

Hye-Yun Park

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

602
citations

1163117

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1372567

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all docs

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docs citations

10
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Efficiency Solution-Processed Planar Perovskite Solar Cells with a Polymer Hole Transport Layer. <i>Advanced Energy Materials</i> , 2015, 5, 1401855.	19.5	337
2	Performance optimization of low-temperature-annealed solution-processable ZnO buffer layers for inverted polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6327.	10.3	97
3	11% Organic Photovoltaic Devices Based on PTB7-Th: PC ₇₁ BM Photoactive Layers and Irradiation-Assisted ZnO Electron Transport Layers. <i>Advanced Science</i> , 2018, 5, 1700858.	11.2	42
4	Facile external treatment for efficient nanoscale morphology control of polymer solar cells using a gas-assisted spray method. <i>Journal of Materials Chemistry</i> , 2011, 21, 4457.	6.7	37
5	PbS Quantum Dot Solar Cells Integrated with Sol-Gel-Derived ZnO as an n-Type Charge-Selective Layer. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17374-17382.	3.1	28
6	Fabrication of wafer-scale free-standing quantum dot/polymer nanohybrid films for white-light-emitting diodes using an electrospray method. <i>Journal of Materials Chemistry C</i> , 2014, 2, 10439-10445.	5.5	23
7	Efficient Solvent-Assisted Post-Treatment for Molecular Rearrangement of Sprayed Polymer Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 214-221.	8.0	16
8	Effects of surface characteristics of dielectric layers on polymer thin-film transistors obtained by spray methods. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3718.	2.8	8
9	Inverted-structure polymer solar cells fabricated by sequential spraying of electron-transport and photoactive layers. <i>Organic Electronics</i> , 2014, 15, 2337-2345.	2.6	7
10	High-Efficiency Solution-Processed Planar Perovskite Solar Cells with a Polymer Hole Transport Layer. <i>Advanced Energy Materials</i> , 2015, 5, .	19.5	7