

Taner Aytun

List of Publications by Year in descending order

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759233

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docs citations

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837
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Solar Cell Efficiency through Hydrogen Bonding: A Method for Tuning Active Layer Morphology. Chemistry of Materials, 2015, 27, 1201-1209.	6.7	71
2	Crystal-Phase Transitions and Photocatalysis in Supramolecular Scaffolds. Journal of the American Chemical Society, 2017, 139, 6120-6127.	13.7	60
3	Grooved Nanowires from Self-Assembling Hairpin Molecules for Solar Cells. ACS Nano, 2012, 6, 2032-2040.	14.6	55
4	Mimicking the Bioactivity of Fibroblast Growth Factor-2 Using Supramolecular Nanoribbons. ACS Biomaterials Science and Engineering, 2017, 3, 2166-2175.	5.2	51
5	Molecular Control of Internal Crystallization and Photocatalytic Function in Supramolecular Nanostructures. Chem, 2018, 4, 1596-1608.	11.7	46
6	Stepwise self-assembly to improve solar cell morphology. Journal of Materials Chemistry A, 2013, 1, 11674.	10.3	38
7	Solution-Processed LiF for Work Function Tuning in Electrode Bilayers. Nano Letters, 2012, 12, 39-44.	9.1	34
8	Solution processed LiF anode modification for polymer solar cells. Applied Physics Letters, 2012, 100, .	3.3	27
9	Self-Assembling Tripodal Small-Molecule Donors for Bulk Heterojunction Solar Cells. Journal of Physical Chemistry C, 2016, 120, 3602-3611.	3.1	22
10	Impact of charge switching stimuli on supramolecular perylene monoimide assemblies. Chemical Science, 2019, 10, 5779-5786.	7.4	21
11	Molecular Packing of Amphiphilic Nanosheets Resolved by X-ray Scattering. Journal of Physical Chemistry C, 2017, 121, 1047-1054.	3.1	19
12	Nanoscale Composition Mapping of Segregation in Micelles with Tapping-Mode Atomic Force Microscopy. Langmuir, 2008, 24, 14183-14187.	3.5	18
13	Determining the Morphology of Polystyrene- <i>block</i> -poly(2-vinylpyridine) Micellar Reactors for ZnO Nanoparticle Synthesis. Langmuir, 2010, 26, 7431-7436.	3.5	11
14	Morphological similarity of a tri-block copolymer processed at ambient and elevated temperatures. Korea Australia Rheology Journal, 2012, 24, 313-321.	1.7	4
15	Nanoscale Elastic Modulus Variation in Loaded Polymeric Micelle Reactors. Langmuir, 2012, 28, 10592-10596.	3.5	4