

ポスターセッション第 1 部

9 月 15 日(土)15:30~17:00

【無機/分析/環境化学】

- 1P001 SERS peak intensity change by aggregation of Au colloids.
(日大工)○長鈴知樹,須田華菜,沼田靖,田中裕之
- 1P002 Recovery of iron from copper smelter slag by phosphoric acid
(福島高専)○羽切正英,多田琴音,小野拓実,本田一史,内田修司
- 1P003 Recovery of the platinum group metals from catalytic converter by microwave irradiation
(山大工学部物工,山形大院理工)○中村駿治,飯島菜,佐々木貴史,遠藤昌敏
- 1P004 Development and Investigation of Nano-sized Titanium-based Oxide Negative Electrode Properties(八戸高専)○佐藤真帆,門磨義浩,長谷川章
- 1P005 Effect of Fe particle size on reduction of Fe/SBA-15 catalysts for Fischer-Tropsch synthesis(秋田大院理工)○伊藤颯,池内孝夫,進藤隆世志
- 1P006 Humidity dependence on absorption spectra of phenylhydrazine derivatives in a porous glass(東北工大院工,東北工大工)○鈴木義史,丸尾容子
- 1P007 Preparation and characterization of nanomolecular composite by the reaction of metal hydroxide with organic dicarboxylic acid
(山形大院)○弓野健太郎,鏑木昂宏,多賀谷英幸
- 1P008 Filtration of bentonite suspension using temperature responsive polymer
(秋大院理工)○佐藤啓,中村彩乃,村上賢治
- 1P009 Quantitative analysis of L-ascorbic and dehydroascorbic acids using Raman spectroscopy.(日大工)○古澤弘智,沼田靖,田中裕之
- 1P010 Separation and recovery of Rh·Pd·Pt using natural zeolite
(山形大工,山形大院理工)○波多野百花,佐々木貴史,遠藤昌敏
- 1P011 Evaluation for catalytic ammonia synthesis activities of Ru/MgO-MOx catalysts
(東電大院工,山大院理工,産総研)○永田祐希,小林慶祐,小林大祐,難波哲哉
- 1P012 The aggregation of soil particles using poly(N-isopropylacrylamide) as a flocculant(秋大院理工)○中村彩乃,グェントウイ ガー,村上賢治
- 1P013 Preparation of low valent titanium compounds
(山形大院理,山形大理)○山崎祐輝,石崎学,富樫貴成,栗原正人,金井塚勝彦

- 1P014 Highly sensitive detection of bioactive substances using electrochemical device with nanocavities(東北大大学院環境,東北大大学院工)○伊藤健太郎,井上久美,伊野浩介,珠玖仁
- 1P015 Pyrolysis behavior of polyurethane elastomers with different hard- and soft-segment ratios(東北大院環境,フロンティア・ラボ,長崎大院工)○西山雄也,熊谷将吾,亀田知人,齋藤優子,渡辺壺,本九町卓,中谷久之,吉岡敏明
- 1P016 Cesium desorption from layered silicate mineral with quaternary ammonium salts(山形大工,国環研,昭和薬科大,山形大院理工)○藤岡凜太郎,三浦拓也,鈴木憲子,佐々木貴史,遠藤昌敏
- 1P017 Scanning Electrochemical Cell Microscopic Analysis on BCC-type Alloy Electrodes During Hydrogen Storage Reaction
(東北大院,東北大 AIMR,金沢大 WPI-NanoLSI,JST-PRESTO)○安永幹生,熊谷明哉,田中元基,高橋康史,末永智一,珠玖仁
- 1P018 Synthesis of Large Scorodite Particles Using a Combination of Ultrasound Irradiation and CO₂ Flow
(秋田大院理工)○北村優弥,大川浩一,加藤貴宏,菅原勝康
- 1P019 In-situ analysis of pyrolysis and thermal oxidative degradation products from polyimide(東北大院環境,フロンティア・ラボ)○佐藤眞純,熊谷将吾,亀田知人,齋藤優子,渡辺壺,吉岡敏明
- 1P020 Removal of ammonium using zeolite and prussian blue
(東北大院環境,日機装)○菊池晴菜子,亀田知人,熊谷将吾,齋藤優子,北川文彦,近藤昌幸,神保陽一,吉岡敏明
- 1P021 Construction of Titanium Oxide(IV) Nanoparticle Layers on Substrate and Their Function Evaluation(山形大院理工,山形大理,東北大多元研)
○辻聖子,石崎学,富樫貴成,栗原正人,松井淳,蟹江澄志,村松淳司,金井塚勝彦
- 1P022 Room temperature synthesis of delafossite-type AgMnO₂ by precipitation method.(秋田大院理工)○高木直斗,齊藤寛治,小笠原正剛,加藤純雄
- 1P023 Trapping efficiency of Formaldehyde by a reaction with β -diketone in the porous glass(東北工大工)○岡澤宏樹,鈴木明日也,丸尾容子
- 1P024 イネいもち病菌 *Magnaporthe oryzae* 由来新規ヘム含有膜タンパク質の非イオン性界面活性剤を用いた可溶化法の検討
(秋大院・理工,東大院・農生科)○本間陽名,及川千里,松村洋寿,鮫島正浩,五十嵐圭日子,小川信明,伊藤英晃,尾高雅文

【物理化学】

- 1P025 Observation of persistent luminescence from tetracene densely dispersed in matrices(日大工)○福島未彩,佐藤健太,加藤隆二
- 1P026 Adsorption of Amyloid β Peptides on Lipid Membrane under Nonequilibrium Fluidic Environment
(山形大理,山形大院理工)○飯田茜,大内裕也,野地美緒音,鵜浦啓,並河英紀
- 1P027 Effect of molecular modification on photochromism of blue-color cyanine dyes(日大工,-)○白井佑季,榎木正美,鈴木克史,村瀬哲司,今関重明,加藤隆二
- 1P028 Fast ionic conduction of Ag halide-oxide mixture after annealing
(山形大理)青柳桃子,○大崎雄哉,菊地美咲,臼杵毅,天羽優子,亀田恭男
- 1P029 A study of order-disorder phase transition of nonadecane using computer simulation
(秋田大院理工,秋田大地方創生セ)○早瀬仁丈暢,淀川信一,倉林徹,丹野剛紀
- 1P030 The structure and normal coordinates of electronically-excited flexible 1,2,4,5-tetrafluorobenzene(日大工院,日大工)○山本改,奥山克彦
- 1P031 超臨界エタノールの低振動ラマン散乱
(山形大理)○柿崎優也,天羽優子,亀田恭男,臼杵毅
- 1P032 Fluorescence properties of perylene in molten state
(日大工)○佐藤健太,加藤隆二
- 1P033 Effect of Oxidized Lipid on Permeation of Hydrogen Peroxide across Lipid Bilayer(山形大院理工,鹿児島大院医歯,山形大理)○大内裕也,富田和男,佐藤友昭,鵜浦啓,並河英紀
- 1P034 Solvation structure of Li^+ in methanol studied by neutron diffraction with $^6\text{Li}/^7\text{Li}$ isotopic substitution method
(山形大理)○佐藤晃一,亀田恭男,天羽優子,臼杵毅
- 1P035 Fluorescent responses of pyridyl benzothiazole derivative to acid molecules(東北大院工,東北大多元研,千歳技科大)○高橋慧瑚,中根由太,武田貴志,星野哲久,坂井賢一,芥川智行
- 1P036 Effect of morphology on spectral shift by electrode current in organic electronic materials(日大工)○島田康平,加藤隆二
- 1P037 Low frequency Raman spectra of Pentaethylene Glycol
(山形大理)○鈴木和樹,天羽優子,亀田恭男,臼杵毅
- 1P038 Size dependent reactivity of O_2 adsorption on silver nanocluster ions, Ag_n^+ ($n = 20 - 120$)(東北大理,東北大院理,(株)アヤボ)○門口真之,岩崎航,山本宏晃,戸名正英,塚本恵三,大下慶次郎,美齊津文典

- 1P039 Pressure dependence of GeO₂ glass structure
(山形大理)○山内明日美,小笠原楓,臼杵毅,天羽優子,亀田恭男
- 1P040 Reliable measurements of transient absorption in high concentrated solutions(日大工,阪大院工,-)○柴崎裕也,末延知義,中川達央,加藤隆二
- 1P041 Intensity distribution of two-photon transition due to the methyl-group internal rotation(日大工)○野田豪矩,奥山克彦
- 1P042 Preparation and structure of platinum-graphene composite.(岩手大工,岩手大学院総,岩手大理工)○袖野美果,加藤嵩介,山崎悠輔,七尾英孝,白井誠之
- 1P043 Effect of excitation light intensity on luminescence from TiO₂ photocatalysts(日大工)○張堯華,加藤隆二
- 1P044 Molecular Arrangements and Physical Properties of Ion-Pairing Dianionic Naphthalendiimide Derivatives(東北大院工,東北大多元研,京都大院工)○川崎涉,武田貴志,星野哲久,松田若菜,関修平,芥川智行
- 1P045 Structure analysis of LiTFSA-DMF solution by neutron diffraction with ⁶Li/⁷Li isotopic substitution method.(山形大学)○齋藤周,亀田恭男,天羽優子,臼杵毅

【有機化学】

- 1P046 Synthesis and LCST behaviors of 6-monosubstituted β -cyclodextrin derivatives bearing a OEG chain(山形大院工)○佐藤一樹,佐藤和昭,伊藤和明
- 1P047 Synthesis and photophysical properties of compounds with two 2-aminotryptanthrins(弘前大院理工)○山翔太郎,伊東俊司,川上淳
- 1P048 Synthesis and specific photochemical properties of cyclic siloxanes having pyrenyl groups.(山大院理工)○伊藤真琳,
- 1P049 Solvent Induced Pseudopolymorphism in Curcuminoids (宮教大)○笠井香代子,板橋寿明,江川瑠菜
- 1P050 Synthesis of redox-responsive low-molecular-mass organic gelator based on ferrocene modified 12-hydroxystearic acid (ferrocene 修飾 12-hydroxystearic acid によるレドックス応答性低分子ゲル化剤の合成)(山形大院理工,楠本化成)○菅野裕理果,大橋健太,佐藤栄一,波多野豊平,村上聡,木島龍朗
- 1P051 Synthesis of Ethynylhelicene Oligomer with Bicyclohexyl Groups and formation of Lyotropic Liquid Crystal Gels(東北大院薬,東北大院薬,東北大院薬,東北大院薬)○湯澤玲介,澤藤司,齋藤望,山口雅彦

- 1P052 海産天然物ポーチミンのスピロ環状セグメントの合成検討
(北大院総化,秋大院理工,北大院理)○齋藤崇史,藤原憲秀,近藤良彦,
秋葉宇一,石垣侑祐,上遠野亮,鈴木孝紀
- 1P053 Palladium(0)-lithium iodide-Cocatalyzed Asymmetric Hydroalkylation of
Conjugated Enynes with Pronucleophiles Leading to 1,3-Disubstituted
Allenenes(東北大院薬)塚本裕一,○金野達也,伊藤和也,土井隆行
- 1P054 Synthesis of 2-Formylazulenes and Conversion to 2-Ethynylazulenes
(信州大理,弘前大院理工,愛媛大院理工)○庄子卓,荒木貴訓,飯田七海,
太田哲,関口龍太,伊東俊司,奥島鉄雄
- 1P055 Screening of inhibitors for RNaseH activity of hepatitis B virus reverse
transcriptase(日大院工)○向田芽以,平野展孝,春木満
- 1P056 Study on the Transition-metal Catalyzed Synthesis of Arylazulene
Derivatives under Mild Conditions(弘大院理工)○谷津友章,川上淳,伊東俊司
- 1P057 Suppression of epithelial sodium channel gene expression by polyphenols
(日大院工,日大工)○遠藤拓弥,山寺飛弥貴,唐木斎門,吉田昌平,木原慶彦,
野田吉弘,平野展孝,春木満
- 1P058 [2+2+2]環化付加反応によるキャンデイドウシン類の全合成研究
(秋大院理工)○佐藤大介,近藤良彦,秋葉宇一,藤原憲秀
- 1P059 Development of a novel fluorescent benzo[*g*]imidazo[4,5-*c*]quinoline
nucleoside for monitoring base-pair-induced protonation with cytosine
(日大工)○柳昌樹,白岩昭吾,齋藤義雄
- 1P060 Synthesis of stimuli - responsive amphiphilic molecules having a complexation
ability (錯形成能を有する刺激応答型両親媒性分子の合成)
(山形大院理工)○渡辺翔,波多野豊平,村上聡,木島龍朗
- 1P061 Synthesis and photophysical properties of 2-aminotryptanthrin derivatives
with BODIPY as FRET-type fluorescent dyes
(弘前大院理工)○梁瀬晃司,伊東俊司,川上淳
- 1P062 Control of Molecular Orientation in Asymmetric Thienoacene-Based Organic
Semiconductors via Iodine-Iodine Interactions(山形大院理工,山形大院有
機)○松永周,小川雄太,熊木大介,時任静士,片桐洋史
- 1P063 Synthesis of 2-Amino-1-Cyanoazulenes by Reaction of 2H-
Cyclohepta[*b*]furan-2-ones with Malononitrile(信州大理,弘前大院理工,愛媛
大院理工)○庄子卓,太田哲,関口龍太,伊東俊司,奥島鉄雄
- 1P064 2-Alkylquinolone alkaloid biosynthesis in the *Evodia rutaecarpa* involves
collaboration of two novel type III polyketide synthases
(秋田高専,富山大和漢,東大院薬,静岡県大薬)○児玉猛,松井崇,森貴裕,
只腰哲弘,野口博司,阿部郁朗,森田洋行

- 1P065 Reactivity of nitroxide *O*-galactosides for galactosidase and ascorbic acid
(山形大院理工)○菅原滉哉,佐藤慎吾
- 1P066 Synthesis and photophysical properties of tryptanthrin derivatives and analogs as ICT-type fluorescent dyes
(弘前大院理工)○小山内知佳,伊東俊司,川上淳
- 1P067 Synthetic studies of Selaginellin S
(秋田大院理工)○板垣貴也,近藤良彦,秋葉宇一,藤原憲秀
- 1P068 Synthesis and LCST behavior of fluorescein derivatives bearing gallic acid with oxyethylene chains(山形大院工)○野尻啓悟,伊藤和明,佐藤和昭
- 1P069 Acylation of Alkenes with Acid Chlorides Using Aluminum-Based Lewis Acid and 2,6-Dibromopyridine
(東北大院工)○吉居雄司,國澤主,田中信也,服部徹太郎
- 1P070 Novel intramolecular fluorescence by two anthryl groups connected by one element (山形大理,山形大理)○佐藤崇史,近藤慎一
- 1P071 Development of the Highly Active Pd-catalyst bearing Novel Buchwald-type Ligand(岩手大院理工)○森谷咲月,川津僚太郎,是永敏伸
- 1P072 新奇光学活性第一級アミンの合成とアルドール反応に対する不斉触媒能
(日大院工)○内藤康成,玉井康文
- 1P073 ポルフィリン(2.1.2.1)ナノベルトの合成と物性(岩手大理工学部,NIST)
○上田有沙,SonglinXue,葛原大軌,荒谷直樹,山田容子,吉本則之
- 1P074 Organocatalyzed Oxidative Biaryl Coupling for the Synthetic Intermediate of Chiral Ligand(岩手大理工,岩手大院工)○小嶋理白,似鳥馨,是永敏伸
- 1P075 Synthetic study of burkholdine: Synthesis of unusual amino acids, β -hydroxy tyrosine and 3-amino-5,6,7-trihydroxy octadecanoic acid
(山形大院理工)○加藤誠弥,佐々木美緒,矢野成和,今野博行
- 1P076 Synthesis and Biological Evaluation of Structure-Simplified Apratoxin A Mimetics
(東北大院薬,田辺三菱製薬)土井隆行,○福士和希,恩田勇一,吉田将人
- 1P077 Synthetic study of carthamin: a red pigment of safflower
(山形大院理工)○五月女拓生,佐藤慎吾
- 1P078 Development of 1,3-disubstituted-hybrid-calix[4]arene-type extractants for platinum group metals
(東北大院工)○久留主優,赤坂高祐,諸橋直弥,服部徹太郎
- 1P079 Aggregation-Induced Emission of Nanocrystallized Tetraphenylethylene
(東北大多元研)○付暢,朱慧娥,小野寺恒信,及川英俊,三ツ石方也

【化学工学】

- 1P080 Fabrication of hollow type particle assembly incorporating photocatalytic cores.(東北大院工)○大久保沙耶
- 1P081 Crystal growth behaviors and morphology of L-phenylalanine (岩大院総,岩大理工)○赤間永紳,土岐規仁,横田政晶
- 1P082 Modification of Porous Biochar by Using Chitosan for High Performances Immobilized Cellulase(秋田県大院,秋田県大,桂林理工大)○莫好道,邱建輝,楊超,臧利敏,境英一,伊藤一志
- 1P083 Effect of drying conditions on phase separation structure of nanoparticles on the surface of nanocomposite thin films(東北大院工,東北大 AIMR) ○矢川省吾,村井優太,小林直登,久保正樹,庄司衛太,塚田隆夫,阿尻雅文
- 1P084 Degradation Characteristics of Straw/Poly (Lactic Acid) Composites in Natural Water Environments (秋田県大院,秋田県大)○孫曼兮,邱建輝,境英一,伊藤一志
- 1P085 Desorption of carbon dioxide from amine solution using ultrasound irradiation at low temperature.(秋田大理工)○伊藤寛泰,大川浩一,加藤貴宏,菅原勝康
- 1P086 Intramolecular dehydration of erythritol in high-temperature carbonated water(岩手大,岩手大院総,岩手大,産総研)○谷口賢吉,本郷秀一郎,七尾英孝,佐藤修,山口有朋,白井誠之
- 1P087 Hydrodeoxygenation of phenol over Pd/HZSM-5 catalyst (秋大院理工)○大友直也,雄鹿高弘,中村彩乃,村上賢治
- 1P088 Crystal growth of L-Valine in the presence of quaternary ammonium cations (岩手大院総,岩手大理工,岩手大院工)○小泉祐貴,洗洵,横田政晶,土岐規仁
- 1P089 Method for preparing a transglutaminase fusion protein to explore complex-forming proteins (秋田大院理工,秋田大理工)○大池健太,横田早希,五十嵐彩,後藤猛
- 1P090 ポリマー内でのグルタチオン-金クラスター及び複合体の発光特性 (山形大院理工)○広木僚也,宋侶洋,古川光司,伊藤雄太,會田忠弘
- 1P091 Fe_3O_4 /PMMA ポリマーナノ粒子の外部磁場下での挙動とその観察 (山形大院理工)○秋葉裕介,橋本尚憲,伊藤雄太,會田忠弘

【高分子化学/繊維化学】

- 1P092 新しい星型ポリマーの合成とその評価
(山形大院理工)○佐藤力哉,阿部雅大,菅沼杏子
- 1P093 Enzymatic analysis of cellobiose dehydrogenase from rice blast fungus *Magnaporthe oryzae*(秋大理工,東大院・農生科)○及川千里,本間陽名,松村洋寿,鮫島正浩,五十嵐圭日子,小川信明,尾高雅文
- 1P094 蛍光特性を有するポリアリーレンアルキニレンケトンの合成
(山形大院有機)○小野颯春,前山勝也
- 1P095 Synthesis and properties of aromatic polybenzimidazoles using triazine-based active diesters(岩手大院総理工)○花田舞結,芝崎祐二,大石好行
- 1P096 Preparation and properties of cured polyimides from highly-soluble triazine-based thermosetting imide oligomers
(岩手大院総理工)○長尾凌,佐々木茂子,芝崎祐二,大石好行
- 1P097 Synthesis and Properties of Thermally Stable and Soluble Aromatic Polyamides
(秋田大院理工,秋田大院理工,秋田大院理工)○畑亮也,松本和也,寺境光俊
- 1P098 脱水素型カップリング反応によるドナーアクセプター型交互共重合体の開発
(山大院有機)○並木颯志,中林千浩,森秀晴
- 1P099 塗布型有機デバイスを指向した側鎖型カルバゾール/(ジ)フェニルアントラセン共重合体の合成
(山形大院有機材料)○香西純,安孫子洋平,羅承慈,中林千浩,森秀晴
- 1P100 高イオン伝導性を有するディープ共融混合体シルセスキオキサン微粒子の開発
(山形大院有機材料)○谷崎佑真,中林千浩,森秀晴
- 1P101 Synthesis and polymerization of macrocyclic butadiyne compounds with urethane groups(山形大院有機,山形大工,山形大)○伊與田早希,岡田岳斗,菊地光平,山門陵平,岡田修司
- 1P102 Synthesis and reactions of an electrooptic dye substituted by bulky epoxy groups (山形大工,山形大院有機)○松谷駿太郎,野口貴匡,鎌本幸汰,山門陵平,岡田修司
- 1P103 Synthesis and properties of electrooptic polymers substituted by chromophores with pyrroline-type acceptor(山形大工,山形大院有機)
○今井一徳,五味優香,阿部佳史,山門陵平,岡田修司
- 1P104 フルオロアルキル鎖を有する新規シロキサン系高分子の合成
(日大院工,日大工,ダイキン工業)○町田和彦,根本修克,市川司,野口剛

- 1P105 Electrochemical properties of decreased-platinum containing catalysts obtained by baking poly(metal phthalocyanine)(日大院工,日大工,クミアイ化学)○宮田峻,新貝昇大,荒井絢斗,中村はる香,市川司,小林以弦,根本修克,北川雄大,秋本雅史,梅津一登
- 1P106 Honeycomb structure formation of liquid crystal substituted double-decker silsesquioxanes in dewetting process (山形大院理工,東北大多元研,山形大理)○高橋尚也,宮下徳治,松井淳
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- 1P109 Evaluation of Engineering Properties and Internal Morphology of Graphite Filled UHMWPE Composites by Octa-Screw Extruder (山形大院有)○LiuCheng Ying,石神明,黒瀬隆,伊藤浩志
- 1P110 Observation of fracture process and physical properties of poly (methyl methacrylate) / polyrotaxane blends (山形大院有)○渡邊一樹,石神明,黒瀬隆,伊藤浩志
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(秋田大院理工)○大久保敬祐,高橋弘樹,田口正美
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- 1P121 Thermoelectric and power generation properties of polymer-coated CNTs with controlled interface(秋田大院理工,秋田県立大シス科技)○山畑仁伸,松本和也,寺境光俊,長南安紀,山口博之
- 1P122 PDI 二量体の合成と有機薄膜太陽電池への応用
(岩手大院総合,岩手大工)○谷山功起,小川倫弥,葛原大軌,吉本則之
- 1P123 液晶性 Ph-BTBT-10 薄膜の構造評価(岩手大院総合,東京化成工業,高輝度光科学研究セ)○大場涼矢,三浦慎平,山口裕二,菊池護,小金澤智之,廣沢一郎,葛原大軌,吉本則之

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(弘前大,弘前大)○武志俊,XIEZHENGKUN,吉田曉弘,阿布里提,官国清

- 1P126 Synthesis of Mg-Mn nanospinel cathodes via Hot Injection Process for Mg Secondary Batteries(東北大・多元研)○寒川洸太,小林弘明,本間格
- 1P127 synthesis of perovskite electrode materials assisted with aspartic acid for intermediate temperature solid oxide fuel cells(弘前大,弘前大)○OXIAOKAITIPAIRUZHA,于涛,吉田暁弘,阿布里提,官国清
- 1P128 Relationship between Discharge Products and Battery Characteristics in Lithium-Air Secondary Batteries with Organic Solvent / Ionic Liquid Mixed Electrolytes
(岩手大院工,岩手大院理工)○坂内亮祐,万代 俊彦,宇井幸一,竹口竜弥
- 1P129 Surface modification of stainless steel separator for PEFC by TiN-SBR
(岩手大,岩手大,不二越)○箕浦歩夢,八代仁,熊谷昌信
- 1P130 Sonochemical synthesis of $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4/\text{C}\cdot\text{Au}$ composites and their cathode characteristics(秋田大院理工)○田中康之,大川浩一,加藤貴宏,菅原 勝康
- 1P131 有限要素法による活物質と電池材料との接触モデルの導電ネットワーク解析
(山大工,山大院理工,山形大学術)○大前国生,小森至,赤間未行,伊藤智弘,立花和弘,仁科辰夫
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- 1P133 Vascular network formation on electrochemical devices(東北大院環境,東北大院工,東北大院工,東北大学際研,東北大院工)○日野翔太,伊野浩介,梨本裕司,珠玖仁
- 1P134 Examination of dual catalysis activity of organic p-n bilayer in terms of the oxidation of amino acids(弘前大院理工,東工大化生研)○渡部竜平,長井圭治,阿部敏之
- 1P135 Electropolishing of niobium without hydrofluoric acid(岩手大学院,岩手大学,マルイ鍍金,KEK)○白取凌,川村翔磨,八代仁,仁井啓介,文珠四郎秀昭
- 1P136 Electrochemical formation of biocompatible hydrogels for cell culture(東北大院環境,東北大院工,東北大学際研)○熊谷樹,伊野浩介,松本知明,平典子,梨本裕司,珠玖仁
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(岩手大,岩手大)○三浦佑太,八代仁,鈴木映一,手塚花実
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- 2P131 有機溶媒中での金属めっきの研究とその応用～美しい青色めっきの発見へ～
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- 2P132 平面リーゼカング現象の研究(仙台三高)○松本駿佑, ○畠山瑞規
- 2P133 ろ紙の違いによる金属樹の析出の仕方の違いの研究(仙台三高)○井場正貢,
○高橋諒
- 2P134 ホウ酸水溶液と糖水溶液の混成による pH 変化について
(仙台三高)○白井凜太郎, ○鈴木博也, ○臼渕泰生