

Seung-Hwan Oh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7031514/publications.pdf>

Version: 2024-02-01

18
papers

938
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effect of polyurethane-coated carbon fiber and electron beam irradiation on the thermal/mechanical properties and long-term durability of polyamide-based thermoplastic composites. <i>Polymer Composites</i> , 2022, 43, 1685-1697.	4.6	12
2	Gamma-ray irradiated graphene nanosheets/polydopamine hybrids as a superior anode material for lithium-ion batteries. <i>Carbon Letters</i> , 2022, 32, 305.	5.9	3
3	Importance of interface engineering between the hole transport layer and the indium-tin-oxide electrode for highly efficient polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15394-15403.	10.3	10
4	High-Efficiency Photovoltaic Devices using Trap-Controlled Quantum Dot Ink prepared via Phase-Transfer Exchange. <i>Advanced Materials</i> , 2017, 29, 1605756.	21.0	114
5	Solution-processed colloidal quantum dot/organic hybrid tandem photovoltaic devices with 8.3% efficiency. <i>Nano Energy</i> , 2017, 31, 403-409.	16.0	25
6	ZnO films using a precursor solution irradiated with an electron beam as the cathode interfacial layer in inverted polymer solar cells. <i>RSC Advances</i> , 2017, 7, 26689-26696.	3.6	9
7	Improved performance of colloidal quantum dot solar cells using high-electric-dipole self-assembled layers. <i>Nano Energy</i> , 2017, 39, 355-362.	16.0	34
8	Highly efficient air-stable colloidal quantum dot solar cells by improved surface trap passivation. <i>Nano Energy</i> , 2017, 39, 86-94.	16.0	72
9	Low-Temperature-Processed 9% Colloidal Quantum Dot Photovoltaic Devices through Interfacial Management of p-n Heterojunction. <i>Advanced Energy Materials</i> , 2016, 6, 1502146.	19.5	70
10	Enhanced performance of perovskite solar cells with solution-processed n-doping of the PCBM interlayer. <i>RSC Advances</i> , 2016, 6, 64962-64966.	3.6	6
11	High-Efficiency Colloidal Quantum Dot Photovoltaic Devices Using Chemically Modified Heterojunctions. <i>ACS Energy Letters</i> , 2016, 1, 100-106.	17.4	102
12	Exploration of fabrication methods for planar CH ₃ NH ₃ PbI ₃ perovskite solar cells. <i>Nano Energy</i> , 2016, 27, 175-184.	16.0	35
13	Highly efficient inverted bulk-heterojunction solar cells with a gradiently-doped ZnO layer. <i>Energy and Environmental Science</i> , 2016, 9, 240-246.	30.8	93
14	Graphene oxide and water-soluble polymer composite materials as efficient hole transporting layer for high performance organic solar cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 376-381.	1.8	11
15	Influence of the Ionic Functionalities of Polyfluorene Derivatives as a Cathode Interfacial Layer on Inverted Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6227-6236.	8.0	69
16	Efficient polymer solar cells with a solution-processed gold chloride as an anode interfacial modifier. <i>Applied Physics Letters</i> , 2013, 102, 163302.	3.3	13
17	Water-Soluble Polyfluorenes as an Interfacial Layer Leading to Cathode-Independent High Performance of Organic Solar Cells. <i>Advanced Functional Materials</i> , 2010, 20, 1977-1983.	14.9	195
18	Novel cationic water-soluble polyfluorene derivatives with ion-transporting side groups for efficient electron injection in PLEDs. <i>Organic Electronics</i> , 2007, 8, 773-783.	2.6	65