

Original Papers

([†]Equal contribution, *Corresponding authors)

- [23] Gate-Controlled Photo-Oxidation of Graphene for Electronic Structure Modification
Ryo Nouchi,^{*} Morihiko Matsumoto, and Nobuhiko Mitoma
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- [22] Effect of carbon doping on threshold voltage and mobility of In-Si-O thin-film transistors
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- [21] Carbon nanosheets by morphology-retained carbonization of 2D assembled anisotropic carbon nanorings
Taizo Mori,[†] Hiroyuki Tanaka,[†] Amit Dalui, Nobuhiko Mitoma, Kengo Suzuki, Mutsuyoshi Matsumoto, Nikhil Aggarwal, Archita Patnaik, Somobrata Acharya, Lok Kumar Shrestha, Hirotohi Sakamoto, Kenichiro Itami,^{*} and Katsuhiko Ariga^{*}
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- [20] Hole-transporting materials based on thiophene-fused arenes from sulfur-mediated thienannulations
Lin Hsing-An, Nobuhiko Mitoma, Meng Lingkui, Yasutomo Segawa,^{*} Atsushi Wakamiya,^{*} and Kenichiro Itami^{*}
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- [16] Codoping of zinc and tungsten for practical high-performance amorphous indium-based oxide thin film transistors

Takio Kizu,* Nobuhiko Mitoma, Miki Miyanaga, Hideaki Awata, Toshihide Nabatame, and Kazuhito Tsukagoshi*
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- [15] Influence of Al₂O₃ layer insertion on the electrical properties of Ga-In-Zn-O thin-film transistors

Kazunori Kurishima,* Toshihide Nabatame,* Maki Shimizu, Nobuhiko Mitoma, Takio Kizu, Shinya Aikawa, Kazuhito Tsukagoshi, Akihiko Ohi, Toyohiro Chikyow, and Atsushi Ogura
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- [14] Suppression of excess oxygen for environmentally stable amorphous In-Si-O thin-film transistors

Shinya Aikawa,* Nobuhiko Mitoma, Takio Kizu, Toshihide Nabatame, and Kazuhito Tsukagoshi*
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- [13] Enhanced sensing response of oxidized graphene formed by UV irradiation in water

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