Tengling Ye

List of Publications by Year
in descending order

18 papers	495 citations	623734 14 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	934 citing authors

#	Article	IF	Citations
1	Inâ€Situ Selfâ€Assembled ZnO Foam Based on Grapheneâ€Like Ultrathin Nanosheets. Advanced Materials Interfaces, 2022, 9, .	3.7	1
2	Recent advances of Cu-based hole transport materials and their interface engineering concerning different processing methods in perovskite solar cells. Journal of Energy Chemistry, 2021, 62, 459-476.	12.9	17
3	Multifunctional Perylenediimide-Based Cathode Interfacial Materials for High-Performance Inverted Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 13657-13665.	5.1	8
4	Excimer formation effects and trap-assisted charge recombination loss channels in organic solar cells of perylene diimide dimer acceptors. Journal of Materials Chemistry C, 2020, 8, 1686-1696.	5.5	19
5	Recent advances of non-fullerene organic electron transport materials in perovskite solar cells. Journal of Materials Chemistry A, 2020, 8, 20819-20848.	10.3	29
6	Multifunctional Electronic Skin Based on Perovskite Intermediate Gels. Advanced Electronic Materials, 2020, 6, 1901291.	5.1	16
7	Effects of solvent additives on the morphology and transport property of a perylene diimide dimer film in perovskite solar cells for improved performance. Solar Energy, 2020, 201, 927-934.	6.1	18
8	Enhanced Efficiency of Planar Heterojunction Perovskite Solar Cells by a Light Soaking Treatment on Tris(pentafluorophenyl)borane-Doped Poly(triarylamine) Solution. ACS Applied Materials & Interfaces, 2019, 11, 14004-14010.	8.0	44
9	4<i>H</i>-1,2,6-Thiadiazine-containing donorâ€"acceptor conjugated polymers: synthesis, optoelectronic characterization and their use in organic solar cells. Journal of Materials Chemistry C, 2018, 6, 3658-3667.	5.5	10
10	Comparison Study of Wide Bandgap Polymer (PBDB-T) and Narrow Bandgap Polymer (PBDTTT-EFT) as Donor for Perylene Diimide Based Polymer Solar Cells. Frontiers in Chemistry, 2018, 6, 613.	3.6	4
11	Keggin-Type PMo₁₁V as a P-type Dopant for Enhancing the Efficiency and Reproducibility of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 2378-2386.	8.0	37
12	Improved Performance and Reproducibility of Perovskite Solar Cells by Well-Soluble Tris(pentafluorophenyl)borane as a p-Type Dopant. ACS Applied Materials & Interfaces, 2017, 9, 17923-17931.	8.0	73
13	SiW₁₂â€"TiO₂ Mesoporous Layer for Enhanced Electronâ€Extraction Efficiency and Conductivity in Perovskite Solar Cells. ChemSusChem, 2017, 10, 2218-2225.	6.8	30
14	Recent Progress in the Application of Polyoxometalates for Dyeâ€sensitized/Organic Solar Cells. Chinese Journal of Chemistry, 2016, 34, 747-756.	4.9	32
15	Improved photovoltaic performance of mesoporous perovskite solar cells with hydrogenated TiO₂: prolonged photoelectron lifetime and high separation efficiency of photoinduced charge. RSC Advances, 2016, 6, 65125-65135.	3.6	15
16	Understanding the Light Soaking Effects in Inverted Organic Solar Cells Functionalized with Conjugated Macroelectrolyte Electronâ€Collecting Interlayers. Advanced Science, 2016, 3, 1500245.	11.2	35
17	Elucidating the Impact of Molecular Packing and Device Architecture on the Performance of Nanostructured Perylene Diimide Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 8687-8698.	8.0	26
18	Effect of Local and Global Structural Order on the Performance of Perylene Diimide Excimeric Solar Cells. ACS Applied Materials & Interfaces, 2013, 5, 11844-11857.	8.0	81