Seungon Jung

List of Publications by Year
in descending order

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15 papers	758 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1285 citing authors

#	Article	IF	Citations
1	Highly Flexible and Efficient Allâ€Polymer Solar Cells with Highâ€Viscosity Processing Polymer Additive toward Potential of Stretchable Devices. Angewandte Chemie - International Edition, 2018, 57, 13277-13282.	13.8	166
2	Highly Flexible and Efficient Allâ€Polymer Solar Cells with Highâ€Viscosity Processing Polymer Additive toward Potential of Stretchable Devices. Angewandte Chemie, 2018, 130, 13461-13466.	2.0	108
3	The use of an n-type macromolecular additive as a simple yet effective tool for improving and stabilizing the performance of organic solar cells. Energy and Environmental Science, 2016, 9, 3464-3471.	30.8	99
4	Development of Annealing-Free, Solution-Processable Inverted Organic Solar Cells with N-Doped Graphene Electrodes using Zinc Oxide Nanoparticles. Nano Letters, 2018, 18, 1337-1343.	9.1	81
5	Suppressed Interdiffusion and Degradation in Flexible and Transparent Metal Electrode-Based Perovskite Solar Cells with a Graphene Interlayer. Nano Letters, 2020, 20, 3718-3727.	9.1	65
6	Stepwise heating in Stille polycondensation toward no batch-to-batch variations in polymer solar cell performance. Nature Communications, 2018, 9, 1867.	12.8	60
7	Locking-In Optimal Nanoscale Structure Induced by Naphthalenediimide-Based Polymeric Additive Enables Efficient and Stable Inverted Polymer Solar Cells. ACS Nano, 2017, 11, 7409-7415.	14.6	34
8	Nafion-Mediated Liquid-Phase Exfoliation of Transition Metal Dichalcogenides and Direct Application in Hydrogen Evolution Reaction. Chemistry of Materials, 2018, 30, 4658-4666.	6.7	30
9	Flexible Indiumâ€“Tin Oxide Crystal on Plastic Substrates Supported by Graphene Monolayer. Scientific Reports, 2017, 7, 3131.	3.3	24
10	A highly robust and stable graphene-encapsulated Cu-grid hybrid transparent electrode demonstrating superior performance in organic solar cells. Journal of Materials Chemistry A, 2018, 6, 24805-24813.	10.3	21
11	Toward Green Synthesis of Graphene Oxide Using Recycled Sulfuric Acid via Couetteâ€“Taylor Flow. ACS Omega, 2017, 2, 186-192.	3.5	17
12	Solutionâ€Processed Molybdenum Oxide with Hydroxyl Radicalâ€Induced Oxygen Vacancy as an Efficient and Stable Interfacial Layer for Organic Solar Cells. Solar Rrl, 2020, 4, 1900420.	5.8	17
13	Enhanced Charge Transport via Metallic 1T Phase Transition Metal Dichalcogenidesâ€Mediated Hole Transport Layer Engineering for Perovskite Solar Cells. ChemNanoMat, 2019, 5, 1050-1058.	2.8	16
14	The effect of the graphene integration process on the performance of graphene-based Schottky junction solar cells. Journal of Materials Chemistry A, 2017, 5, 18716-18724.	10.3	13
15	Size Fractionation of Graphene Oxide via Solventâ€Mediated Consecutive Charge Manipulation and Investigation of the Size Effect as Hole Transporting Layer in Perovskite Solar Cells. ChemNanoMat, 2019, 5, 776-783.	2.8	7