acid: a DFT study
Physical and Theoretical Chemistry (PH)	(ID1735) Amonchat Koonwong	PH-P-033	Substituent effect on photophysical properties of salicylidene Schiff base and its derivatives as colorimetric dyes: a TD-DFT study
Physical and Theoretical Chemistry (PH)	(ID1848) Wanwisa Panman	PH-P-034	Molecular dynamics study of single-wall carbon nanotube wrapped with polypropylene
Physical and Theoretical Chemistry (PH)	(ID1882) Narathip Naradun	PH-P-035	Behavior of electron transport in p-doped of BiVO ₄ : a computational study
Physical and Theoretical Chemistry (PH)	(ID1889) Patcharanan Choto	PH-P-036	Investigation of the influence of solvent dynamics on the electron transfer in simple organic systems using electron spin resonance spectroscopy
Physical and Theoretical Chemistry (PH)	(ID1893) Preeyaporn Poldorn	PH-P-037	Theoretical study of CO oxidation on nanoalloy Ag ₇ Au ₆ cluster
Physical and Theoretical Chemistry (PH)	(ID1908) Kamonpan Sanachai	PH-P-038	In silico study on mansonone G analogs against Janus kinase 2 for developing anticancer agents
Physical and Theoretical Chemistry (PH)	(ID1915) Nuttapon Yodsin	PH-P-039	The theoretical study of catalytic CO ₂ hydrogenation to formic acid over a metal-decorated carbon nanocone
Physical and Theoretical Chemistry (PH)	(ID1940) Charinee Thonthong	PH-P-040	Theoretical study on the structure-antioxidant activity of anthocyanins as novel angiotensin-converting inhibitors
Physical and Theoretical Chemistry (PH)	(ID1945) Panuwat Watthaisong	PH-P-041	First-principles study of electron transport in V ₂ O ₅ as cathode materials for Li-ion batteries
Physical and Theoretical Chemistry (PH)	(ID1989) Pharit Kamsri	PH-P-042	<i>In-silico</i> aided inhibitor design of benzoimidazole-containing derivatives as novel direct InhA inhibitors
Physical and Theoretical Chemistry (PH)	(ID2029) Bunrat Tharat	PH-P-043	Molecular modeling, design and synthesis of InhA inhibitors in the class of benzimidazole derivatives as a novel anti-tuberculosis agents
Physical and Theoretical Chemistry (PH)	(ID2031) Thitima Chuansupak	PH-P-044	Key structural basis of nitrothiazolyl carboxamide analogues as DNA gyrase subunit B inhibitors for anti-tuberculosis agents: 3D-QSAR

			molecular docking calculations
Physical and Theoretical Chemistry (PH)	(ID2040) Kotchakorn Yotyiamkrae	PH-P-045	Structure based drug design of 2-(1H-benzo[d]imidazol-2-yl)-2-cyanovinyl as DNA gyrase subunit B inhibitors for anti-tuberculosis agents
Physical and Theoretical Chemistry (PH)	(ID2052) Bandit Khamsri	PH-P-046	Elucidating structural basis of 4-aminoquinoline derivatives as novel M. tuberculosis DNA GyrB inhibitors: a combined molecular docking study and 3D-QSAR approaches
Physical and Theoretical Chemistry (PH)	(ID2063) Chayanin Hanwarinroj	PH-P-047	Rational design of PknB inhibitors in class of 4-oxo-crotonic acid derivatives as highly potent anti-tuberculosis agents
Physical and Theoretical Chemistry (PH)	(ID2069) Suparada Kamchompoo	PH-P-048	Adsorption of thiophene, benzothiophene and dibenzothiophene over niobium sulfide surface: a density functional theory study
Physical and Theoretical Chemistry (PH)	(ID2071) Paptawan Thongdee	PH-P-049	Molecular docking and 3D-QSAR study of pyrrolyl benzohydrazide derivatives to explore the structure requirements of InhA inhibitors
Physical and Theoretical Chemistry (PH)	(ID2084) Yuwanda Injongkol	PH-P-050	A theoretical study of carbon dioxide hydrogenation on Ni ₂ P (001) surface
Physical and Theoretical Chemistry (PH)	(ID2087) Yutthana Wongnongwa	PH-P-051	Reaction mechanism of palm oil conversion to biofuel using Ni ₂ P catalyst
Physical and Theoretical Chemistry (PH)	(ID2103) Sudarat Chanchaie	PH-P-052	Determination of antioxidant properties and total phenolic compound of various pigmented Thai rice varieties grown of Thailand
Physical and Theoretical Chemistry (PH)	(ID2116) Bunpot Intarathat	PH-P-053	Studies of sildenafil and phosphodiesterase type 5 binding properties using by computational methods
Physical and Theoretical Chemistry (PH)	(ID2227) Bundet Boekfa	PH-P-054	The nitrous oxide decomposition on metal-porphyrins: a DFT study
Physical and Theoretical Chemistry (PH)	(ID1351) Anchalee Junkaew	PH-P-055	The role of active sites on catalytic reactivity of anatase-TiO ₂ (001) facet: theoretical insight
Physical and Theoretical Chemistry (PH)	(ID725)	PH-P-056	Facet dependent catalytic performances of anatase-TiO ₂ toward

Chemistry (PH)	Supawadee Namuangruk		selective catalytic reduction of NO with NH ₃ : a DFT-D study
Polymer Chemistry (PO)	(ID689) Ryo Kawatani	PO-O-001	Syntheses of thermosensitive poly(<i>N</i> -substituted- <i>N</i> -vinylamide) derivatives bearing ethylene glycol chain for kinetic hydrate inhibitor
Polymer Chemistry (PO)	(ID1540) Butsabarot Klahan	PO-O-002	Functional polyurethanes containing active agents and their hydrolytic stability
Polymer Chemistry (PO)	(ID764) Preeyarad Charoensumran	PO-O-003	The assembly of polystyrene gels with limonene based on electrostatic interaction in the aqueous media
Polymer Chemistry (PO)	(ID909) Vachiravit Chalermpanaphan	PO-O-004	Novel unsaturated polyester copolymers based on poly(butane succinate) for using as toughening agent for PLA
Polymer Chemistry (PO)	(ID1027) Phakakrong Hombunma	PO-O-005	Characterization of novel shape memory polymer from green-polybenzoxazine/epoxy alloy
Polymer Chemistry (PO)	(ID1126) Kornkanya Pratumyot	PO-O-006	Self-assembled nanoparticles from pyrene-labeled and quaternized chitosan: promising materials for bioimaging and gene delivery
Polymer Chemistry (PO)	(ID1879) Junchanok Chaikhunsaeng	PO-O-007	Fabrication and characterization of composite films of bacterial cellulose and silk cocoon fragment
Polymer Chemistry (PO)	(ID294) Praethong Laopa	PO-O-008	The removal of cationic dye from waste water with polymethacrylic acid grafted silica gel
Polymer Chemistry (PO)	(ID1050) Saran Banthong	PO-O-009	Supramolecular self-assembling for enhanced oil recovery
Polymer Chemistry (PO)	(ID2051) Atiwat Wiriya- amornchai	PO-O-010	Effect of blowing agent on the physical and mechanical properties of styrene-butadiene rubber for shoe application
Polymer Chemistry (PO)	(ID1362)	PO-O-011	In situ preparation of corn starch-filled epoxidized natural rubber

	Pajaree Chooprayoon		composites and its properties
Polymer Chemistry (PO)	(ID1021) Jusmin Daungkumsawat	PO-O-012	Tensile behaviors of multi-walled carbon nanotube filled polybenzoxazine/urethane alloys reinforced with aramid fiber
Polymer Chemistry (PO)	(ID1472) Tanissara Pinijmontree	PO-O-013	Electrospinning of PVP/KOH/PAN blended: effects of PAN on PVP/KOH alkaline polymer system
Polymer Chemistry (PO)	(ID1685) Thuchayaporn Thuchayapukdee	PO-O-014	Effect of rice bran wax-nanofibrillated cellulose composite emulsion coating on moisture barrier properties
Polymer Chemistry (PO)	(ID1178) Atchara Kaolaor	PO-O-015	Preparation of Camellia oleifera oil loaded chitosan nanoparticles and their release characteristic
Polymer Chemistry (PO)	(ID139) Angkana Chaipuang	PO-P-001	Comparative study on two polymerization methods for synthesis of copper(II) ion imprinted polymers
Polymer Chemistry (PO)	(ID140) Chalida Phungpanya	PO-P-002	Synthesis of prednisolone imprinted polymers
Polymer Chemistry (PO)	(ID331) Supawan Sathornluck	PO-P-003	Modification of epoxidized natural rubber via copolymerization with lactide for using as plasticizer
Polymer Chemistry (PO)	(ID587) Pawinee Theamdee	PO-P-004	The application of sweet potato and yam bean starch as biodegradable coating film for fruit preservation
Polymer Chemistry (PO)	(ID624) Pasuta Sungsee	PO-P-005	PLA foams for scaffold application
Polymer Chemistry (PO)	(ID703) Jenjira Klinkajorn	PO-P-006	Poly(lactic acid)/epoxidized natural rubber blends: effect of processing condition
Polymer Chemistry (PO)	(ID1928) Poonsub Threepopnatkul	PO-P-007	Mechanical and thermal properties of reprocessed ABS with its improved impact property by blending with NBR

Polymer Chemistry (PO)	(ID733) Warunee Tanan	PO-P-008	Synthesis and characterization of environment-friendly hydrogel based on natural polymer for application in agriculture
Polymer Chemistry (PO)	(ID2097) Amnard Sittattrakul	PO-P-009	Preparation and properties of modified polystyrene and amino alcohol rubber blends
Polymer Chemistry (PO)	(ID744) Thawiwat Kantaram	PO-P-010	The action of hydroxylamine hydrochloride on molecular structure and storage hardening of natural rubber
Polymer Chemistry (PO)	(ID746) Yupin Phuphuak	PO-P-011	Modification of polyethersulfone membrane by bio-based amphiphilic block copolymers
Polymer Chemistry (PO)	(ID754) Rani Bushra	PO-P-012	Novel inoffensive preservatives for stabilizing the natural rubber latex
Polymer Chemistry (PO)	(ID872) Liu Yang	PO-P-013	Adhesion of natural rubber film/carboxylated nitrile rubber film (XNBR) interface by blending XNBR with polychloroprene
Polymer Chemistry (PO)	(ID1001) Jutamart Plylaharn	PO-P-014	High recovery stress obtained in benzoxazine-epoxy shape memory polymers reinforced with carbon fiber
Polymer Chemistry (PO)	(ID771) Chayaporn Pareseecharoen	PO-P-015	Effects of organic solvents as coagulant on gel formation and storage hardening in natural rubber
Polymer Chemistry (PO)	(ID1065) Wasana Khongwong	PO-P-016	Effect of drinking water treatment sludge on the properties of rubber compounds
Polymer Chemistry (PO)	(ID2303) Suppharad Khamphay	PO-P-017	Release study of benzalkonium chloride encapsulated by textile coated with anionic cyclodextrin polymer
Polymer Chemistry (PO)	(ID1078) Tanchanok Wongkhan	PO-P-018	Improvement of the processability of poly(lactic acid) by the incorporation of multi-functional epoxide-based chain extender
Polymer Chemistry (PO)	(ID1087) Kraiwut Wisetkhamchai	PO-P-019	Development of the properties of polyurethane foam by the use of polyol resin
Polymer Chemistry (PO)	(ID1090)	PO-P-020	Toughness improvement of poly(lactic acid) blown films

	Sawanont Puttagoon		
Polymer Chemistry (PO)	(ID1107) Wassika Prasomsin	PO-P-021	Effects of curing conversion on properties of benzoxazine-urethane shape memory polymer alloys
Polymer Chemistry (PO)	(ID1131) Monnapas Wongtipakorn	PO-P-022	Preparation of magnetic molecularly imprinted polymer for glutathione
Polymer Chemistry (PO)	(ID1147) Thanathon Laksanalekha	PO-P-023	Cassava starch/poly(vinyl alcohol) hydrogel and their potential application for drug release
Polymer Chemistry (PO)	(ID2298) Jatupol Junthip	PO-P-024	Insoluble anionic cyclodextrin polymer for removal of cationic molecules from water
Polymer Chemistry (PO)	(ID1189) Nareerat Thongtham	PO-P-025	The encapsulation of <i>Cissus Quandrangularis</i> extract in polycaprolactone nanoparticles and their release characteristics
Polymer Chemistry (PO)	(ID1206) Sudarat Punwong	PO-P-026	Preparation of magnetic molecularly imprinted polymer for adenosine
Polymer Chemistry (PO)	(ID1269) Sanit Panpinit	PO-P-027	Synthesis and characterization of IPN hydrogels based on AM-co-HEMA/PVA at low HEMA contents for metal removal applications
Polymer Chemistry (PO)	(ID1388) Kittithorn Lertphirun	PO-P-028	Preparation of poly(lactic acid) filled with cellulose/SiO ₂ composite
Polymer Chemistry (PO)	(ID1455) Tanawat Buntum	PO-P-029	Synthesis of peanut bean oil-based polymer
Polymer Chemistry (PO)	(ID1668) Wichsuda Tangsongcharoen	PO-P-030	Preparation of cellulose-based microcapsules encapsulating gallic acid for applying in cosmetic
Polymer Chemistry (PO)	(ID1669) Jittaya Sadchaiyaphum	PO-P-031	High performance synthesis of hybrid polymer particle containing magnetite nanoparticle using microsuspension iodine transfer polymerization
Polymer Chemistry (PO)	(ID1681) Wanida Raksanak	PO-P-032	Graft copolymerization of butyl acrylate/methyl methacrylate onto waterborne polyurethane from blend formulation with hydroxyl

			telechelic natural rubber and modified rubber seed oil
Polymer Chemistry (PO)	(ID1707) Khanittha Chawanorasest	PO-P-033	Electrospun tamarind seed polysaccharide combined with polyethylene glycol-based nanofibers development
Polymer Chemistry (PO)	(ID1880) Adisak Keereeruk	PO-P-034	Study of low cost adsorbent from natural fiber wastes for removal of crystal violet dye
Polymer Chemistry (PO)	(ID2308) Jantanipa Meemana	PO-P-035	Removal of methylene blue from water by textile coated with anionic cyclodextrin polymer
Polymer Chemistry (PO)	(ID1976) Diew Saijun	PO-P-036	The effect of non-solvent on properties of polycarbonate membranes prepared by phase inversion method
Polymer Chemistry (PO)	(ID2333) Sutthisa Kwankeaw	PO-P-037	Fabrication and properties of natural rubber latex/poly(vinyl alcohol)/water hyacinth fiber
Polymer Chemistry (PO)	(ID2290) Aopeau Invittaya	PO-P-038	The development of polypyrrole composites for wastewater treatment application
Polymer Chemistry (PO)	(ID710) Auttapon Mongkolvai	PO-P-039	Effects of epoxidized natural rubber and silica nanoparticles on the physical properties of poly(lactic acid)
Polymer Chemistry (PO)	(ID739) Manmanut Srikaew	PO-P-040	Synthesis and characterization of the interpenetrating polymer network hydrogel of starch-g-polyacrylamide/polyvinyl alcohol for dye removal application
Polymer Chemistry (PO)	(ID1073) Watcharin Sainumsai	PO-P-041	Relationship between crosslink structures and tensile properties of sulphur-vulcanized natural rubbers