

Seyeong Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exploiting Ternary Blends to Accurately Control the Coloration of Semitransparent, Non-Fullerene, Organic Solar Cells. <i>Solar Rrl</i> , 2021, 5, 2000742.	5.8	9
2	Dichroic Sb ₂ O ₃ /Ag/Sb ₂ O ₃ Electrodes for Colorful Semitransparent Organic Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000201.	5.8	15
3	Twisted Linker Effect on Naphthalene Diimide-Based Dimer Electron Acceptors for Non-Fullerene Organic Solar Cells. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800108.	3.9	8
4	Non-halogenated diphenyl-chalcogenide solvent processing additives for high-performance polymer bulk-heterojunction solar cells. <i>RSC Advances</i> , 2018, 8, 39777-39783.	3.6	6
5	The introduction of a perovskite seed layer for high performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20138-20144.	10.3	12
6	Formamidinium-based planar heterojunction perovskite solar cells with alkali carbonate-doped zinc oxide layer. <i>RSC Advances</i> , 2018, 8, 24110-24115.	3.6	10
7	Macromol. Rapid Commun. 14/2018. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1870034.	3.9	0
8	Implementation of Low-Power Electronic Devices Using Solution-Processed Tantalum Pentoxide Dielectric. <i>Advanced Functional Materials</i> , 2018, 28, 1704215.	14.9	17
9	Hot slot die coating for additive-free fabrication of high performance roll-to-roll processed polymer solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 3248-3255.	30.8	85
10	Synthesis and photovoltaic properties of three different types of terpolymers. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1147-1155.	5.9	6
11	Semi-crystalline photovoltaic polymers with siloxane-terminated hybrid side-chains. <i>Science China Chemistry</i> , 2017, 60, 528-536.	8.2	3
12	High-efficiency photovoltaic cells with wide optical band gap polymers based on fluorinated phenylene-alkoxybenzothiadiazole. <i>Energy and Environmental Science</i> , 2017, 10, 1443-1455.	30.8	84
13	A New Dithienopyridine-Based Polymer for an Organic Electronics. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5792-5795.	0.9	0
14	Efficiency Exceeding 11% in Tandem Polymer Solar Cells Employing High Open-Circuit Voltage Wide-Bandgap Conjugated Polymers. <i>Advanced Energy Materials</i> , 2017, 7, 1700782.	19.5	24
15	Optically Tunable Plasmonic Two-Dimensional Ag Quantum Dot Arrays for Optimal Light Absorption in Polymer Solar Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17569-17576.	3.1	9
16	Dithieno[2,3-b:2',3'-cd']benzo[1,2-a:4,5-b']dithiophene (DTBDAT)-based copolymers for high-performance organic solar cells. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3182-3192.	2.3	8
17	Ternary Halide Perovskites for Highly Efficient Solution-Processed Hybrid Solar Cells. <i>ACS Energy Letters</i> , 2016, 1, 712-718.	17.4	24
18	2,1,3-benzothiadiazole-5,6-dicarboxylicimide based semicrystalline polymers for photovoltaic cells. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3826-3834.	2.3	5

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19	Medium bandgap copolymers based on carbazole and quinoxaline exceeding 1.0 V open-circuit voltages. RSC Advances, 2016, 6, 17624-17631.	3.6	5
20	Control of Charge Dynamics via Use of Nonionic Phosphonate Chains and Their Effectiveness for Inverted Structure Solar Cells. Advanced Energy Materials, 2015, 5, 1500844.	19.5	28
21	Benzodithiophene-thiophene-based photovoltaic polymers with different side-chains. Journal of Polymer Science Part A, 2015, 53, 854-862.	2.3	15
22	Conjugated polyelectrolyte hole transport layer for inverted-type perovskite solar cells. Nature Communications, 2015, 6, 7348.	12.8	281
23	Thienoisindigo (TIIC)-based small molecules for the understanding of structureâ€“propertyâ€“device performance correlations. Journal of Materials Chemistry A, 2015, 3, 9899-9908.	10.3	33
24	Interplay of Intramolecular Noncovalent Coulomb Interactions for Semicrystalline Photovoltaic Polymers. Chemistry of Materials, 2015, 27, 5997-6007.	6.7	150