

Woojun Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

348
citations

840776

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996975

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18
docs citations

18
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	High Remaining Factors in the Photovoltaic Performance of Perovskite Solar Cells after High-Fluence Electron Beam Irradiations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1330-1336.	3.1	30
2	Advanced surface passivation of epitaxial boron emitters for high-efficiency ultrathin crystalline silicon solar cells. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 08MB11.	1.5	4
3	Crystalline Si Solar Cells with Passivating, Carrier-selective Nickel Oxide Contacts. , 2017, , .		1
4	Enhanced surface passivation of epitaxially grown emitters for high-efficiency ultrathin crystalline Si solar cells. , 2016, , .		6
5	Fabrication of Fully Solution Processed Inorganic Nanocrystal Photovoltaic Devices. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	1
6	Dark current reduction and bandgap-voltage offset in solution-processed nanocrystal solar cells. , 2015, , .		0
7	Safer salts for CdTe nanocrystal solution processed solar cells: the dual roles of ligand exchange and grain growth. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13057-13065.	10.3	16
8	Impact of Nanocrystal Spray Deposition on Inorganic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7902-7909.	8.0	21
9	Inorganic Photovoltaic Devices Fabricated Using Nanocrystal Spray Deposition. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8828-8832.	8.0	16
10	Enhanced Open-Circuit Voltage of PbS Nanocrystal Quantum Dot Solar Cells. <i>Scientific Reports</i> , 2013, 3, 2225.	3.3	88
11	Modeling and analysis of high-performance, multicolored anti-reflection coatings for solar cells. <i>Optics Express</i> , 2013, 21, A585.	3.4	22
12	Electrical Measurement Under Atmospheric Conditions of PbSe Nanocrystal Thin Films Passivated by Remote Plasma Atomic Layer Deposition of Al ₂ O ₃ . <i>IEEE Nanotechnology Magazine</i> , 2013, 12, 146-151.	2.0	2
13	Effect of Ligand Structure on the Optical and Electronic Properties of Nanocrystalline PbSe Films. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6031-6037.	3.1	18
14	Plasma-polymerized multistacked bipolar gate dielectric for organic thin-film transistors. <i>Organic Electronics</i> , 2010, 11, 1767-1771.	2.6	15
15	Atomic layer deposited HfO ₂ gate dielectrics for low-voltage operating, high-performance poly-(3-hexythiophene) organic thin-film transistors. <i>Organic Electronics</i> , 2010, 11, 1719-1722.	2.6	32
16	Plasma-Polymerized Multistacked Organic Bipolar Films: A New Approach to Flexible High-Performance Dielectrics. <i>Advanced Materials</i> , 2008, 20, 2383-2388.	21.0	26
17	Enhanced Emission Using Thin Li-Halide Cathodic Interlayers for Improved Injection into Poly(p-phenylene vinylene) Derivative PLEDs. <i>Electrochemical and Solid-State Letters</i> , 2008, 11, J76.	2.2	5
18	Room-temperature negative differential resistance in polymer tunnel diodes using a thin oxide layer and demonstration of threshold logic. <i>Applied Physics Letters</i> , 2005, 87, 203506.	3.3	45