

ポスターセッション第1部

9月21日(土)15:30~17:00

【無機/分析/環境化学】

- 1P001 イオン液体ポリマーブラシ/シリカ複合微粒子(PSiP)間で形成された狭小空間の特性評価(鶴岡高専専攻科)○佐々木起輝,上條利夫,荒船博之,森永隆志,佐藤貴哉
- 1P002 Effect of the pore size of porous glass on the reaction between the Schiff's reagent and nonanal(東北工大院工,日本電気硝子(株))○阿部捺美,丸尾容子,辻口雅人,高瀬寛典
- 1P003 スルフィド基を含むマンガンカルボニル錯体の光誘起 CO 放出挙動(福島大院理工)○菅野貴敏,高瀬つぎ子,大山大
- 1P004 Measuring cell monolayer permeability using scanning electrochemical microscopy(東北大院環境,東北大院工,東北大学際研,)○藤井遼太,梨本裕司,伊野浩介,珠玖仁
- 1P005 Aggregated amyloid- β and its protease-resistance(東北大・薬,東北大・院・薬)○嘉藤大,李宣和,大江知行
- 1P006 Pyridoxamine can scavenge neurotoxic dopamine o-quinone(東北大・薬,東北大・院・薬)○松本直也,李宣和,大江知行
- 1P007 Directional control of angiogenesis using a probe culturing fibroblast cells(東北大院環境,東北大院工,東北大学際研,東北大工)○今泉拓斗,上野里美,梨本裕司,伊野浩介,珠玖仁
- 1P008 Nanoscale imaging of a tissue interface in a microfluidic device using scanning ion conductance microscope(東北大院環境,東北大学際研,東北大院工,さきがけ,東北大 AIMR,金沢大ナノ生命科学研)○阿部充里,梨本裕司,井田大貴,熊谷明哉,高橋康史,伊野浩介,珠玖仁
- 1P009 Microstructure control of calcium phosphate bone cement by using granular raw materials(東北大院環境)○浅原叶,上高原理暢,松原秀彰
- 1P010 Surface modification of noble metal catalyst with vanadium-substituted silicotungstates(東北大院工)○桑田彩加,中川善直,田村正純,富重圭一
- 1P011 Relationship between the molecular structures of nitrophenylhydrazine derivatives and their reactivity with acetone(東北工大 工)○伊藤幸大,河村直人,丸尾容子
- 1P012 Temperature dependence for a measurement of formaldehyde by vaper liquid equilibrium and RGB analysis of analytical chip (東北工大院工)○岡澤宏樹,鈴木明日也,丸尾容子
- 1P013 Development of carbon alloys retaining the coordination structure of Fe porphyrins(東北大・多元研,大阪大・太陽エネ化研セ,大阪産技研,九大・先導

研)○高橋和馬,山本雅納,西原洋知,大和田真生,京谷隆,岩瀬和至,神谷和秀,丸山純,谷文都

- 1P014 Filtration of bentonite suspension using cationic surfactant as flocculant(秋大院理工)○佐藤啓,中村彩乃,村上賢治
- 1P015 Reductive deposition of platinum group metals using microwave(山形大工,山形大院理工)○加藤幸太,波多野百花,佐々木貴史,遠藤昌敏
- 1P016 Lipid hydroperoxide-derived insulin resistance in L6 skeletal muscle cells(東北大院薬)○筒井瑞紀,松永淳,李宣和,大江知行
- 1P017 Stepwise Halogenation and Functionalization of Two Acetylene Ligands Bridged to Tetrairon Core(弘前大院理工)○笹郁也,居倉捷人,太田俊,岡崎雅明
- 1P018 Reactivity of the Cationic [CCH] Subunit Bridged over Tetrairon Core. Application for the Lewis Acid Catalyst(弘前大院理工)○舟田涼,太田俊,岡崎雅明
- 1P019 Adsorption of H₂S using metal ion-exchanged zeolites(山形大工,山形大院理工)○石山真帆,佐々木貴史,遠藤昌敏
- 1P020 Coating of water-based inorganic paints with superheated water steam system (山形大工,山形大院理工)○下崎愛奈,佐々木貴史,遠藤昌敏
- 1P021 Synthesis and Properties of Rhenium Complexes Bearing a Bis(silyl)xanthene Ligand(東北大院理)○東周論,小室貴士,飛田博実
- 1P022 色素性種子のESRイメージングによる画像解析(弘前大院保健)○中川公一
- 1P024 Liquid phase reaction of heteroatom compounds(山形大理工学研究科)○中西紀,沢上礼佳,多賀谷英幸
- 1P025 Culture of hMSC and Observe by SICM(Grad.Sch.Env.,Tohoku Univ.,Grad.Sch.Eng.,Tohoku Univ.,FRIS,Tohoku Univ.)○張旭陽,伊野浩介,梨本裕司,珠玖仁,中村拓生
- 1P026 Template synthesis of graphene mesosponges using different types of alumina nanoparticles(多元研,総合研究所)○後藤駿輔,野村啓太,山本雅納,西原洋知,伊藤仁,内村允宣,京谷隆
- 1P027 Effect of H₂ reduction conditions of Fe/SBA-15 catalyst on Fischer-Tropsch reactivity(秋田大院理工)○伊藤颯,江刺家淳大,池内孝夫,進藤隆世志
- 1P028 The Influence of Synthesis Process on The Morphology and Oxygen Storage Performance of YBaCo₄O_{7+δ}(東北大多元研)○陳亭儒,朝倉裕介,殷澍
- 1P029 Morphological control of Na₅W₃O₉F₅ under solvothermal condition(東北大多元研)○赤平朋代,朝倉裕介,殷しゅう

【物理化学】

- 1P030 Solvation structure of Li^+ in concentrated LiTfSA-Acetonitrile solutions(山形大理)○佐治葵,亀田恭男,天羽優子,臼杵毅
- 1P031 Electron distribution within H_2O molecule in the liquid state studied by X-ray diffraction(山形大理)○井上佳乃,亀田恭男,天羽優子,臼杵毅
- 1P032 X-ray diffraction study on the structure of aqueous glycyglycine solutions(山形大理)○久保友南,亀田恭男,天羽優子,臼杵毅
- 1P033 Photodissociation processes of Ar-O_2^+ complex ion studied with a mass-analyzed imaging technique(東北大理,東北大院理)○小湊瑞央,伊藤悠吏,中島祐司,奥津賢一,中野元善,美齊津文典
- 1P034 Microscopic analysis of solvation structure of Li^+ in DMF solutions(山大院理)○齋藤周,亀田恭男,臼杵毅,天羽優子
- 1P035 Structures of yttrium oxide cluster cations studied by ion mobility mass spectrometry(東北大理,東北大院理)○三竿洋太郎,中野元善,美齊津文典
- 1P036 Infrared spectroscopy of intermediate in the McLafferty rearrangement of ionized pentanone(東北大院理)○安本凌,松田欣之,藤井朱鳥
- 1P037 Structures of tetraalkylammonium cations studied by ion mobility mass spectrometry(東北大理,東北大院理)○佐藤良亮,田井中創太,宮崎舜,大下慶次郎,美齊津文典
- 1P038 Effect of L-amino acid additives on nucleation and crystal growth of DL-asparagine(山形大院理工,山形大理)○森元広之,鶴浦啓,並河英紀
- 1P039 Formation of Self-Organized Liesegang Pattern in Gradient Reaction Field(山形大院理工,山形大理)○板谷昌輝,方青,鶴浦啓,並河英紀
- 1P040 Mechanism of efficient delayed fluorescence from tetracene densely dispersed in polymer(日大工)○福島未彩,加藤隆二
- 1P041 Photoinduced electron injection dynamics in dye-sensitized anatase, brookite and rutile TiO_2 films(日大工)○和久井大輝,加藤隆二
- 1P042 Measurements of absorption spectra of bromide ion in ultra-thin water layer on KBr crystal using highly sensitive absorption spectrometer(日大工)○溝井雄登,加藤隆二
- 1P043 Estimation of quantum yield of very weak fluorescence from powder samples(日大工)○白井佑季,加藤隆二
- 1P044 Effect of deuterium substitution on fluorescence properties of perylene excimer(日大工)○柴崎裕也,加藤隆二
- 1P045 近赤外分光法による日本酒の糖評価(弘大教育,D.K.K.,YoKa FSL)○細矢浩大,藏真奈,日下実紗子,村中文人,加藤陽治,島田透
- 1P046 シリコンラインアンドスペース構造における赤外吸収の増強(弘大教育,弘大院理工)○島田透,生田咲智,鈴木裕史

- 1P047 Construction of mathematical model for Liesegang phenomenon with polymerization reaction(山形大院理工,山形大理)○佐藤大介,清水祐司郎,方青,鵜浦啓,松井淳,並河英紀
- 1P048 Initial Process of Amyloid β Adsorption on Lipid Membrane under Non-equilibrium Fluidic Condition(山形大院理工,山形大理)○飯田茜,鵜浦啓,並河英紀,,
- 1P049 Effect of non-equilibrium flow on the interaction between amyloid beta and lipid membrane(山形大理,山形大院理工)○安部光洋,飯田茜,鵜浦啓,並河英紀
- 1P050 Change in the packing structure of lipid bilayer membrane due to the addition of oxidized lipids(山形大理,山形大院理工)○渡邊良太,大内裕也,飯田茜,鵜浦啓,並河英紀
- 1P051 Periodicity of phase separated structure in gelatin/sugar mixed thin film(山形大理,山形大院理工)○塚田歆太,佐々木将人,佐藤大介,板谷昌輝,鵜浦啓,並河英紀

【有機化学】

- 1P052 A simple and efficient method for synthesis of 2-amino-1,3,5-triazines (2-アミノ-1,3,5-トリアジン誘導体の合成方法の開発)(山形大院理工,大阪ガスケミカル(株))○加藤成美,木島龍朗,村上聡,松葉滋,波多野豊平,宮内信輔,大内祐輝,山形憲一,立川友晴
- 1P053 ジホスフィンおよびペンタフェニルシクロペンタホスフィンを用いる非対称ビス複素環ホスフィン化合物のロジウム触媒合成(東北大院薬)有澤美枝子,澤畑恭佑,○大橋慶一郎,山口雅彦
- 1P054 Rhodium-Catalyzed Thiophosphorylation Reactions of Peptide Disulfides(東北大院薬)有澤美枝子,○福本昂平,山口雅彦
- 1P055 Asymmetric hydrogenation of ketones by chiral ligand-modified CeO_2 -supported noble metal catalysts(東北大院工)○林上奈央,田村正純,中川善直,富重圭一
- 1P056 Chiral Strong Brønsted Acid-Catalyzed Enantioselective Carbonyl-Ene Reaction and Friedel-Crafts-Type Reaction of Simple Olefins with Glyoxylate(東北大院理)○相澤佑季,菊池隼,寺田眞浩
- 1P057 Solventless lactamization under zeolite inclusion(山大院)○朝倉彰啓,栗山恭直
- 1P058 Solvent-Free Asymmetric 1,4-Addition Reaction Using Homogeneous Chiral Rh Catalyst(岩手大院理工)○郡宏翔,是永敏伸
- 1P059 Pd-catalyzed Coupling Reactions using Novel Electron-Poor Buchwald-type Ligand(岩手大理工)○小嶋理白,是永敏伸

- 1P060 Preparation of Thiacyclic Compounds from Aromatic Disulfides with Diols under Copper Catalyst(山形大院理工)○佐藤蒼馬,皆川真規
- 1P061 芳香族チオールとジオールの直接的環化反応(山形大工)○佐藤佑哉,皆川真規
- 1P062 新奇第一級アミン型不斉有機触媒を用いる不斉アルドール反応(日大院工,日大工)○城山峻平,横山岳史,玉井康文
- 1P063 Friedel-Crafts acylation reaction using succinimide-type active esters.(山形大院有機)○岩谷懂子,前山勝也
- 1P064 Reactions of 1-(adamantylsulfanyl)-2-(bromoethynyl)benzene derivatives with secondary amines(東北大院理)○吉田周平,豊田耕三
- 1P065 Aerobic Oxidative Kinetic Resolution of Racemic Secondary Alcohols by Chiral Tridentate Nitroxyl Radical/Copper Catalysis (東北大院薬,茨城大院理工)○笹野裕介,笠畑洸希,小暮直貴,川島恭平,森聖治,岩渕好治
- 1P066 Screening of inhibitors for RNase H activity of HIV reverse transcriptase from natural medicines.(日大院工,日大工)○瀬間凌佳,平野展孝,春木満
- 1P067 New phthalimide type detection reagent for solid phase peptide synthesis(山形大院理工)○鈴木莉緒,笠井美郁,今野博行
- 1P068 Synthetic study of Berberine analogues toward Amyloid- β aggregation inhibitors (山形大院理工)○田尻美理,山田亮,穂積真由美,今野博行
- 1P069 Synthetic study for cyclic depsipeptide deca-transin(東北大院薬)大澤宏佑,○深谷早紀子,土井隆行
- 1P070 Synthetic study for cyclodepsipeptide teixobactin(東北大院薬,三重大院生資)大澤宏祐,○趙 Hongbin,徳永拓野,増田裕一,土井隆行
- 1P071 Neighboring group effects in Pauson-Khand Reaction(東北大院生命)○浅野翔太,一刀かおり,有本博一
- 1P072 Asymmetric Total Synthesis of Latanoprost Using Organocatalysts(東北大院理,北大院先端生命)○河内元希,梅宮茂伸,谷口透,門出健次,林雄二郎
- 1P073 Biomimetic synthesis of carthamin via oxidative decarboxylation of its precursor(山形大院理工)安部優香,○五月女拓生,佐藤慎吾
- 1P074 リスタバクチン A の全合成研究(秋田大院理工)○須田優介,下澤省吾,近藤良彦,秋葉宇一,藤原憲秀
- 1P075 天然色素シュードセロシンの合成研究(秋田大院理工)○高木絵梨,近藤良彦,秋葉宇一,藤原憲秀
- 1P076 サモアミド A の全合成研究(秋田大院理工)○静谷光,菅原治,近藤良彦,秋葉宇一,藤原憲秀
- 1P077 Facile synthesis of cyclopentenone from glucose derivative(東北大多元研,フロムシード(株))○渡辺俊碩,小関良卓,神島堯明,笠井均
- 1P078 還元糖定量法に対するヒドロキノンの影響(日大工)○河原駿太,小林厚志
- 1P079 Synthesis for the optically active compounds of cyclic oxime selenide (光学活性な環状オキシムセレン化合物の合成)(山形大院理工,山形大工)○今野亜衣,倉兼春樹,波多野豊平,村上聡,木島龍朗

- 1P080 Synthesis of the organic-inorganic hybrid amphiphilic molecules with ferrocene moiety (フェロセンを有する有機-無機ハイブリッド両親媒性分子の合成)(山形大院理工,山形大工)○渡辺翔,波多野豊平,村上聡,木島龍朗
- 1P081 Galation of halogenated solvents using sugar based gelators (山形大院理工)○笹岡雄生,伊藤和明
- 1P082 LCST behavior of amphiphilic β -CD derivatives: AIEE property via the complexation with fluorescent dyes(山形大院)○佐藤一樹
- 1P083 Synthesis and LCST behavior of amphiphilic coumarin derivatives(山形大院理工)○村山亮太,伊藤和明
- 1P084 LCST behavior of amphiphilic of C_{2v} symmetry compounds bearing branched OEG chains and pyrenyl moieties(山形大院)○伊藤和希,伊藤和明
- 1P085 Specific reactivity toward amine and aldehyde of *N*-Hydroxyphthalimide analogues: coloring and oxidation(山形大院理工)○笠井美郁,鈴木莉緒,今野博行
- 1P086 Solid phase synthesis of secretoglobin 3A2 type A fragments and analysis of their secondary structures(山形大院理工)○大河原彩花,菊池真梨子,佐藤優衣,黒谷玲子,今野博行
- 1P087 Synthesis and Characterization of Spiro-type Bithiophene Derivatives Functionalized with Aryl Group(岩手大理工)○山下愛結美,村岡宏樹,小川智
- 1P088 LCST behavior of aryl ether AB_2 -type Dendron derivatives: amplification of Hofmeister salt effect by alcohol addition(山形大院理工)○村山敦紀,松永彩果,伊藤和明
- 1P089 Self-organization and structural control of bis crown ether type photoresponsive amphiphilic molecules(光応答両親媒性分子の自己組織化および構造制御検討)(山形大院理工,山形大工)○富山裕一,高橋拳,波多野文平,村上聡,木島龍朗
- 1P090 Synthesis of Spin Labeled Agricultural Chemical (スピンラベル部位を導入した農薬誘導体の合成)(山形大院理工)○木名瀬愛美,木島龍朗,村上聡,松葉滋,波多野豊平
- 1P091 Kinetic analysis and substrate analog synthesis of farnesyl diphosphate synthetase (ファルネシルニリン酸合成酵素の基質アナログ合成と in situ での反応速度論解析)(山形大院理工,山形大工,山形大理)○寄兼星詩,木暮隆裕,小山拓馬,大谷典正,波多野豊平,村上聡,木島龍朗
- 1P092 Photochemical domino reactivity of terminally-fluorinated [7]helicenes with different fluorine substitution patterns(山形大理,山形大院理工)○鈴木雄斗,松田千可子,村瀬隆史
- 1P093 Synthesis and Properties of Thiophene-fused Tryptanthrin Congeners(信州大理)阿部幹弥,太田哲,庄子卓,○関口龍太
- 1P094 Synthetic study of Ralstonin A and Ralstoamide A: Construction of cyclic fragment and preparation of Ahod moiety(山形大院理工)○大山貴恵,今野博行

- 1P096 Synthesis and self-assembly behavior of fluorescein derivatives bearing gallic acid with OEG or alkyl chains(山大院理工)○野尻啓悟,内山剛志,伊藤和明

【化学工学】

- 1P097 Control of L-cysteine polymorphism by investigation of crystallization operation conditions(岩手大学)○中田圭重,土岐規仁,横田政晶
- 1P098 強制薄膜式リアクターによるペロブスカイトナノ結晶のフロー合成(山形大院理工,山形大工,山形大院有機シス,山形大有機エレ研,伊勢化工)○武田将貴,呂伯璋,兎澤啓太郎,千葉貴之,浅倉聡,増原陽人
- 1P099 超音波粉碎加工技術によるペロブスカイトナノ結晶の創製とデバイスへの導入(山形大工,山形大院理工,山形大院有機シス,山形大有機エレ研,伊勢化工)○榎本純哉,佐々木大輝,梅本和輝,手塚優樹,高橋佳人,千葉貴之,浅倉聡,増原陽人
- 1P100 Preparation and structure of ruthenium-graphite composite(岩手大学院総,岩手大理工)○林滉太,七尾英孝,白井誠之
- 1P101 Preparation and structure of rhodium-graphite composite(岩手大理工,岩手大学院総)○蘇武智樹,袖野美果,七尾英孝,白井誠之
- 1P102 Lubricity improvement of water-containing [Dmim][DMP] by addition of hydrophobic ionic liquids(岩手大学院総,岩手大理工)○八重樫友人,青木一樹,白井誠之,七尾英孝
- 1P103 射出成形と熱プレス法によるハイブリッドナノ粒子を導入したプロトン伝導性電解質膜の開発(山形大工,山形大院理工,東北大多元研,山形大有機エレ研)○嶋田隆一郎,野原智裕,有田稔彦,増原陽人
- 1P104 Hydrogenation of 4-propylphenol over graphite supported palladium-platinum catalyst in aqueous ethanol solution(岩手大,岩手大院総,産総研)○法量大輝,皆川直祐,永澤佳之,七尾英孝,佐藤修,山口有朋,白井誠之
- 1P105 Fabrication of microstructure by photoannealing of polymer nanoparticles dispersed in water(山形大院理工,山形大工)○秋葉裕介,千藤樹,伊藤雄太,會田忠弘
- 1P106 Formation of oriented tubular nanopores in polymer films using electrospun PVA nanofibers as template(山形大院,山形大工)○宮下高志,モハマド ファリド モハマド ファイズヒシャムディン,伊藤雄太,會田忠弘
- 1P107 Luminescence properties of Au₂₅ cluster embed in polymer films(山形大院理工)○阿部元洋,広木僚也,宋侶洋,高橋功太郎,伊藤雄太,會田忠弘
- 1P108 Cavitation and sonoluminescence properties of acetylene-dissolved water under 40kHz ultrasound irradiation(山形大院理工)板垣暁,○市川雄太郎,伊藤雄太,會田忠弘

【高分子化学/繊維化学】

- 1P109 シルセスキオキサン微粒子とディーブ共融混合体を融合させた新規イオン伝導性ハイブリッドの創成(山形大院有機)○谷崎佑真,森秀晴
- 1P110 溝呂木-Heck カップリング重合によるフルオレン及びチオフェン骨格を有する共役高分子の合成(山形大院有機)○千葉柊,前山勝也
- 1P111 トレオニン含有ブロック共重合体を用いた刺激応答機能を有する発光性ナノ粒子の開発(山形大院有機)○片岡奎太,森秀晴
- 1P112 Synthesis and properties of poly(silarylenesiloxane) derivatives based on dithienosilole moiety (日大院工,日大工)○片寄裕也,大倉瑠莉,権守柚季,市川司,根本修克
- 1P113 高屈折材料を指向したポリビニルセレンオフェン誘導体の合成(山形大院有機)○徳下喜久,渡部愛理,中林千浩,森秀晴
- 1P114 三官能性モノマーを用いた芳香族求核置換重合による分岐芳香族ポリエーテルケトンの合成(山形大院有機)○鈴木駿希,前山勝也
- 1P115 多分岐ポリグリシドールを核とする新しい機能性材料の開発(山形大院理工,山形大工)○佐藤力哉,阿部雅大,猪野春菜,及川風花
- 1P116 ビオロゲン構造を多数有するゲルの合成と特性評価(山形大院理工,山形大工)○佐藤力哉,三部翔太郎,遠藤潤也,浅野寛人
- 1P117 Preparation of Cathode Catalyst for PEFC with Heat Resistant Structure Using Metal Phthalocyanine(日大院工,日大工,クミアイ化学工業(株))○荒井絢斗,宮田峻,市川司,小林以弦,根本修克,北川雄大,吉岡孝太良,秋本雅史
- 1P118 Synthesis and characterization of Polysiloxanes through Piers-Rubinsztajn reaction(東北大院工,多元研)○蛭田将伍,朱慧娥,三ツ石方也
- 1P119 Synthesis and polymer properties of poly(phenylene ether ketone) (PPEK) derivatives(岩手大理工)○今翔一郎,三浦航,村岡宏樹,小川智
- 1P120 Controlled Radical Polymerization of Macromonomer with Cyclic Initiator(山形大院有機,山形大工)○宮崎翼,菊地守也,川口正剛,熊木治郎,鳴海敦
- 1P121 ポリ乳酸をブレンドした脂質ナノ粒子の開発(日大院工,日大工)○安田京磨,吉田拓弥,石川夏子,石原務
- 1P122 ボラン-N,N-ジエチルアニリン錯体を開始剤とする様々なビニルモノマーの重合挙動(生文大ポリケミラボ)○菅野修一
- 1P123 N-ヘキシルピリジニウムテトラフルオロボレートを開始剤とするラジカル重合の制御方法に関する研究(生文大ポリケミラボ)○菅野修一
- 1P124 Synthesis and properties of high-refractive index polythiocyanurates from alkylthiotriazinedithiols(岩手大院工)○史松炎,塚本匡,芝崎祐二,大石好行
- 1P125 低結晶性セルロースへの固液反応によるカルボキシ基の導入(山形大学大学院,山形大学大学院)○秋山航希,香田智則,西岡昭博,松村吉将,落合文吾
- 1P126 Preparation and properties of hyperbranched polybenzoxazole/silica hybrid films by silylation method(岩手大院総理工)○セツ役光輝,塚本匡,芝崎祐二,大石好行

- 1P127 ホスファチジルコリンを化学修飾したタンパク質の合成とその活性評価(日大院工,日大工)○宗方泉稀,松本安平,星貴也,澁谷美咲,石原務
- 1P128 Synthesis and properties of aromatic polybenzimidazoles containing triphenyltriazine moieties(岩手大院総理工)○中村聖斗,塚本匡,芝崎祐二,大石好行

【材料化学】

- 1P129 In 系層状銅酸化物の合成と物性評価(山大大学院)○渋谷往拓,神戸士郎
- 1P130 イオン液体型ダブルネットワークゲルの作製と特性評価(鶴岡高専専攻科)○渡会祐馬,荒船博之,上條利夫,森永隆志,佐藤貴哉
- 1P131 濃厚ポリマーブラシを形成させた陽極酸化ポーラスアルミナを用いた低摩擦材料の開発(鶴岡高専)○伊藤千紗,上條利夫,荒船博之,本間彩夏,森永隆志,佐藤貴哉
- 1P132 Material recycling of polymeric wastes(山形大院理工)○吉田亜美,小山樹,多賀谷英幸
- 1P133 Electrochemical properties of porous NiO thin films prepared from Ni-MOF deposition layers (山大院理工)武田悠靖,○鶴沼英郎
- 1P134 廃複合素材の溶剤処理による再資源化(山形大院理工)○土屋里愛,菅谷洵弥,多賀谷英幸
- 1P135 発光デバイスを指向した添加配位子の炭素鎖長によるペロブスカイトナノ結晶のサイズ制御と光学特性評価(山形大院理工,山形大工,山形大院有機シス,山形大有機エレ研,伊勢化工)○手塚優樹,榎本純哉,サシハパーローブタン,高橋佳人,千葉貴之,浅倉聡,増原陽人
- 1P136 Development of Proton Conductive Membrane by Polymer Coated Cellulose Nanocrystals(山形大院理工研,山形大工,東北大多元研,山形大有機エレ研)○野原智裕,嶋田隆一郎,有田稔彦,増原陽人
- 1P137 Honeycomb Film Composed of α -MnO₂@PDA-SH Nanoparticles for Capacitor Electrode(山形大院理工研,山形大工,東北大 FRIS,東北大 WPI-AIMR,山形大 ROEL)○神田龍兒,横山雅晃,平井裕士,吉田司,阿部博弥,藪浩,増原陽人
- 1P138 Super ionic conduction of Ag⁺ in x AgI - (1-x) Ag₂CO₃ solid electrolytes(山形大工,山形大院,JASRI,山形大理,東北大多元研)○鈴木涼志,渡辺裕太,伊奈稔哲,北浦守,山根久典,松嶋雄太
- 1P139 Molecular dynamics simulation on phosphor host compounds based on lithium aluminate(山形大工,静岡大工,静岡大電研,東北大多元研,山形大院)○市川丈一郎,佐藤智香,小南裕子,原和彦,垣花真人,松嶋雄太
- 1P140 Preparation of All-Biocomposite Filler for Novel Inlay(山形大院理工,東北大多元研,山形大有機エレ研)○佐藤亮太,有田稔彦,増原陽人

- 1P141 Synthesis, Crystal Structure and Properties of Indoline-Based Tricarbocyanine with Sulfopropyl Substituents(山形大工,山形大院有機)○木村紗百合,一條敬祐,山門陵平,岡田修司
- 1P142 Fabrication of hinokitiol-modified podophyllotoxin nano-prodrugs and controlling their drug release(東北大多元研,福島高専化バイ)○谷田恵太,小関良卓,清水和恵,梅澤洋史,笠井均
- 1P143 Fabrication of Insoluble Thin-Films by Scholl Reaction(岩手大院理工)○小川倫弥,葛原大軌,吉本則之
- 1P144 Molecular Orientations of Quarterthiophenes with Symmetric and Asymmetric Alkyl Chains(岩手大理工,岩手大院理工)○佐藤慧,大場涼矢,葛原大軌,吉本則之
- 1P145 Ultraviolet sensing using polycrystalline layers of wide band gap semiconductors(山形大工,山形大院)○武内優汰,福島大輔,松嶋雄太
- 1P146 Deep red luminescence of 3d transition metals in lithium aluminates(山形大院,静岡大工,静岡大電研,東北大多元研)○田村豪人,小林里帆,鎌田雄貴,小南裕子,原和彦,垣花真人,松嶋雄太
- 1P147 Synthesis of Multicomponent Crystals Containing Pyridinium Benzenesulfonate(山形大工,山形大院有機)○宇野耕也,田中佑果,山門陵平,岡田修司
- 1P148 Adsorption properties of CeO₂ nanoparticles for several types of gas molecules(山形大院)○金原恵太,松嶋雄太
- 1P149 Highly Efficient Perovskite Quantum-Dot Light-Emitting Device by Gel permeation chromatography as new purification process and Interfacial Engineering using Alkyl Ammonium Salt Layer(山形大院有機,山形大有機工レ研セ,山形大有機材料セ)○江部日南子,千葉貴之,高橋佳人,佐藤純,大久哲,城戸淳二
- 1P150 High-Efficient Perovskite Quantum-Dots LEDs Based on Low Dielectric Constant Washing Solvent "Diglyme"(山形大院有機,山形大有機工レ研セ,山形大有機材料セ)○高橋佳人,保志圭吾,佐藤純,江部日南子,千葉貴之,大久哲,城戸淳二

【電気化学】

- 1P151 Vanadium Redox Flow Batteries Fabricated by 3D Printing and Employing Recycled Vanadium Collected from Ammonia Slag(山形大工,山形大院理工,山形大院有機材料システム,Linz Univ.)○小野寺海音,西海信之,孫鶴,高橋寛貴,鎌田雄貴,佐藤慧,松嶋雄太,AjitKhosla,川上勝,古川英光,PhilipStadler,吉田司
- 1P152 Morphology and size control of Zinc-Terephthalate metal organic frameworks and their influence to redox properties.(山形大工,山形大院理工,山形大院有機材料システム)○中鉢智士,植田將太郎,中村天彰,平井裕士,吉田司

- 1P153 Synthesis of carboxylated viologen cations and formation of CT salts with 1,3-Bis(dicyanomethylidene)indan anion(山形大工,山形大工,山形大院理工,山形大院有機材料システム)○山口寛登,齋藤恵里佳,宇野耕也,山門陵平,岡田修司,吉田司
- 1P154 Dye loading mechanism in electrochemical self-assembly of CuSCN / organic dye hybrid thin films(山形大工,山形大院理工,山形大院有機材料システム)○鈴木透,中村天彰,宇田恭太,津田勇希,山門陵平,岡田修司,吉田司
- 1P155 Construction of organo-photocathode featuring p-n bilayer towards artificial photosynthesis of hydrogen peroxide from molecular oxygen (弘前大院理工)○池添光亮,阿部敏之
- 1P156 Development of efficient organo-photocathode for hydrogen production on the basis of the preparation of a novel bimetallic co-catalyst(弘前大院理工,東工大化生研)○前川裕哉,長井圭治,阿部敏之
- 1P157 Discharge-Charge Characteristics of Aluminum Secondary Batteries using Chloroaluminate Ionic Liquid Electrolyte(岩手大院理工)宇井幸一,○藤島凌,竹口竜弥
- 1P158 Microstructural Analysis of Metal - Carbon Composite Materials and The Influence on Discharge - Charge Characteristic of Lithium - Air Secondary Batteries(岩手大学院理工)○佐藤成美,竹口竜弥,宇井幸一
- 1P159 Modeling of oxygen reduction reaction in porous carbon materials in alkaline medium. Effect of microporosity.(東北大多元,アリカンテ大材料)○我部篤,ラミロルイスロサス,カロリーナゴンザレスガイタン,エミリアモラヨン,ディエゴカッソーラアモロス
- 1P160 「Electrocatalytic activity towards oxygen reduction reaction of PtCo-M/C alloy nanoparticles with enhanced ECSA」ECSA の増強による PtCo-M/C 合金ナノ粒子の酸素還元反応に対する電極触媒の活性(岩手大院工)○ガラブドルジバトニャク,宇井幸一,竹口竜弥
- 1P161 Evaluation of respiration activity of bovine milk by SECM for diagnosis of mastitis(東北工大,東北工大院,杜の熊 動物病院)○齋藤咲椰,熊谷龍馬,高梨遥,高橋雄太郎,佐藤佑咲,熊谷正志,葛西重信
- 1P162 Evaluation of respiratory burst of bovine milk by SECM for diagnosis of mastitis(東北工大,東北工大院,杜の熊 動物病院)○高梨遥,熊谷龍馬,齋藤咲椰,高橋雄太郎,佐藤佑咲,熊谷正志,葛西重信
- 1P163 Electrochemical patterning of biocompatible hydrogel for cell culture(Grad. Sch. Env., Tohoku Univ., Grad. Sch. Eng., Tohoku Univ., FRIS, Tohoku Univ.)○田村綾子,伊野浩介,平典子,梨本裕司,珠玖仁
- 1P164 Development of an electrochemical aptasensor for detection of cancerous exosomes(Grad. Sch. Env., Tohoku Univ., Grad. Sch. Eng., Tohoku Univ., FRIS, Tohoku Univ)○LIANAMOHD ZULKFILY,伊野浩介,梨本裕司,珠玖仁