

Erfan Mohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

391
citations

1040056

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1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

711
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.	3.4	14
2	Role of Multivalent Interactions in Dynamic-Template-Directed Assembly of Conjugated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2753-2762.	8.0	7
3	Orientation-Dependent Host-Dopant Interactions for Manipulating Charge Transport in Conjugated Polymers. <i>Advanced Materials</i> , 2020, 32, e2002823.	21.0	20
4	Quantitative Image Analysis of Fractal-Like Thin Films of Organic Semiconductors. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 1622-1634.	2.1	12
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.	8.0	12
6	Critical Role of Surface Energy in Guiding Crystallization of Solution-Coated Conjugated Polymer Thin Films. <i>Langmuir</i> , 2018, 34, 1109-1122.	3.5	62
7	Understanding Film-To-Stripe Transition of Conjugated Polymers Driven by Meniscus Instability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40692-40701.	8.0	17
8	Solution-Processed Nanoporous Organic Semiconductor Thin Films: Toward Health and Environmental Monitoring of Volatile Markers. <i>Advanced Functional Materials</i> , 2017, 27, 1701117.	14.9	127
9	Thin Films: Solution-Processed Nanoporous Organic Semiconductor Thin Films: Toward Health and Environmental Monitoring of Volatile Markers (<i>Adv. Funct. Mater.</i> 23/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	0
10	Understanding Interfacial Alignment in Solution Coated Conjugated Polymer Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27863-27874.	8.0	42
11	Dynamic-template-directed multiscale assembly for large-area coating of highly-aligned conjugated polymer thin films. <i>Nature Communications</i> , 2017, 8, 16070.	12.8	78