

Poster Session

Friday, December 14, 2018

★Part 1 14:45~15:45 (Odd number)

★Part 2 15:45~16:45 (Even number)

P001.

Synthesis and functional studies of self-adjuvanting cancer vaccine containing B cell epitope derived from HER2
Kazuya KABAYAMA^{1,2,3,4}, Qi FENG², Yoshiyuki MANABE^{2,3,4}, Asuka MIYAMOTO⁵, Yoshie KAMETANI⁵,
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P002.

A Microphysiological System for Exposure of Fluidic Shear Stress to Human Renal Proximal Tubule Epithelial
Cells

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P003.

An influence of storage of the superplasticizer after thermal stimulation at room temperature on changing fluidity
of the mortar

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P004.

Looking deeper into a tissue using nanosheet wrapping

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P005.

Development of noncontact deckle for papermaking

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P006.

Measurement of in-plane compressive stress of Pd thin film prepared by magnetron sputtering method.

Syuntaro NAKAHIRO¹, Ryota GEMMA¹

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P007.

Dielectric Relaxation Process of Dextran Film: Effect of Acetylation Degree

Isala DUERAMAE¹, Kaito SASAKI², Naoki SHINYASHIKI², Shin YAGIHARA², Rio KITA^{1,2}

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P008.

Transglycosylation Reaction of Resveratrol Derivative Using Microbioreactor

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P009.

Fluorous Extraction of Uranium

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P010.

Altered oligomeric states in pathogenic ALS2 variants associated with juvenile motor neuron diseases cause loss of ALS2-mediated endosomal function

Kai SATO¹, Asako OTOMO^{1,2,3}, Mahoko TAKAHASHI UEDA³, Yui HIRATSUKA¹, Kyoko SUZUKI-UTSUNOMIYA¹, Junya SUGIYAMA¹, Shuji MURAKOSHI¹, Shun MITSUI¹, Suzuka ONO¹, So NAKAGAWA^{1,2,3}, Hui-Fang SHANG⁴, Shinji HADANO^{1,2,5}

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P011.

Measurement of changes in oral pH during stress

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P012.

Composite Divertor Materials for Prototype Nuclear Fusion Reactor Takuya WASHIHIRA¹,
Helmut Takahiro UCHIDA², Akira TONEGAWA³, Yoshihito MATSUMURA¹

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P013.

Material analysis and quantitative deterioration diagnosis of the motion-picture film by NMR spectroscopy
Takuya NISHITANI¹, Kunihiro NAGASE¹, Keiko TAKAHASHI¹

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P014.

Effects of oblique deposition on magnetron sputtering of Magnetostrictive thin films.
Yoshihito TSUKAGOSHI¹, Kengo YAMAGUCHI¹, Hironori AKIYAMA², Masato KAMIYA²,
Helmut Takahiro UCHIDA³, Yoshihito MATSUMURA¹

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P015.

Transformation of traditional method forming “Sasairo-Beni” to a chemical experimental method
Maiko SASAKI¹, Taisuke SATO¹, Katsumi YAMADA¹, Keiko TAKAHASHI¹

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P016.

Structure of Ice in Frozen Water Mixtures of Poly(vinyl pyrrolidone) and Fructose Studied by X-ray Diffraction
Mitsuki FUJII¹, Yuki YASUKAWA², Masanobu TAKATSUKA³, Toshiyuki MISAWA⁴, Takeru ITO⁵, Naoki
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P017.

Effects of a hot-filament electron emitter on Magnetostrictive thin film formation by ion plating process
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P018.

Broadband Dielectric Spectroscopy of Partially Crystallized Poly(vinyl pyrrolidone)-Water Mixtures

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P019.

ALS2/Alsin regulates the intracellular localization of Rab17

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P020.

Suppression of Side Reaction in Transglycosylation Reaction

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P021.

Methanation of CO₂ by LaNi₅ alloy by using ball-milling method

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P022.

C- and N-Terminal Elongation Reactivity of N, N'-Isopropylidene Dipeptide

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P023.

Ultrafast Fabrication of Microneedle Array for Transdermal Ion Detection

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P024.

Development of Nanosheet Based pH Sensor for Heatstroke Detection

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P025.

Liquid to Liquid Transition and Molecular Dynamics of D-Mannitol

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P026.

Experimental Study on Temperature Dependence of Young's Modulus Using PET Film

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P027.

Study on Defects Using Both X-ray CT and Simulation in Die Casting

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P028.

Neural cell-specific SQSTM1 deficiency accelerates the onset of disease in an ALS mouse model

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P029.

Development of Cell Micropatterning Techniques on a Soft Substrates with Ink-jet printing Technology

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P030.

Fabrication of Biodegradable Discs with Thrombolytic Ability

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P031.

Fabrication and Evaluation of Biodegradable Particles Encapsulated Phenobarbital for Nasal Administration

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P032.

Fabrication of Polysaccharide Nanosheets for Controlled Release of Odor Molecules

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P033.

Experimental study on gliding behavior of dragonfly-inspired nodus structured wing

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P034.

Microneedle Sensor for Single Cell pH Effectiveness

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P035.

Possibility of Consensus Building for Preserving Earthquake Relics with Role-Playing Methods

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P036.

Environment related QOL for Leisure Tourism

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P037.

A Portable Computational System for Rapid Microbiome Analyses

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P038.

Evaluation of grooved nanosheets for neural cell culture by gene expression

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