

ポスターセッション第1部

10月2日(土)15:30~17:00

【無機/分析/環境化学】

- 1P001 Synthesis of SiO₂ hollow spheres with various particle size supported Ni catalysts and their catalytic activity of *p*-nitrophenol (一関高専専攻科物質, 日大生産)○佐藤温大,外山直樹,照井教文
- 1P002 Synthesis of polystyrene@TiO₂ core-shell particles and their photocatalytic activities(一関高専専攻科物質,日大生産)○高橋龍也,外山直樹,照井教文
- 1P003 Optimization of Pt/TiO₂ catalyst for ammonia synthesis on NO-CO-H₂O reaction(AIST FREA, TIT)○ChaudhariChandan,真中雄一
- 1P004 液相合成により得られる前駆体を用いた中空ニッケル窒化物の合成(東北大多元研,早大材研)○小野寺哲洋,朝倉裕介,長谷川拓哉,殷 shu
- 1P005 Development of near-infrared-absorbing Pt^{II} complexes toward cancer photothermal therapy agents(東北大院環境)○澤村瞭太,鈴木敦子,壹岐伸彦
- 1P006 Synthesis of L-Ala-L-Gln intercalated layered double hydroxides for L-lactate adsorption(Tohoku Univ. GSES,Nikkiso CO. LTD.)○ポドリナイアヴァレンティーナ,亀田知人,北川文彦,熊谷将吾,齋藤優子,近藤昌幸,神保陽一,吉岡敏明
- 1P007 Spatial distribution measurement of O₃, NO and NO₂ concentrations using O₃ detection paper and porous glass chemical sensors(東北工大院工,東北工大工)○山崎星河,浅沼光吾,丸尾容子
- 1P008 Blue-emitting perovskite quantum dots with near-unity quantum yields(山形大院理工,伊勢化学,山形大院有機シス,山形大有機材料シスセ)○大下直晃,菊池圭祐,浅倉聡,千葉貴之,増原陽人
- 1P009 Effects of pyrolytic synergies during co-pyrolysis of bio-based plastics and vacuum residue on pyrolyzate distribution(東北大院環,東北大院)○東口亮太,熊谷将吾,亀田知人,齋藤優子,吉岡敏明
- 1P010 Effects of Iron Powder in Debromination of Waste Printed Circuit Boards(東北大院環,DMM)○梁川治暉,齋藤優子,熊谷将吾,亀田知人,中川原聡,堀内章芳,渡邊宏満,吉岡敏明
- 1P011 Effect and evaluation of vacuum ultra-violet light irradiation on inorganic nitrogen compounds (山形大工,山形大院理工)○塩川あかり,石山真帆,遠藤光起,佐々木貴史,遠藤昌敏
- 1P012 Solvothermal synthesis of ion doped tungsten suboxide and its optical property.(東北大院環,早大材研)○劉涵宇,長谷川拓哉,朝倉裕介,殷 シュウ

- 1P013 Electrochemical measurement of oxygen consumption rate for patient-derived cancer cells(東北大院環境,東北大院工,東北大学際研,京都大院医)
○宍戸昌太郎,梨本裕司,小沼邦重,井上正宏,伊野浩介,珠玖仁
- 1P014 Development of simple test methods for the base number of used diesel engine oil (山形大工,山形大院理工)○山根創大,佐々木貴史,遠藤昌敏
- 1P015 Elution of the platinum group metals from the in-vehicle catalysts by a business use microwave oven(山形大工,山形大院理工)○齋藤海登,中村駿治,遠藤昌敏,佐々木貴史,飯島菜
- 1P016 Development of octanal detection method using triphenylmethane dyes (東北工大工,東北工大院工)○鈴木彩加,佐藤優妃,河村直人,丸尾容子
- 1P017 Effect of hydroxy propyl cellulose flocculant on magnetic separation efficiency of bentonite-magnetite aggregates from suspension(秋大院理工)
○大山竜樹,中村彩乃,村上賢治
- 1P018 Effect of cationic temperature responsive polymer flocculant on filtration rate of bentonite suspension(秋大院理工)○山根奈都子,中村彩乃,村上賢治
- 1P019 Aging of PV module encapsulant by UV irradiation under humidity control(東北大院環,フロンティア・ラボ,東北大院理)○小林大樹,熊谷将吾,白鳥寿一,亀田知人,齋藤優子,進藤章,渡辺壺,寺前紀夫,渡辺忠一,吉岡敏明
- 1P020 Development of analytical method for detecting lower aliphatic aldehydes using β -diketone derivatives(東北工大)○小野薫,浅沼光吾,丸尾容子
- 1P021 Iron and ruthenium complexes bearing a silyl(*N*-heterocyclic carbene) chelate ligand: synthesis and catalysis for double hydroboration of nitriles(東北大院理)○早坂光平,小室貴士,橋本久子
- 1P022 Dynamic transformation of cell-sized liposomes induced by flavors in Sake: potential quality evaluation (青森産技八工研)○依田毅
- 1P023 Mixed Oxides: Efficient Supports for Ammonia Synthesis(産総研)○ジャウイドラハット,難波哲哉
- 1P024 Effects of low concentration of fluorine on arsenate removal performance of Mg-based and Ca-based adsorbents(産総研)○杉田創,小熊輝美,原淳子,川辺能成,張銘
- 1P025 Synthesis and morphology control of BiVO₄ photocatalyst using organic-aqueous colloidal reaction(東北大多元研,早大技研)○半谷泰生,長谷川拓哉,朝倉祐介,殷シュウ
- 1P026 Effect of reaction pressure and H₂/N₂ ratio on ammonia synthesis activity of Ru/Ce_{0.5}La_{0.5-x}Ti_xO_δ(豊田中研,トヨタ自,産総研,東工大)○後藤能宏,菊川将嗣,今川晴雄,石川茉莉江,小林慶佑,難波哲哉,松本秀行
- 1P027 Research on nitrogen monoxide reduced to ammonia by carbon monoxide as a reductant in the presence of water over base metal catalyst(産総研,東工大)○小林慶祐,真中雄一,難波哲哉

【物理化学】

- 1P028 Absorption, Fluorescence, and Circular Dichroism Spectra of Chiral NDI Dimers(東北大多元, Université de Bordeaux)○WuWalance Stewart,佐藤岳仁,西嶋政樹,荒木保幸,ReikoOda,和田健彦
- 1P029 Physical Properties and Hydrogen-bonding Network Structure of $\text{Na}_x(\text{Tetraamiono-dibenzo-18-crown-6})(\text{H}_2\text{SO}_4)_3 \cdot n(\text{H}_2\text{O})$ Crystal(東北大院工, 東北大多元研)○清水裕太,武田貴志,星野哲久,芥川智行
- 1P030 1st and 2nd order Optical Susceptibility of Glycerol(山形大学院理,山大理)○小座間孔志,天羽優子,亀田恭男,臼杵毅
- 1P031 Room-temperature phosphorescence of β -cyclodextrin/naphthalene/alcohol complexes : steric heavy atom effect of the third components (岩手大学院理工)○堺美晴,八代仁,鈴木映一
- 1P032 Experimental determination of relationship between O-D bond length and O-D stretching frequency of heavy water molecule in aqueous solutions(山形大理,高工ネ研)○強口岬,亀田恭男,天羽優子,臼杵毅,池田一貴,大友季哉
- 1P033 Vibrational predissociation processes of NH_3^+Ar complex studied by photofragment ion imaging(東北大理,東北大院理)○中林一真,小湊瑞央,伊藤悠吏,美齊津文典
- 1P034 Development of the new method for determining the order of time variation of all vibrational bands(東北大薬,東北大院薬,東北大院理)○坂和範,宮田大輔,高橋大智,盛田伸一,中林孝和
- 1P035 Precise Control of Emission Wavelength on Cation-mixed Perovskite Quantum Dots by Crystal Lattice Distortion(山形大院理工,山形大院有機シス,山形大工,伊勢化学,山形大有機材料シスセ)○佐藤亮太,鈴木陸央,森川結策,浅倉聡,千葉貴之,増原陽人
- 1P036 Molecular Glass Material based on Hexadecahydrotribenzo[12]annulene(東北大院工,東北大多元研,阪大院基礎工)○笠原遥太郎,武田貴志,星野哲久,久木一朗,芥川智行
- 1P037 廃棄シリコンを還元剤とする二酸化炭素の触媒的変換反応(東工大物質理工,産総研再エネ,横国大工学)○中尾海輝,中川智尋,Ria AyuPramudita,望月敏光,高遠秀尚,真中雄一,本倉健
- 1P038 Scattering angle dependence of inelasticity effect on molecular structure in liquids determined by time-of-flight neutron diffraction(山形大理,高工ネ研)○筒井佳菜,亀田恭男,天羽優子,臼杵毅,池田一貴,大友季哉
- 1P039 Catalysis of silica-supported cyclic carbonates for hydrosilylation of aldehydes(東工大物質理工,産総研再エネ,横国大工学)○中村圭佑,臼井慧,真中雄一,本倉健
- 1P040 Conformations of cryptand[2.2.2] complexes studied by ion mobility-mass spectrometry(東北大理,東北大院理)○角田健吾,何西,美齊津文典,大下慶次郎

- 1P041 Oxidation of phospholipid monolayer by singlet oxygen generated by photosensitizers.(東北大理,東北大院理,京大 ESICB)○増竹悠紀,井上賢一,叶深
- 1P042 Structural characterization and electronic state analyses of solvatochromic copper complexes with an acetylacetonato ligand(福島大理工)○高瀬つぎ子,馬場大輔,岩崎千紘,大山大
- 1P043 アナターゼ型酸化チタン光触媒の発光量子収率の見積り(日大院工)○高橋 壱成,加藤隆二

【有機化学】

- 1P044 Aerobic oxidation reaction of aldehydes with N-hydroxyphthalimide analogs(山形大院理工)西澤永愛, ○高松啓吾,笠井美郁,今野博行
- 1P045 Synthesis and Heat-set Gelation of Pyrene Derivatives Linked with Naphthalenediimide Bearing OEG Chains : Temperature Triggered Dye Release(山形大院理工)○高橋明日香,阿部浩大,伊藤和明
- 1P046 Theoretical study on the asymmetric Michael addition of α -aminomaleimides to β -nitrostyrenes(茨城大院理工)○酒井直樹,森聖治,折山剛,川島恭平
- 1P047 Fluorescent labeling of TAK779 analogs and its application to bioprobes(山形大院理工)○青田太一,齋藤拓也,横山智哉子,真壁幸樹,今野博行
- 1P048 Activity evaluation of a β -Lactamase-Activated Prodrug(東北大多元研)○上原満季,小関良卓,鈴木龍樹,ティゴックア نداオ,笠井均
- 1P049 Synthetic Studies on Acochlearine (東北大院薬)○河野駿,宮本尚也,藤岡孝佑,坂田樹理,徳山英利
- 1P050 Synthetic Studies on Chartelline C(東北大院薬)○長沢浩,植田浩史,徳山英利
- 1P051 Development of an oxidative coupling of phenols and its application to the convergent synthesis of dimeric natural products(東北大院薬)○西室創太,植田浩史,徳山英利
- 1P052 Synthetic Studies on Melinacidin IV(東北大院薬)○武田陸,佐藤壮一郎,植田浩史,徳山英利
- 1P053 Synthetic Studies on α -Amanitin by using Ring Expansion Reaction of Benzocyclobutenone Oxime Sulfonate(東北大院薬)○松尾和輝,山下有美,LounaPoignant,今泉拓,坂田樹理,徳山英利
- 1P054 Synthesis and LCST behavior of β -cyclodextrin derivatives with aryl ether dendron bearing OEG chains(山形大院理工)○石川登生,佐藤一樹,伊藤和明
- 1P055 Amphiphilic cholesterol-based heat-set gel for controllable dye release(山形大院理工)○伊藤静希,小湊悠介,伊藤和明

- 1P056 Synthesis and LCST behavior of pyridine derivatives linked with aryl ether type dendron having OEG chains(山形大院理工)○村井将暉,伊藤和明
- 1P057 Hyperosmotic stress induces Hog1-dependent and Hog1-independent phosphorylation of Sdu1, the aquaglycerol channel regulated for osmoadaptation(日大院工,日大工)○柳館哲,岸努
- 1P058 Synthesis and viscous behavior of ionic bola-type surfactants with ferrocene moiety フェロセンを有するイオン性 Bola 型界面活性剤の合成と粘性挙動 (山形大学院理工,山形大学工)○武田悠希,神保雄次,波多野豊平,村上聡,木島龍朗
- 1P059 Synthesis of 1,3,5-triazine-based silane coupling agents containing diazirine-based photoreactive functional groups and their evaluation as molecular adhesive reagents(岩手大理工)○長牛和樹,桑静,平原英俊,村岡宏樹
- 1P060 Studies toward the Enantioselective Total Synthesis of Portimine(東北大院生命)○佐藤大亮,梅原厚志,佐々木誠
- 1P061 Regioselective Hydrosilylation and Rapid Derivatization of Alkynes using Epoxide-bearing silanes(東北大院薬)○惟村壮哉,菅原章公,笹野裕介,菊地晴久
- 1P062 Synthetic Study for ASP2397 (東北大院薬)大澤宏祐,○杜雨桐,八十島浩太郎,土井隆行
- 1P063 Synthesis of Pikromycin Intermediate for Biosynthesis(東北大院薬)大澤宏祐,○伴秀俊,杉山良幸,土井隆行
- 1P064 Synthetic Study for Apratoxin A Mimetics(東北大院薬)大澤宏祐,○菅原勇真,福士和希,土井隆行
- 1P065 Control for collapse of ferrocene-modified organic-inorganic hybrid vesicles(山形大院理工,山形大工)○茂原虎勢,鈴木皓大,渡辺翔,波多野豊平,村上聡,木島龍朗
- 1P066 Control of Molecular Orientation in Organic Semiconductors Using Halogen-Halogen Interactions(山形大院有機,山形大院理工)○佐藤太一,蓮見翔,松永周,片桐洋史
- 1P067 [1,2]-Phospha-Brook 転位を利用した光学活性なベンジルホスフェートの合成(東北大院理)○広実隆行,近藤梓,寺田眞浩
- 1P068 Optical resolution of cyclic selenium oxime compound (環状セレノオキシム化合物の光学分割)(山形大院理工,山形大工)○橋詰一幸,伊東雛,今野亜衣,波多野豊平,村上聡,木島龍朗
- 1P069 DNA adsorption on cationic vesicles with ferrocene moiety (フェロセンを有するカチオン性ベシクルへの DNA 吸着)(山形大院理工,山形大工)○李偉,波多野豊平,村上聡,木島龍朗
- 1P070 Study on syntheses of guaiazulene carboxylic acid derivatives with controlled regiospecific reactivity(東北大多元研,(株)コンポン研究所,山口大院創成科学)○丸岡清隆,神島堯明,小関良卓,鈴木龍樹,ダオアンティゴック,村藤俊宏,笠井均

- 1P071 Synthetic studies on Solanoeclepin A, a Hatching Agent of Potato Cyst Nematode(東北大院薬)安立昌篤,○中西誠,土井隆行
- 1P072 鉄触媒によるピリジン類の位置選択的 C-H アリール化反応(福島高専化学バイオ)○遠藤麟太郎,森崇理
- 1P073 Ni 触媒による多成分連結反応の立体化学制御に関する研究(福島高専化学バイオ)○野場なお,森崇理
- 1P074 異種遷移金属複合触媒を用いたアルコールによるニトロの N-アルキル化反応(福島高専化学バイオ)○篠崎麗羅,森崇理
- 1P075 Pre-grafted precursor for bis-grafted surface species(筑波大院数理,産総研IRC3)○石坂悠介,松本和弘,竹内勝彦,深谷訓久,佐藤一彦,崔準哲
- 1P076 Lactamization of amide with ionic liquids(山形大院理工,山形大理)○堀井大夢,栗山恭直
- 1P077 Synthesis and property of conjugated polymers by [2+2] click reaction(岩大)○金子真夕,葛原大軌
- 1P078 Analysis of stimulation of myotube formation by bioactive compounds(日大工・生命)○春木満,紺野智彦,平野展孝
- 1P079 Synthetic study of JBIR-155 toward the decision of stereochemistry(東北大学院薬)○渡邊周平,安立昌篤,土井隆行
- 1P080 ジズアミン A の全合成研究(秋田大院理工)○佐々木佳慧,高木絵梨,藤原憲秀
- 1P081 ソリタミジン A の全合成研究(秋田大院理工)○佐々木詩季,高木絵梨,藤原憲秀

【化学工学】

- 1P082 Crystallization behavior and solvent effect of L-histidine polymorphs(岩手大院理工)○柴田史那,土岐規仁,横田政晶
- 1P083 Nucleation of Tetra-n-butyl ammonium bromide hydrate by solid contact(岩手大院理工)○成田智哉,横田政晶,土岐規仁
- 1P084 L-アスパラギン酸塩酸塩結晶多形の生成と特性に関する研究(岩手大院理工)○立花海,土岐規仁,横田政晶
- 1P085 Mechanism and optimal operation method of L-Tryptophan spherulite formation(岩手大院理工)○七海亜友,横田政晶,土岐規仁
- 1P086 L-アラニン結晶の形態・成長におよぼす溶媒の影響(岩手大院理工)○佐藤秀信,土岐規仁,横田政晶
- 1P087 Effects of Dispersion Solvent on Perovskite Quantum dots by Ultrasound-Assisted Bead Milling(山形大工,山形大院理工,東北大多元研,伊勢化学,山形大有機材料シスセ)○本村秀磨,榎本純哉,久志本築,加納純也,浅倉聡,増原陽人

- 1P088 Experimental Analysis and Simulation of Methylcyclohexane Production under Fluctuating Hydrogen Flow Rate Conditions(東電大院,産総研,長岡高専)○小島弘一,小島宏一,熱海良輔,辻村拓,小林大祐
- 1P089 Luminescence properties of Au-SG complexes in solid matrices under aggregation control(山形大院理)○野村薫平,広木僚也,久田皓貴,伊藤雄太,會田忠弘
- 1P090 Study on surface modification of silica particles with alcohol in supercritical CO₂(東北大院工,東北大院環)○増田美空,大田昌樹,猪股宏
- 1P091 pH-dependent luminescence properties of Au-SG clusters(山大工)○伊藤雄太,阿部元洋,広木僚也,宋侶洋,會田忠弘
- 1P092 Catalytic conversion of chitin to lactic acid by magnesium oxide(産総研,チュラロンコン大学)○山口有朋,Kun-AsaKodchakon,ReubroycharoenPrasert,山崎清行,三村直樹,佐藤修

【高分子化学/繊維化学】

- 1P093 化学修飾によるタンパク質の細胞内デリバリー(日大院工,日大工)○三田春奈,宗方泉稀,松本安平,鈴木萌,石原務
- 1P094 ペプチドを表面に修飾した機能性ポリ乳酸ナノ粒子の作製(日大院工,日大工)○室野井実紀,宮下侑子,伊藤悟,安田京磨,石原務
- 1P095 Development of Polymer Hydrogel for High efficiency Separation of Organohalogen Compound(弘大院理工)○須田尚季,竹浪鷹秀,呉羽拓真
- 1P096 ポリ乳酸の D 体含有率の違いが分子鎖形態に与える効果(山形大院有機,クレハ,山形大工)○植田佳世,福田夏生,春日翔,鈴木義紀,渡邊隆広,菊池守也,川口正剛
- 1P097 Swelling Behavior of Ionic Poly(*N*-isopropylacrylamide)Gels having Surfactant Counterions.(秋田大院理工)井上幸彦,○佐藤賢真,石井拓也,三浦光喜,進藤隆世志
- 1P098 Development of filler / acid-base composite material by RAFT polymerization with particles method for polymer electrolyte membrane(山形大工,山形大院理工,東北大多元研,山形大有機材料シスセ)○牧野勉,田端恵介,中崎晴稀,有田稔彦,増原陽人
- 1P099 Evaluation of Physical Properties and Phase Diagram of Biocompatible Hydrogels(弘大)○平山拓杜,呉羽拓真
- 1P100 発表中止
- 1P101 Synthesis and properties of perfluoroalkylene-containing polybenzoxazole by *in situ* silylation method(岩大院理工)○高橋駿太,塚本匡,芝崎祐二,大石好行

- 1P102 Synthesis and properties of perfluoroalkylene-containing polyarylene ethers(岩手大院理工)○渡辺和樹,塚本匡,芝崎祐二,大石好行
- 1P103 Synthesis and properties of triphenyltriazine-containing aromatic polyether(岩大院理工)○藤谷文太,塚本匡,芝崎祐二,大石好行
- 1P104 Poly (ionic Liquids) and filler composite material prepared by RAFT polymerization for Polymer Electrolyte Membrane (山形大院理工,東北大多元研,山形大有機材料シスセ)○中崎晴稀,田端恵介,鈴木亨奈,有田稔彦,増原陽人
- 1P105 Chromatographic Separation of Hydrophobic Compounds Using Phenylcarbamate-Modified Paper(山形大院理工)○熊澤祐哉,松村吉将,落合文吾
- 1P106 Analysis of Antibacterial activities of cationic polysiloxane polymers(日大工院)○谷口樹,横塚勇輝,市川司,根本修克,平野展孝,春木満
- 1P107 Preparation of near-infrared shielding polymer particles containing CWO nanoparticles.(山形大院有機,山形大工,大口電子(株))○工藤拓実,菊地守也,猪狩敦,長南武,川口正剛
- 1P108 Crystallization of cobalt-containing nitrile hydratase from *Pseudonocardia thermophila* for neutron crystallography(秋大院・理工,東農工大院・工)○和田凌太郎,仲本和義,松村洋寿,野口恵一,養王田正文,尾高雅文
- 1P109 複素芳香環を含むビニルスルフィド誘導体とフタルイミド/マレイミド誘導体のラジカル共重合による高屈折率ポリマーの開発(山大院有機)○渡邊伊吹樹,森秀晴
- 1P110 Efficient encapsulation of liposoluble hydroquinone by MPEG-PLLA(岩大院理工)○西條未来,塚本匡,大石好行,芝崎祐二
- 1P111 Development of thermoplastic poly(thymol) by regio-controlled oxidative polymerization(岩大院理工)○駒木良樹,塚本匡,大石好行,芝崎祐二
- 1P112 Metal-Free Hydrosilylation Polymerization of Unsaturated Ketone(東北大院工)○吉田直輝,朱慧娥,三ツ石方也
- 1P113 スルホニウムカチオン含有凝集誘起発光性ブロック共重合体の合成と蛍光共鳴エネルギー移動(FRET)による発光色制御(山形大院有機,山形大院有機)○野部祥太郎,森秀晴
- 1P114 マイクロ波加湿アニールによる poly(*N*-dodecyl acrylamide) の高速 lamellar 構造化(山形大院理工,山形大理)○大毛瑞貴,松井淳
- 1P115 BPA 認識能を有するインプリント膜の調製とその特性(八戸高専,八戸高専)○中島捷吾,佐藤久美子,菊地康昭

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- 1P116 Relationship between Proton Conductivity and Water Uptaken on Filler-filled Polymer Electrolyte Membrane(山形大工,山形大院理工,東北大多元研,山形大有機材料シスセ)○斎藤隆明,野原智裕,有田稔彦,増原陽人
- 1P117 Synthesis and photophysical property of pyrene substituted triacylglycerols(岩手大院工)○松川奈愛,葛原大軌
- 1P118 Study of adhesion between thermoplastic resin and metal using injection molding(岩手大院)○小林篤志,桑静,會澤純雄,平原英俊
- 1P119 Selective Ni plating using silane coupling agent with photoreactive functional groups(岩手大院)○村上真子,桑静,會澤純雄,平原英俊
- 1P120 Synthesis and conformation study of phenylalanine and tartaric acid intercalated Zn-Al layered double hydroxide(岩手大院,愛媛大院理工)○井田穂花,會澤純雄,桑静,平原英俊,佐藤久子
- 1P121 Etchless plating on insulating resin substrates using molecular bonding(岩手大院)○佐藤雅也,桑静,會澤純雄,平原英俊
- 1P122 Ammonia Oxidation Activity of Pt-based Anode Catalyst in Alkaline Media(秋田大院理工,秋田大理工)○佐藤ひかる,内藤友哉,高橋弘樹
- 1P123 Pb-base Anode Containing Complex Oxide for Oxygen Evolution Reaction in Zn electrowinning.(秋田大理工,秋田大理工院)○細島洋喜,中田泰斗,山口大輝,田口正美,高橋弘樹
- 1P124 Nonanal detection method under alkaline condition using vanillin and similar substances(東北工大院工,日本電気硝子)○佐藤優妃,丸尾容子,辻口雅人,相徳孝志,岩尾克
- 1P125 Enhanced photoluminescence quantum yield of perovskite quantum dots by bromide salts(山形大院理工,伊勢化学,山形大院有機シス,山形大有機材料シスセ)○菊池圭祐,大下直晃,浅倉聡,千葉貴之,増原陽人
- 1P126 Synthesis of Co-containing layered double hydroxide by hydrothermal and homogeneous precipitation methods(岩手大院,一関高専)○千田知香,熊谷陸駆,會澤純雄,桑静,平原英俊,木村寛恵
- 1P127 Synthesis and particle-size control of anti-cancer drug intercalated layered double hydroxide by coprecipitation method(岩手大院)○藤井奈央子,會澤純雄,桑静,平原英俊
- 1P128 Fabrication of Perovskite Solar Cells with a Top-Contact Carbon-Nanotube Thin Film by a Filtration-Transfer Method(山形大院理工)○安藤凜,佐藤大輝,石崎学,栗原正人
- 1P129 Development of a Filtration-Transfer Method for Carbon-Nanotube Thin Films and Evaluation for Silicon Solar Cells(山形大学院理)○佐藤大輝,栗原正人,石崎学

- 1P130 Fabrication of Transparent AgNW-SWCNT Composite Thin Films by a Filtration- Transfer Method(山形大院理工)○舟部未来斗,佐藤大輝,石崎学,栗原正人
- 1P131 カーボンナノチューブ薄膜—プルシアンブルー類似体で構成したバインダーフリー電極の電気化学挙動(山形大院理工)○寺島僚,石崎学,栗原正人
- 1P132 Preparation and Properties of Thermoplastic Epoxy Resin with Controlled Molecular Weight(秋田大院理工)○山下剛司,徳重英信,寺境光俊
- 1P133 Characterization of bismuth vanadate synthesized by solid-phase reaction(山形大院理,福島高専化学・バイオ工学科)○酒井啓寿,羽切正英
- 1P134 Effect of structural properties of titania pillared mica on the adsorption kinetics of methylene blue(秋田大院理工)○北林茂明,齋藤陸,池内孝夫,井上幸彦,進藤隆世志

【電気化学】

- 1P135 Microfluidic device with porous electrodes for electrochemical cell analysis(東北大院環境,東北大院工,東北大学際研)○宇田川喜信,伊野浩介,梨本裕司,珠玖仁
- 1P136 Metal Linkers and Edge States on Coordination Nanosheets Accelerate Hydrogen Evolution Reaction(東北大院環境,AIMR,物材研 MANA,東京理科大)○佐藤篤季,熊谷明哉,TanChoon Meng,WangYing Chiao,福居直哉,前田啓明,珠玖仁,塚越一仁,西原寛
- 1P137 Improved photoanode performance of cadmium sulfide prepared through repeated trials of chemical bath deposition(弘前大院理工)○土角英也,阿部敏之
- 1P138 Trimetallic sulfides derived from tri-metal-organic frameworks as anode material for advanced sodium ion batteries(弘前大学,地域戦略研究所)○王佳佳,岳喜岩,于涛,阿布里提,官国清
- 1P139 Oxygen reduction and evolution reactions on the graphene electrode investigated by electrochemical impedance spectroscopy(東北大院理)○坂下晃輔,橋本恒也,徐呈暘,葛愛民,井上賢一,叶深
- 1P140 Corrosion behavior of various metals in LIB electrolyte(岩手大院理工)○田口未来,鈴木映一,八代仁
- 1P141 Examination of high corrosion resistance Zn/Ni/Bi ternary plating bath composition(日大工)○小林以弦,佐藤大介,吉尾新