Erfan Mohammadi

List of Publications by Year
in descending order

11	391	1040056 9	1372567 10
papers	citations	h-index	g-index

12	12	12	711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solutionâ€Processed Nanoporous Organic Semiconductor Thin Films: Toward Health and Environmental Monitoring of Volatile Markers. Advanced Functional Materials, 2017, 27, 1701117.	14.9	127
2	Dynamic-template-directed multiscale assembly for large-area coating of highly-aligned conjugated polymer thin films. Nature Communications, 2017, 8, 16070.	12.8	78
3	Critical Role of Surface Energy in Guiding Crystallization of Solution-Coated Conjugated Polymer Thin Films. Langmuir, 2018, 34, 1109-1122.	3.5	62
4	Understanding Interfacial Alignment in Solution Coated Conjugated Polymer Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 27863-27874.	8.0	42
5	Orientationâ€Dependent Hostâ€“Dopant Interactions for Manipulating Charge Transport in Conjugated Polymers. Advanced Materials, 2020, 32, e2002823.	21.0	20
6	Understanding Film-To-Stripe Transition of Conjugated Polymers Driven by Meniscus Instability. ACS Applied Materials & Interfaces, 2018, 10, 40692-40701.	8.0	17
7	Design rules for dynamic-template-directed crystallization of conjugated polymers. Molecular Systems Design and Engineering, 2020, 5, 125-138.	3.4	14
8	Quantitative Image Analysis of Fractalâ€Like Thin Films of Organic Semiconductors. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 1622-1634.	2.1	12
9	Ion Gel Dynamic Templates for Large Modulation of Morphology and Charge Transport Properties of Solution-Coated Conjugated Polymer Thin Films. ACS Applied Materials & Interfaces, 2019, 11, 22561-22574.	8.0	12
10	Role of Multivalent Interactions in Dynamic-Template-Directed Assembly of Conjugated Polymers. ACS Applied Materials & Interfaces, 2020, 12, 2753-2762.	8.0	7
11	Thin Films: Solutionâ€Processed Nanoporous Organic Semiconductor Thin Films: Toward Health and Environmental Monitoring of Volatile Markers (Adv. Funct. Mater. 23/2017). Advanced Functional Materials, 2017, 27, .	14.9	0