

Mejd Alsari

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

3,632
citations

21
h-index

45
g-index

45
ext. papers

4,153
ext. citations

13.3
avg, IF

4.91
L-index

#	Paper	IF	Citations
40	The Discovery of the First Exoplanet Orbiting a Solar-Type Star 2020 , 1, 1-3		
39	Are we going to Alpha Centauri? 2020 , 1, 1-4		
38	Breakthrough Discoveries vs Incremental Science 2020 , 1, 1-3		
37	The Nobel Prize Factory 2020 , 1, 1-3		
36	History of Cryo-EM 2020 , 1, 1-4		
35	Radiation Sources in Structural Biology 2020 , 1, 1-3		
34	Lattice strain causes non-radiative losses in halide perovskites. <i>Energy and Environmental Science</i> , 2019 , 12, 596-606	35.4	211
33	Back-Contact Perovskite Solar Cells 2019 , 1, 1-10		4
32	Perovskite LEDs 2019 , 1, 1-5		3
31	Why Governments Should Invest More in Fundamental Research 2019 , 1, 1-3		1
30	Degradation Kinetics of Inverted Perovskite Solar Cells. <i>Scientific Reports</i> , 2018 , 8, 5977	4.9	39
29	In situ simultaneous photovoltaic and structural evolution of perovskite solar cells during film formation. <i>Energy and Environmental Science</i> , 2018 , 11, 383-393	35.4	67
28	Maximizing and stabilizing luminescence from halide perovskites with potassium passivation. <i>Nature</i> , 2018 , 555, 497-501	50.4	975
27	The Path to Perovskite on Silicon PV 2018 , 1, 1-8		13
26	The Ribosome Under Synchrotron Light 2018 , 1, 1-5		
25	Localized effect of PbI ₂ excess in perovskite solar cells probed by high-resolution chemical spectroelectronic mapping. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 23010-23018	13	33
24	High-efficiency perovskite/polymer bulk heterostructure light-emitting diodes. <i>Nature Photonics</i> , 2018 , 12, 783-789	33.9	511

23	Dedoping of Lead Halide Perovskites Incorporating Monovalent Cations. <i>ACS Nano</i> , 2018 , 12, 7301-7311	16.7	73
22	Grain rotation and lattice deformation during perovskite spray coating and annealing probed in situ by GI-WAXS. <i>CrystEngComm</i> , 2016 , 18, 5448-5455	3.3	24
21	Monitoring the Formation of a CH ₃ NH ₃ PbI _{3-x} Cl _x Perovskite during Thermal Annealing Using X-Ray Scattering. <i>Advanced Functional Materials</i> , 2016 , 26, 4934-4942	15.6	52
20	Photon recycling in lead iodide perovskite solar cells. <i>Science</i> , 2016 , 351, 1430-3	33.3	501
19	Perovskite Films: Mapping Morphological and Structural Properties of Lead Halide Perovskites by Scanning Nanofocus XRD (Adv. Funct. Mater. 45/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 8220-8220	15.6	156
18	Mapping Morphological and Structural Properties of Lead Halide Perovskites by Scanning Nanofocus XRD. <i>Advanced Functional Materials</i> , 2016 , 26, 8221-8230	15.6	22
17	Bimodal crystallization at polymer-fullerene interfaces. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 2216-27	3.6	18
16	X-ray imaging with scintillator-sensitized hybrid organic photodetectors. <i>Nature Photonics</i> , 2015 , 9, 843-848	3.6	184
15	Detrimental Effect of Silicon Nanoparticles on P3HT:PCBM-Based OPV Devices. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1155-1160	2.6	5
14	Absence of Structural Impact of Noble Nanoparticles on P3HT:PCBM Blends for Plasmon-Enhanced Bulk-Heterojunction Organic Solar Cells Probed by Synchrotron GI-XRD. <i>Scientific Reports</i> , 2015 , 5, 10633	4.9	12
13	Influence of Bridging Atom and Side Chains on the Structure and Crystallinity of Cyclopentadithiophene-Benzothiadiazole Polymers. <i>Chemistry of Materials</i> , 2014 , 26, 1226-1233	9.6	48
12	Oligo(aniline) nanofilms: from molecular architecture to microstructure. <i>Soft Matter</i> , 2013 , 9, 10501	3.6	21
11	MATLAB modeling and simulation of photovoltaic modules 2012 ,		13
10	The Influence of Substrate and Top Electrode on the Crystallization Dynamics of P3HT: PCBM Blends. <i>Energy Procedia</i> , 2012 , 31, 60-68	2.3	7
9	MATLAB Modeling and Simulation of Photovoltaic Modules. <i>Advanced Materials Research</i> , 2012 , 512-515, 246-249	0.5	
8	Surface and Bulk Structural Characterization of a High-Mobility Electron-Transporting Polymer. <i>Macromolecules</i> , 2011 , 44, 1530-1539	5.5	96
7	Inkjet-printed organic photodiodes. <i>Thin Solid Films</i> , 2011 , 520, 610-615	2.2	29
6	The role of alkane dithiols in controlling polymer crystallization in small band gap polymer:Fullerene solar cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011 , 49, 717-724	2.6	71

5	Effects of thermal annealing upon the nanomorphology of poly(3-hexylselenophene)-PCBM blends. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1454-60	4.8	15
4	Real-Time Investigation of Crystallization and Phase-Segregation Dynamics in P3HT:PCBM Solar Cells During Thermal Annealing. <i>Advanced Functional Materials</i> , 2011 , 21, 1701-1708	15.6	197
3	Dynamics of Crystallization and Disorder during Annealing of P3HT/PCBM Bulk Heterojunctions. <i>Macromolecules</i> , 2011 , 44, 2725-2734	5.5	171
2	The development of nanoscale morphology in polymer:fullerene photovoltaic blends during solvent casting. <i>Soft Matter</i> , 2010 , 6, 4128	3.6	115
1	Dependence of Charge Separation Efficiency on Film Microstructure in Poly(3-hexylthiophene-2,5-diyl):[6,6]-Phenyl-C61 Butyric Acid Methyl Ester Blend Films. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 734-738	6.4	98