

Seok-Heon Jung

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

588
citations

1039406

9
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

1218
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Design rules for dynamic-template-directed crystallization of conjugated polymers. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 125-138. | 1.7 | 14 |
| 2 | Role of Multivalent Interactions in Dynamic-Template-Directed Assembly of Conjugated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2753-2762. | 4.0 | 7 |
| 3 | High-Mobility Low-Hysteresis Electrolyte-Gated Transistors with a DPP-Benzotriazole Copolymer Semiconductor. <i>Macromolecular Research</i> , 2020, 28, 683-687. | 1.0 | 9 |
| 4 | Tuning conformation, assembly, and charge transport properties of conjugated polymers by printing flow. <i>Science Advances</i> , 2019, 5, eaaw7757. | 4.7 | 105 |
| 5 | Ion Gel Dynamic Templates for Large Modulation of Morphology and Charge Transport Properties of Solution-Coated Conjugated Polymer Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22561-22574. | 4.0 | 12 |
| 6 | High-mobility, trap-free charge transport in conjugated polymer diodes. <i>Nature Communications</i> , 2019, 10, 2122. | 5.8 | 92 |
| 7 | Electroluminescent Pressure-Sensing Displays. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13757-13766. | 4.0 | 56 |
| 8 | Analysis of charge injection and contact resistance as a function of electrode surface treatment in ambipolar polymer transistors. <i>Electronic Materials Letters</i> , 2018, 14, 1-6. | 1.0 | 11 |
| 9 | Investigation of degradation pathways of poly(semiperfluoroalkyl methacrylate) thin films induced by electron-beam irradiation. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2672-2680. | 2.5 | 8 |
| 10 | Electroluminescence from Solution-Processed Pinhole-Free Nanometer-Thickness Layers of Conjugated Polymers. <i>Nano Letters</i> , 2018, 18, 5382-5388. | 4.5 | 4 |
| 11 | Combined soft lithographic transfer-printing and patterning method of highly fluorinated polymers as a facile surface treatment protocol. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45184. | 1.3 | 3 |
| 12 | Effect of Donor Building Blocks on the Charge-Transfer Characteristics of Diketopyrrolopyrrole-Based Donor-Acceptor-Type Semiconducting Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39502-39510. | 4.0 | 25 |
| 13 | Synthesis and Characterization of Semiconducting Polymers Composed of All Electron-Accepting Monomer Units for Organic Thin Film Transistors. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5759-5763. | 0.9 | 0 |
| 14 | Charge-Transport Anisotropy in a Uniaxially Aligned Diketopyrrolopyrrole-Based Copolymer. <i>Advanced Materials</i> , 2015, 27, 7356-7364. | 11.1 | 144 |
| 15 | High-performance alternating current electroluminescent layers solution blended with mechanically and electrically robust nonradiating polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1629-1640. | 2.4 | 4 |
| 16 | Semiconductor nanocrystals in fluorinated liquids for the construction of light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2759-2762. | 2.7 | 5 |
| 17 | Enabling high-mobility, ambipolar charge-transport in a DPP-benzotriazole copolymer by side-chain engineering. <i>Chemical Science</i> , 2015, 6, 6949-6960. | 3.7 | 89 |