

ポスターセッション第1部

9月14日(土)15:30~17:00

【無機/分析/環境化学】

- 1P001 Gas-phase methylation of terephthalic acid by Py-GC/MS(東北大院環境,東北大院工) ○山内涼太郎,熊谷将吾,博吉汗斯琴高娃,齋藤優子,吉岡敏明
- 1P002 Investigation of Photodegradation Behavior in common plastics(東北大院環,東北大院工) ○ヘックコンスタンティン,熊谷将吾,斯琴高娃,齋藤優子,吉岡敏明
- 1P003 Optimization of reaction conditions on selective dehydration of formic acid using zeolites(東電大院工,産総研再エネ,東工大物質理工) ○野口誠志,チャウダリチャンダン,小林大祐,真中雄一,難波哲哉
- 1P004 Development of thermo-responsive light-shielding gel prepared with different alcohol concentration(秋田大院理工) ○丸田貴大,中村彩乃,村上賢治
- 1P005 Evaluation of Adsorption Capacity of Granulated Pulp for Environmental Conservation(一関高専専攻科) ○田村萌佳,照井教文
- 1P006 廃棄物由来再生砕石からの有害アニオンの溶出抑制と無機粉体の間隙充填材としての利用(山形大学院理工,山形大学工,タケエイ) ○梅田真衣,高松秀樹,佐々木貴史,佐竹友儀,三本鋭植,遠藤昌敏
- 1P007 Analysis of Miyagi's sake using fluorescence and multivariate methods(東北工大,宮城産技センター) ○高橋晴樹,小澤樹,浅沼光吾,木戸博,橋本建哉,丸尾容子
- 1P008 Measurement of fluorescent protein concentration for in-cell crystallization(多元研,東北大院理,NUSR) ○小林恒一,徳永恵津子,シャバスレオナルド,福山真央
- 1P009 Nanoparticles Comprising NIR-active Diradical-Pt(II) Complex and Fe(III) Ion for Cancer Theranostics(東北大院環境) ○陳霖,澤村瞭太,壹岐伸彦
- 1P010 Catalytic co-pyrolysis of PLA/HDPE and PLA/PET with HZSM-5 using tandem micro-reactor-GC/MS(東北大院環境,東北大院工学) ○上遠野太一,熊谷将吾,邵珠沢,博吉汗斯琴高娃,齋藤優子,吉岡敏明
- 1P011 Measurements of respiratory activity of cells in three-dimensional hydrogels immersed in a culture medium(東北大院工,東北大学際研) ○菅野太陽,伊野浩介,宇田川喜信,阿部博弥,珠玖仁
- 1P012 Discrimination of geographical origin of domestic rice with Raman spectroscopy(日大院工,日大工) ○長澤尚輝,木内健人,沼田靖
- 1P013 Selective hydrogenation of nitroarenes catalyzed by ruthenium-sulfur clusters(秋田大院理工,秋田大教文) ○村上楠菜,清野秀岳

- 1P014 Precise separation of calcium-lanthanide-thiacalixarene complexes in heteronuclear lanthanide systems by capillary electrophoresis(東北大院環境) ○林明穂,唐島田龍之介,澤村瞭太,壹岐伸彦
- 1P015 Synthesis and Electrochemical Behavior of Manganese(I) Complexes Containing Polypyridyl Supporting Ligands with Different Electronic States (電子状態の異なるポリピリジル系支持配位子を導入したマンガン(I)錯体の合成および電気化学的挙動)(福島大院理工,福島大理工,福島大水素研) ○渡邊綾友,高瀬つぎ子,大山大
- 1P016 Synthesis and structure of an iron-sulfur binuclear complex (1,3-^tBu₂C₅H₃)₂Fe₂S₄(福島大共生システム理工) ○高野正哉,神田康介,高瀬つぎ子,猪俣慎二
- 1P017 Synthesis and redox behavior of Ru(II) complexes with both coordinating and non-coordinating azo groups(福島大院理工,福島大理工,福島大水素研) ○坂本尚彌,高瀬つぎ子,大山大
- 1P018 Synthesis and Properties of an Iron Complex with a Silyl-NHC-Pyridine Pincer Ligand(東北大院理) ○小室貴士,山内皓太,橋本久子
- 1P019 Gas sensing characteristics of VI B (Cr, Mo, W) doped VO₂ (M1) gas sensor and its selectivity evaluation(東北大多元研) ○MIAOLEI,セツゲイカイ,長谷川拓哉,大川采久,殷シュウ
- 1P020 Scintillation properties of organic-inorganic lead bromide perovskite-type compounds with hydrocarbon isoamines(秋田大院理工,奈良先端大) ○坪川虎ノ介,河野直樹,岡崎魁,市場賢政,加藤匠,中内大介,西川晃弘,宮崎慧一郎,柳田健之
- 1P021 Fabrication and characterization of Er³⁺-doped Bi₂O₃-GeO₂-BaO glasses(秋田大院理工,奈良先端大,産総研) ○鈴木翼,宗田駿太郎,河野直樹,中内大介,加藤匠,岡崎魁,市場賢政,西川晃弘,宮崎慧一郎,篠崎健二,柳田健之
- 1P022 Enhancing Photoluminescence Quantum Yield in ASnX₃-Type Perovskite Nanocrystals via Alkali-Metal Surface Modification(山形大院理工,伊勢化学,日本ゼオン,山形大院有機シス,山形大有機材料シスセ) ○佐藤颯軌,森川結策,浅倉聡,柏木幹文,千葉貴之,増原陽人
- 1P023 Chemical Properties of Subnano Alloy Particles in Reductive Reactions(福島県医大,福島大水素研,東工大化生研) ○田辺真,飯島隆輔,大樂武範,山元公寿
- 1P024 One-step synthesis of ZnMN₂ (M=Si, Ge)-type ternary nitrides under ambient pressure using zinc cyanamide(ZnCN₂) as metal and nitrogen source(東北大院工) ○冨子玲円,林大和,滝澤博胤
- 1P025 Molybdenum sulfide intercalated between graphite layers(岩手大理工,島根大理工) ○算用子晃哉,久保田岳志,白井誠之
- 1P026 Structural dependence of infrared absorption enhancement on line and space nanostructures of silicon(弘前大教育) ○佐藤栞,島田透
- 1P027 Synthesis of scorodite using porous particles of maghemite(秋田大理工,秋田大院理工) ○横山佑太郎,大川浩一,任傑,加藤貴宏

- 1P028 Removal of As(V) using Mg-Al layered double hydroxide and regeneration of LDH using CO₂-loaded amine solution(秋田大) ○櫻庭颯人,クラレンホーラーニ,大川浩一,任傑,加藤貴宏

【物理化学】

- 1P029 Experimental determination of the relationship between the S=O bond length and its stretching vibrational frequency of dimethyl sulfoxide(山形大理,新潟大理,東京理科大創域理工,CROSS,KEK) ○押田悠都,亀田恭男,天羽優子,臼杵毅,梅林泰宏,渡辺日香里,池田一貴,本田孝志,大友俊哉
- 1P030 X-ray Diffraction Studies on the Intermolecular Hydrogen-bonded Structure in Liquid Alcohols(山形大,山形大院理工) ○TakahashiAsuka,小座間こうし,亀田恭男,天羽優子,臼杵毅
- 1P031 Assembly structures, water sorption, and dielectric properties of 1,2,3-triazole-fused *p*-benzoquinone and its alkali metal salts(東北大院工,東北大多元研,山口大院創成科学) ○原田史織,出倉駿,佐藤鉄,綱島亮,芥川智行
- 1P032 Machine Learning for Predicting Degrees of Laser Fabrication of Opical Diffuser(東北大院理,京大エネ研) ○川音遼真,難波知太郎,大槻幸義,YANFeng,中嶋隆
- 1P033 UV photodissociation dynamics of N₃⁺ studied by ion imaging technique(東北大理,東北大理院) ○福富実,渡部悠,小柴拓実,小湊瑞央,菅野学,大下慶次郎,美斎津文典
- 1P034 Mechanism of Enhancement of Luminescence Intensity Induced by Ethanol in Anatase TiO₂ Photocatalysis(日大院工,日大工) ○冨塚由貴,齊藤壮,加藤隆二
- 1P035 イオン移動度質量分析による酸化コバルトクラスターカチオンとCOの反応の研究(東北大理,東北大院理) ○堀内聡太,坂倉広也,大下慶次郎,美斎津文典
- 1P036 The lowest frequency mode of Raman scattering of aqueous ethanol solutions(山形大学院理,山形大理) ○大谷和輝,小座間こうし,天羽優子,亀田恭男,臼杵毅
- 1P037 Alkane- α , ω -dinitriles: Phase transition behaviors, assembly structures, and molecular dynamics under the electric field(東北大院工,東北大多元研,金沢大院自然) ○小野寺希望,出倉駿,佐藤鉄,栗原拓也,水野元博,芥川智行

【有機化学】

- 1P038 Heat-set gelation and drug release properties of bis-cholesterol derivative bearing branched OEG chains(山形大工,山形大院理工) ○平尾朱理,滝沢航平,新木茉穂,伊藤和明
- 1P039 Synthesis of 2-Vinylnaphthalenes via Cold(I)-Catalyzed Cyclopropanation of Indenes(千歳科技大院) ○中川翔太,堀野良和

- 1P040 Synthesis and Properties of Carbon-Iodine Bond Atropisomers(東北大院薬,奈良女子大理) ○阿部将平,菊池隼,松本有正,吉戒直彦
- 1P041 Intermolecular Fluorescence Resonance Energy Transfer Between [10] Cycloparaphenylene and Tryptanthrin Derivatives with Bulky Substituent(弘前大院理工) ○赤城裕太郎,関口龍太,伊東俊司,川上淳
- 1P042 Selective inclusion of organic molecules with crystals of zinc(II) complexes ligated by 2,2'-thiodiphenols and aromatic carboxylic acids(東北大院工) ○下河原佑衣,原佳祐,佐藤玲温,諸橋直弥,服部徹太郎
- 1P043 Stimuli-responsive and optical properties of amphiphilic *N,N*-di(pyrenyl) *L*-cysteine derivative(山形大院理工) ○宮下大輝,伊藤和明
- 1P044 Ruthenium-Catalyzed *ortho*-Selective C-H/C-H Cross-Coupling Reactions between Arylpyridines and Arylketones(東北大院工,東北大環境セ) ○園田雄大,田中信也,大井秀一
- 1P045 Aggregation-Induced Emission and Fluorescence Resonance Energy Transfer of Pyrene-tryptanthrin Derivatives(弘前大院理工) ○久慈純平,関口龍太,伊東俊司,川上淳
- 1P046 Anion Recognition by *P*-chiral Phosphoric Triamide(山形大理) ○吉野誠一,近藤慎一
- 1P047 Sterically Hindered Suzuki-Miyaura Coupling using Buchwald's Ligand bearing Perfluoroaromatic Ring - 2(岩手大院理工,岩手大理工) ○境澤雄斗,小畑洸琉,是永敏伸
- 1P048 Self-assembly of amphiphilic viologen derivatives bearing OEG chains with thermal responsive properties(山形大院理工) ○成澤愛菜,伊藤智博,伊藤和明
- 1P049 ルブロン A のピリジン環セグメントの合成研究(秋田大院理工) ○竹下愛理咲,川村あかり,藤原憲秀
- 1P050 Glycosyl-transferring Reaction of α -Arbutin by using *N*-Bromosuccinimide as an Activator(日大院工,日大工) ○石山航成,小林厚志
- 1P051 Microwave-assisted oxidation by *N*-hydroxynaphthalimide catalyst(山形大院理工) ○凌瀚宇,佐野陽菜,土井一真,今野博行
- 1P052 Stereoselective Synthesis of (*Z*)-*anti*-Homoallylic Alcohols Using Palladium-Catalyzed Three-Component Reaction(千歳科技大院) ○夏堀歩,赤川美月,堀野良和
- 1P053 Dye Removal by Amphiphilic Sugar Derivatives through Self-Assembling Process in Water/Organic Solvent Bi-phase Systems(山形大院理工) ○大森未久里,笹岡雄生,伊藤和明
- 1P054 Synthetic Study for JBIR-155 安立昌篤,(東北大院薬) ○白井健太,土井隆行
- 1P055 Spectral Characteristics of Tryptanthrin Derivatives with Dynamic Substituents in the Aggregated State (弘前大院理工) ○山田匡哉,関口龍太,伊東俊司,川上淳

- 1P056 Gram-scale Synthesis of Toviaz as the drug for OAB via Organic Solvent-free catalyzed reaction(岩手大院理工) ○平澤あき,柴田紘希,岡本岳,是永敏伸
- 1P057 Anion Receptors Having Flexible Spacer for Membrane Transport(山形大院理工,山形大理) ○佐藤智恵理,近藤慎一
- 1P058 Drug Release Properties of Bis-Cholic Acid Bearing Dendritic OEG Chains with LCST Behavior(山形大院理工) ○新木茉穂,伊藤和明
- 1P059 Synthetic studies on mirabegron using copper-catalyzed amidation of haloarenes 寺地穂果,(東北大院薬) ○金井脩雅,植田浩史,徳山英利
- 1P060 Solid-state Fluorescence and Aggregation-induced Emission of Molecules Consisting of Two Tryptanthrins with Bulky Substituents(弘前大院理工) ○福多悠介,関口龍太,伊東俊司,川上淳
- 1P061 Amidation of amino acids using lipase CALB (リパーゼ CALB を用いたアミノ酸のアミド化)(山形大院理工) ○青柳和希,泉多恵子,木島龍朗
- 1P062 Gold-Catalyzed tandem propargylic allylation/cyclization isomerization(千歳科技大院) ○村田寧々,秋間想太,堀野良和
- 1P063 Synthesis and properties of porphyrin metal complex based covalent organic frameworks(岩手大院理工) ○古里勇真,葛原大軌
- 1P064 Electrorheological effects of crown ether-based surfactants with ferrocene(フェロセンを有するクラウンエーテル型界面活性剤の電気粘性効果)(山形大院理工) ○高橋賢一,李偉,王鑫,木島龍朗
- 1P065 Development of Palladium Catalyst Supported on Natural Polysaccharides(秋田高専) ○高橋和,船木憲治
- 1P066 Metal Ion Recognition Using Chemiluminescence of Fluorescent Tryptanthrin(弘前大院理工) ○小成颯太,関口龍太,伊東俊司,川上淳
- 1P067 Synthesis and Fluorescent Properties of Novel Multi-Substituted Phenazines(山形大院有機,山形大工) ○熊谷純,佐藤大幹,工藤正人,辻村光平,片桐洋史
- 1P068 Development of Cyanine-Based Near-Infrared Absorbing Materials Modulated by Counter Anions(山形大学院) ○鈴木克洋,木村紗百合,山門陵平,岡田修司
- 1P069 Selective collection of regioisomers of monosubstituted pyridines with crystals of zinc(II) tetraphenylporphyrin(東北大院工) ○笠谷奈愛,諸橋直弥,服部徹太郎
- 1P070 Synthesis of Chiral Imines under Solvent-free and Catalyst-free Conditions(秋田高専) ○高橋桜子,横山保夫,船木憲治
- 1P071 Optically resolution of organic cyclic selenium compounds using chiral auxiliaries (不斉補助剤を用いた光学活性な環状有機セレン化合物の光学分割)(山形大学院理工学) ○黒田巽,木島龍朗
- 1P072 ポーチミン A のスピロイミンセグメントの合成研究(秋田大院理工) ○小林跳馬,福田梨央,藤原憲秀

- 1P073 Extraction of Salts by Tetraamide-based Receptors Having Pyridyl Groups(山形大院理工,山形大理) ○上野渚月,近藤慎一
- 1P074 Structural modifications of 9-Methoxystrobilurin G toward development of antimalarial drug(東北大院薬) ○堀江愛花,坂田樹理,徳山英利

【化学工学】

- 1P075 Chlorination reaction of lanthanum oxychloride(秋田高専) ○菅原優音,野中利瀬弘
- 1P076 Crystallization behavior of amino acids in a binary compound mixed aqueous solution system(岩手大院) ○甘利拓透,土岐規仁,横田政晶
- 1P077 Synthesis of metal nano-particles loaded on catalyst using sonochemical reaction(秋田大院理工,産総研) ○信太隼斗,大川浩一,加藤貴宏,任傑,藤井孝志
- 1P078 Deoxygenation of bio-oil from GMO rice straw using the meso-microporous catalyst of HZSM-5@AIKIT-6(弘大理工,弘大農学,弘大地域) ○パンピアン パットライヤ,チャエルサニヴィルディ,アッザーラアギティアスホイルン,カホウリュウ,姜東鎮,阿布里提,官国清
- 1P079 Effect of metal oxides on combustion rate of biomass char(秋大理工,秋大院理工,日本製鉄(株)) ○林正晃,大越天誠,安藤大悟,中村彩乃,村上賢治,松村勝
- 1P080 イオン液体含浸液膜内の二酸化炭素の物質移動についての簡易モデル(東北大院工,東北大院環) ○野中利之,渡邊賢,福島康裕
- 1P081 Control of morphology and size distribution of nickel hydroxide crystals by reactive crystallization(岩手大院) ○岡崎ななせ,土岐規仁,横田政晶
- 1P082 Carbon coating for $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ using Soluble and evaluation of its electrochemical performance(秋田大院理工,神鋼) ○菊池郭文,大川浩一,加藤貴宏,堺康爾,小堀竜一,奥山憲幸
- 1P083 Crystallization with reliability and selectivity for L-glutamic acid crystal polymorphism(岩手大院) ○長瀬英弘,土岐規仁,横田政晶
- 1P084 Coexistent Effects of Noble Metals on Methane Dry Reforming Reaction over Rh-Pt/LaAlO₃ Catalysts (石巻専修大理工) ○下屋敷颯太,佐藤愛莉,菊池尚子,山崎達也
- 1P085 Recovery of Ni from multi layer ceramic capacitor by chlorination(秋田大理工,秋田大院理工) ○佐々木泰聖,牛崎了,加藤貴宏,任傑,大川浩一

【高分子化学/繊維化学】

- 1P086 Polymerization of Some Kinds of Vinyl Monomers Initiated with 1-Ethyl-2,3-dimethylimidazolium Bromide(生文大) ○菅野修一

- 1P087 Radical Polymerization of Vinyl Monomers Initiated with Butoxydibutylborane(生文大) ○菅野修一
- 1P088 Polymerization Initiating Properties of Phosphonium Ionic Liquids for Various Vinyl Monomers(生文大) ○菅野修一
- 1P089 Unique Radical Polymerization Using Guanidinium Ionic Liquids and Isouronium Ionic Liquids as Initiators(生文大) 菅野修一, ○本間いくみ
- 1P090 Improvement of Air Stability of Trialkylborane as a Radical Polymerization Initiator and Its Polymerization Initiating Ability(生文大) ○本間いくみ, 菅野修一
- 1P091 ATRP 開始部位を 2 つ有するマルチビニルポリマーを用いたラダーポリマーの合成 (Synthesis of ladder polymers using multivinyl polymers with two ATRP initiations sites)(山形大院有機,山形大工) ○川浪主晃,菊地守也,川口正剛
- 1P092 ラジカル共重合における前末端効果が連鎖移動定数に与える影響(山形大院有機,山形大工) ○大友陸太,菊地守也,川口正剛
- 1P093 Preparation of Amphiphilic Alternating Multiblock Copolymers with PDMS and PEG(東北大院工) ○入江優樹, 吉田直輝, 佐藤朋貴,朱慧娥,三ツ石方也
- 1P094 Preparation of polymer thin films using polysiloxane derivatives with oxyethylene chains in the pendant moiety(日大院工,日大工) ○千葉遥貴,張艾琳,市川司,根本修克
- 1P095 Sustainable synthesis of polymeric deep eutectics from NIPAM/metal salts(山形大院有機,IUT MS BUT3 Ch. MatPol MPF) ○四戸玲那, Maëlan Canet, 佐々木裕哉, 森秀晴
- 1P096 Synthesis of Aromatic Polyketones with High Thermal Stability from Dicarboxylic Acid Chlorides and *p*-Terphenyl in Superacid(秋田大院理工) ○吉田靖大,松本和也,寺境光俊
- 1P097 Purification of recombinant extracellular region of CD74 for ligand-receptor interaction analysis with MIF cytokine(秋田大院理工) ○山口響,江澤理徳,松村洋寿,尾高雅文
- 1P098 Structural studies on self-assembly of the β -carboxysome shell protein CcmO(秋田大院理工,東京農大院工,兵庫県大院理) ○大久保詠一郎,杉山由花,大畠昌也,中村隆太郎,松村洋寿,野口恵一,養王田正文,當舎武彦,尾高雅文
- 1P099 Encapsulation of carbonyl sulfide hydrolase into encapsulin nanocompartment for bioremediation of carbonyl sulfide(秋田大院理工) ○井上航希,松村洋寿,尾高雅文
- 1P100 Characterization of Co-type nitrile hydratase mutants for time-resolved X-ray crystallography (秋田大院理工,兵庫県大理,理研 SPring-8) ○加藤静音,松村洋寿,當舎武彦,杉本宏,尾高雅文
- 1P101 Expression and purification of Bence Jones Protein related to renal complications in multiple myeloma(秋田大院理工,理研 CSRS) ○野澤杏子,江澤理徳,古谷千香子,京谷蒼之介,堂前直,尾高雅文,涌井秀樹,松村洋寿

- 1P102 Protein crystallization of green pigment-binding protein from Japanese sandfish for X-ray crystallography(秋田大院理工) ○大越成定,東岡陽菜,上野匡敬,桐明絢,松村洋寿, 涌井秀樹, 尾高雅文
- 1P103 Construction of expression system for human ACE2 with high affinity for SARS-CoV-2(秋田大院理工) ○岸史乃,尾高雅文,松村洋寿
- 1P104 Neutron crystal structure of human MIF reveals insight into the regulatory mechanism of MIF cytokine activity(秋田大院理工,秋田大産連,量研量子生命,CROSS 中性子産業利用推進セ) ○江澤理徳,刈屋佑美,山口響,平野優, 日下勝弘,玉田太郎,涌井秀樹,尾高雅文,松村洋寿

【材料化学】

- 1P105 Dissolution Mechanism of Organic Nanoparticles into Lipid Bilayer(東北大多元研,北大電子研,仙台高専,ルーベン大化学科) ○ソンジンウ,テームイトリイ
ファーサイ,鈴木龍樹,小関良卓,雲林院宏,笠井均
- 1P106 Blue-emitting perovskite nanocrystals with enhanced optical properties through using NaBH₄(山形大院理工,伊勢化学,山形大有機シスセ) ○後藤真, 大下直晃,浅倉聡,増原陽人
- 1P107 Development of a colorimetric sensor for methyl mercaptan detection using bond cleavage reaction of disulfide compound in nano-porous material(東北工大) ○板橋はな,佐々木千夏,三浦秀太,加藤諒,丸尾容子
- 1P108 Aldehyde separation and analysis method using porous glass containing pararosaniline(東北工大) ○佐々木千夏,板橋はな,鈴木彩加,丸尾容子
- 1P109 Creation of SN-38-Based Nanoprodrugs Under 50 nm for Targeted Pancreatic Cancer Therapy(東北大多元研,仙台高専) ○楊孟衡,鈴木龍樹, 小関良卓,谷田恵太,笠井均
- 1P110 Preparation of Co-containing layered double hydroxide (Co-LDH) by hydrothermal method and its application of catalyst precursor for carbon nanotube synthesis(岩手大院,一関高専,産総研) ○千田知香,横山溪,會澤純雄,桑静,平原英俊,木村寛恵,二葉ドン
- 1P111 Development of agricultural polyethylene films with nearinfrared shielding performance.(山形大院有機,山形大工,住友金属鉱山(株)) ○渋谷健介,工藤拓実,菊地守也,長南武,猪狩敦,川口正剛
- 1P112 Bifacial-Irradiation Performance of All-Inorganic Perovskite Solar cells with Solution-Processed Carbon-Nanotube Thin-Film Electrodes(山形大院理工) ○高野裕人,大宮司耀士,石崎学,栗原正人
- 1P113 Controllable and Uniform, Smooth Thin Film Fabrication by Spray Coating for Perovskite Quantum Dots(山形大院理工,日本ゼオン,伊勢化学,山形大有機材料シスセ) ○大山祐愛,木村汰勢,吉田謙伸,柏木幹文,浅倉聡,増原陽人
- 1P114 Study of Silane Coupling Treatments on Aluminum Surface and their Chemical Structures(岩手大院) ○佐久間詩歩,桑静,會澤純雄,平原英俊

- 1P115 Effects of CaCO_3 mixing methods on CO_2 reduction performance of Au/ TiO_2 photocatalyst(東北工大) ○伊藤紗那,丸尾容子
- 1P116 Synthesis of inorganic chiral materials by thermal decomposition of 1,1'-binaphthyl-2,2'-diyl hydrogen phosphate/layered zinc hydroxide(岩手大院理工,愛媛大理学) ○堀口奈湖,會澤純雄,桑静,平原英俊,佐藤久子
- 1P117 Fabrication and Application of Entangled Hydrogels (秋田県立大シス) ○張斌,邱建輝,孟雪芬,境英一,張靚,唐建華
- 1P118 Development of Rapidly Degradable Composites for Controlled Decomposition in Soil Environments(秋田県立大シス,蘭州理工大) ○孟雪芬, 邱建輝, 張斌,境英一,張靚,馮輝霞
- 1P119 Effects on steel cord surface on adhesion between natural rubber and steel cord 桑静,(岩手大院) ○大熊悠生依,會澤純雄,平原英俊
- 1P120 Selective drug release from glutathione-responsive prodrug nanoparticles(東北大多元研,仙台高専) ○齊藤生真,小関良卓,柴田暁貴,鈴木龍樹,笠井均

【電気化学】

- 1P121 Preparation and Electrochemical Characteristics of Ionogel Using Acrylate-based Polymer 宇井幸一,(岩手大院理工) ○松村拓海,竹口竜弥
- 1P122 Aluminum Electrodeposition from AlCl_3 -Based Ionic Liquid Using Constant Current Pulse Method 宇井幸一,(岩大院理工,千葉大院工,北大院工,UACJ) ○日比野稜平,竹口竜弥,津田哲哉,上田幹人,布村順司,京良彦,兒島洋一
- 1P123 Aluminum Metal Rechargeable Batteries with Amide-based Ionic Liquids 宇井幸一,(岩手大院理工) ○山道弘陽,竹口竜弥
- 1P124 Behavior of Lithium Ion by Insertion of Buffer Layer between Oxide Solid Electrolyte/Electrode(岩手大院理工) 宇井幸一,○槻木大悟,竹口竜弥
- 1P125 Utilization of inorganic sodium silicate binder for active cathode materials of lithium-ion battery(秋田大理工,秋田大院理工) ○山本創太,大川浩一,任傑,加藤貴宏
- 1P126 Carbon coating on LiFePO_4 using hydrocarbons derived from biomass(秋田大院理,神鋼) ○大竹彩耶夏,大川浩一,加藤貴宏,塚康爾,小堀竜一,奥山憲幸
- 1P127 Relation between Interfacial Behavior and Discharge Products in Lithium-Air Secondary Batteries Using Ionic Liquids Consisting of Aliphatic Cations 宇井幸一,(岩手大,東京理科大) ○中村颯汰,竹口竜弥,板垣昌幸
- 1P128 Characteristics of metal-air batteries with perovskite oxides as cathode catalysts(岩手大院理工) ○橋場大來,竹口竜弥,GaravdorjBatnyagt,脇田英延,宇井幸一
- 1P129 Preparation of LiBH_4 -based all-solid-state batteries with LiFePO_4 cathode(東北大院工) ○上山歩巳,高村仁,及川格,石井暁大
- 1P130 High-Rate Charge/Discharge Response of Multi-Element Prussian-Blue Analog Nanoparticles(山形大院理工) ○小池夏輝,石崎学,栗原正人

- 1P131 Electrochemiluminescence microscopy of ROS released from biosamples(東
北大院工,東北大学際研) ○増子美侑,伊野浩介,平本薫,阿部博弥,珠玖仁
- 1P132 Analysis for Diffusion of Redox Species in 3-Dimensional Cultured Cells
Using Microelectrodes (東北大院工,東北大学際研) ○山田聖太郎,阿部博
弥,伊野浩介,珠玖仁