

Seok-Heon Jung

List of Publications by Year in descending order

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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	Charge-Transport Anisotropy in a Uniaxially Aligned Diketopyrrolopyrrole-Based Copolymer. <i>Advanced Materials</i> , 2015, 27, 7356-7364.	11.1	144
2	Tuning conformation, assembly, and charge transport properties of conjugated polymers by printing flow. <i>Science Advances</i> , 2019, 5, eaaw7757.	4.7	105
3	High-mobility, trap-free charge transport in conjugated polymer diodes. <i>Nature Communications</i> , 2019, 10, 2122.	5.8	92
4	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
5	Electroluminescent Pressure-Sensing Displays. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13757-13766.	4.0	56
6	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
7	Design rules for dynamic-template-directed crystallization of conjugated polymers. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 125-138.	1.7	14
8	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
9	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
10	High-Mobility Low-Hysteresis Electrolyte-Gated Transistors with a DPP-Benzotriazole Copolymer Semiconductor. <i>Macromolecular Research</i> , 2020, 28, 683-687.	1.0	9
11	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
12	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
13	Semiconductor nanocrystals in fluoruous liquids for the construction of light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2759-2762.	2.7	5
14	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
15	Electroluminescence from Solution-Processed Pinhole-Free Nanometer-Thickness Layers of Conjugated Polymers. <i>Nano Letters</i> , 2018, 18, 5382-5388.	4.5	4
16	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
17	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