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<td>Film Characterization of Perovskite Solar Cells Fabricated by the Mixture Solution of Two Solvents</td>
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<td>*Tatsuo Mori[1], Daiki Okawa[1], Yoshiki Kondo[1], Yusuke Ichino[1], Yoshiyuki Seike[1]</td>
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<td>1. Aichi Institute of Technology (Japan)</td>
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| 2Poster01-19-02 | On/Off Ratio of a Pentacene Field-Effect Transistor with a Discontinuous MoO<sub>3</sub> Layer |
| *Takumi Kobayashi[1], Yuto Shimoya[1], Kota Hoshina[1], Yusaku Higuchi[1], Masahiro Minagawa[2], Akira Baba[1], Keizo Kato[1], Kazunari Shinbo[1] |
| 1. Niigata University (Japan), 2. National Institute of Technology, Nagaoka College (Japan) |

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| *Hideki ETORI[1] |
| 1. DIC Corporation (Japan) |

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| *Rei Mizoguchi[1], Naoki Akiyama[1], Sayaka Hiruta[1], Masaki Kobayashi[1], Masahiro Kashiwazaki[1], Norio Onojima[1] |
| 1. University of Yamanashi (Japan) |

| 2Poster01-19-05 | Optical and carrier mobility properties of regioregular oligo-hexylthiophenes and their copolymers with 9,9'-dihexylfluorene |
| *Masanao Era[1], Sho-ichi Gondo[1] |
| 1. Saga University (Japan) |
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*Yukihiro Tsugita[1], Shuichi Maeda[1]

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Water droplet detection using superhydrophobic PDMS/LIG surface

*Seiji Wakabayashi[1], Takayuki Arie[1], Seiji Akita[1], Kuniharu Takei[1]

1. Osaka Prefecture Univ. (Japan)

Novel fabrication process of charge transfer complex thin films using liquid crystallinity

*Shun Takamaru[1], Jun-ichi Hanna[1], Hiroaki lino[1]

1. Tokyo Institute of Technology (Japan)

Fabrication of multilayered inverted QD-OLEDs within of quantum dots/ polymer blend layers as an emitting layer on solution processed ETLs

*Sosei Yamane[1], Eiji Itoh[1]

1. Shinshu Univ. (Japan)

Excited-state transition dipole property and aggregation characteristic effects on organic semiconductor-based hole transport materials: p-i-n type perovskite solar cell

*Eswaran Kamaraj[1], Sanghyuk Park[1]

1. Kongju National University (Korea)

Preparation and Characterization of n-Type Semiconducting Graft Copolymers with Polystyrene Side Chains for Organic Thin Film Solar Cells

*Momoko Yoshida[1], Toru Moriya[1], Shinji Kanehashi[1], Kenji Ogino[1]

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Synthesis and Optical Properties of Cage Structures Composed of Tetratopic Pyridyl Compounds

*Yoko Tatewaki[1], Chisato Kobukai[1], Sadafumi Nishihara[2]

1. Tokyo University of Agriculture and Technology (Japan), 2. Hiroshima University (Japan)
Transistor Characteristics of Charge Transfer Complexes of Fluorene Analogs

*Baiyan Liu[1], Tadashi Kawamoto[1], Takehiko Mori[1]

1. Tokyo Institute of Technology (Japan)

Chromic-Acid-Free Electroless Plating Processes on Plastic Substrates

*Shunsuke Yamazaki[1], Takahiro Furuhashi[2], Yoshiyasu Yamada[2], Shoji Ichihara[1], Hiroaki Usui[1]

1. Tokyo University of Agriculture and Technology (Japan), 2. Yamada Co. Ltd. (Japan)

Highly Oriented N2200 for n-channel Organic Field Effect Transistor

*Yuya Sugita[1], Manish Pandey[1], Heriyanto Syafutra[1], Yongyoon Cho[1], Hiroaki Benten[1], Masakazu Nakamura[1]

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Inkjet-printed thin-film graphene electrode for lithium-ion battery

*Ashok Kushwaha[1], Dipti Gupta[1]

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Deposition of Organic-Inorganic Hybrid Polymer with Silsesquioxane Unit

Yamato Ogawa[1], *Takumi Miyayama[1], Satsuki Mayuzumi[1], Hiroaki Usui[1]

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*Yusuke Kunimi[1,2], Shusuke Kanazawa[2], Kunihiro Ogata[2], Hirotaka Hiraki[1,2], Yoshio Matsumoto[1,2]

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Development of Furan-Containing π-Conjugated Compounds for Organic Field-Effect Transistors

*Chikara Hayasaka[1], Shusaku Nagano[2], Koji Nakano[1]

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*Dirack Lai[1]

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*Taichi Kikkawa[1], Daisuke Kumaki[2], Shizuo Tokito[1,2], Nobuko Fukuda[3], Yasuyuki Kusaka[3]

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*Junyi Zhu[1], Takehiko Mori[1]

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*Masanao Era[1], Shusei Kanae[1]

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*Kou Li[1,2], Yukio Kawano[1,2,3]

1. FIRST, Tokyo Tech (Japan), 2. Dept. EEE., Tokyo Tech (Japan), 3. Faculty of Science and Engineering, Chuo University (Japan)
Organic monolayers modified by ultraviolet-ozone for solution-processed organic thin-film transistors
*Satoshi Inoue[1], Yoshiaki Hattori[2], Masatoshi Kitamura[3]

1. Kobe Univ. (Japan), 2. Kobe Univ. (Japan), 3. Kobe Univ. (Japan)

Microscopic observation of the dependence of light scattering near micro cracks on the surface layer of the glass substrate on temperature changes
*Yoshitaro Sakata[1], Nao Terasaki[1]

1. National Institute of Advanced Industrial Science and Technology (AIST) (Japan)

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*Jin Cheng[1], Shinji Kanehashi[1], Kenji Ogino[1]

1. Tokyo University of Agriculture and Technology (Japan)

PN-Stacked Vertical Organic Transistors with Inverted Structure
*Shota Torimitsu[1], Mitsuharu Suzuki[1], Ken-ichi Nakayama[1]

1. Osaka Univ. (Japan)

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*JINAH HWANG[1], DONG SOO Kim[1]

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Multipoint detection of the displacement from heartbeat using flexible organic piezoelectric sensor array
*Yusaku Nagayama[1], Yuya Kondo[1], Yasuko Koshiba[1], Shohei Horike[1], Kenji Ishida[1]

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Silver nanowire-enhanced microflake electrically conductive adhesives for flexible hybrid electronics
*Hubert Argasinski[1], Muhammed Kayaharman[1], I. A. Goldthorpe[1]

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*Takao Ueda[1], Eiji Itoh[1]

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*Satomi Hosokawa[1], Shinji Kanehashi[1], Kenji Ogino[1]

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*Soma Yasui[1], Fujio Ohishi[2], Hiroaki Usui[1]

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Current analysis of N, N'-di (1-naphthyl) -N, N'-diphenyl-benzidine thin film and its temperature dependence
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Enhanced Optical Memory Characteristics of Organic Transistors with Solution-Processed Charge Storage Layers
*Reitaro Hattori[1], Takashi Nagase[1,2], Naoyuki Nishida[1], Takashi Kobayashi[1,2], Hiroyoshi Naito[1,2]

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Hand grip detection trial based on skin deformation measuring by flexible strain sensors
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