

# Seyeong Song

## List of Publications by Year in descending order

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24  
papers

837  
citations

759233

12  
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677142

22  
g-index

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24  
docs citations

24  
times ranked

1844  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugated polyelectrolyte hole transport layer for inverted-type perovskite solar cells. <i>Nature Communications</i> , 2015, 6, 7348.	12.8	281
2	Interplay of Intramolecular Noncovalent Coulomb Interactions for Semicrystalline Photovoltaic Polymers. <i>Chemistry of Materials</i> , 2015, 27, 5997-6007.	6.7	150
3	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
4	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
5	Thienoisindigo (TIIG)-based small molecules for the understanding of structure–property–device performance correlations. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9899-9908.	10.3	33
6	Control of Charge Dynamics via Use of Nonionic Phosphonate Chains and Their Effectiveness for Inverted Structure Solar Cells. <i>Advanced Energy Materials</i> , 2015, 5, 1500844.	19.5	28
7	Ternary Halide Perovskites for Highly Efficient Solution-Processed Hybrid Solar Cells. <i>ACS Energy Letters</i> , 2016, 1, 712-718.	17.4	24
8	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
9	Implementation of Low-Power Electronic Devices Using Solution-Processed Tantalum Pentoxide Dielectric. <i>Advanced Functional Materials</i> , 2018, 28, 1704215.	14.9	17
10	Benzodithiophene-thiophene-based photovoltaic polymers with different side-chains. <i>Journal of Polymer Science Part A</i> , 2015, 53, 854-862.	2.3	15
11	Dichroic Sb <sub>2</sub> O <sub>3</sub> /Ag/Sb <sub>2</sub> O <sub>3</sub> Electrodes for Colorful Semitransparent Organic Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000201.	5.8	15
12	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
13	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
14	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
15	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
16	Dithieno[2,3- <i>b'</i> :2',3'- <i>b</i> ]benzo[1,2- <i>a</i> :4,5- <i>b'</i> ]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	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
18	Synthesis and photovoltaic properties of three different types of terpolymers. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1147-1155.	5.9	6

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19	Non-halogenated diphenyl-chalcogenide solvent processing additives for high-performance polymer bulk-heterojunction solar cells. RSC Advances, 2018, 8, 39777-39783.	3.6	6
20	2,1,3-benzothiadiazole-5,6-dicarboxylicimide based semicrystalline polymers for photovoltaic cells. Journal of Polymer Science Part A, 2016, 54, 3826-3834.	2.3	5
21	Medium bandgap copolymers based on carbazole and quinoxaline exceeding 1.0 V open-circuit voltages. RSC Advances, 2016, 6, 17624-17631.	3.6	5
22	Semi-crystalline photovoltaic polymers with siloxane-terminated hybrid side-chains. Science China Chemistry, 2017, 60, 528-536.	8.2	3
23	A New Dithienopyridine-Based Polymer for an Organic Electronics. Journal of Nanoscience and Nanotechnology, 2017, 17, 5792-5795.	0.9	0
24	Macromol. Rapid Commun. 14/2018. Macromolecular Rapid Communications, 2018, 39, 1870034.	3.9	0