Wen-Hua Li

List of Publications by Year
in descending order

23 papers	1,258 citations	687363 13 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	2482 citing authors

#	Article	IF	Citations
1	CuTe Nanocrystals: Shape and Size Control, Plasmonic Properties, and Use as SERS Probes and Photothermal Agents. Journal of the American Chemical Society, 2013, 135, 7098-7101.	13.7	403
2	A brief review of hole transporting materials commonly used in perovskite solar cells. Rare Metals, 2021, 40, 2712-2729.	7.1	138
3	Metal Ions To Control the Morphology of Semiconductor Nanoparticles: Copper Selenide Nanocubes. Journal of the American Chemical Society, 2013, 135, 4664-4667.	13.7	112
4	Morphology evolution of Cu2âˆ’xS nanoparticles: from spheres to dodecahedrons. Chemical Communications, 2011, 47, 10332.	4.1	107
5	Highly Efficient Planar Perovskite Solar Cells Via Interfacial Modification with Fullerene Derivatives. Small, 2016, 12, 1098-1104.	10.0	107
6	Colloidal synthesis and thermoelectric properties of Cu₂SnSe₃nanocrystals. Journal of Materials Chemistry A, 2013, 1, 1421-1426.	10.3	86
7	Ladder-like conjugated polymers used as hole-transporting materials for high-efficiency perovskite solar cells. Journal of Materials Chemistry A, 2019, 7, 14473-14477.	10.3	48
8	Crosslinked and dopant free hole transport materials for efficient and stable planar perovskite solar cells. Journal of Materials Chemistry A, 2019, 7, 5522-5529.	10.3	41
9	Enhancing the power conversion efficiency of polymer solar cells to 9.26% by a synergistic effect of fluoro and carboxylate substitution. Journal of Materials Chemistry A, 2016, 4, 8097-8104.	10.3	39
10	Molecular â€œFlowerâ€•as the High-Mobility Hole-Transport Material for Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 43855-43860.	8.0	31
11	Cu2HgSnSe4 nanoparticles: synthesis and thermoelectric properties. CrystEngComm, 2013, 15, 8966.	2.6	25
12	Elimination of the Jâ€“V hysteresis of planar perovskite solar cells by interfacial modification with a thermo-cleavable fullerene derivative. Journal of Materials Chemistry A, 2016, 4, 17649-17654.	10.3	24
13	Broadband Absorption Enhancement in Polymer Solar Cells Using Highly Efficient Plasmonic Heterostructured Nanocrystals. ACS Applied Materials & Interfaces, 2018, 10, 30919-30924.	8.0	16
14	A Green Solvent Processable Wideâ€Bandgap Conjugated Polymer for Organic Solar Cells. Solar Rrl, 2020, 4, 2000547.	5.8	13
15	A simple strategy to achieve shape control of Au-Cu2âˆ’xS colloidal heterostructured nanocrystals and their preliminary use in organic photovoltaics. Nanoscale, 2018, 10, 11745-11749.	5.6	12
16	Improved Efficiency of Perovskite Solar Cells by the Interfacial Modification of the Active Layer. Nanomaterials, 2019, 9, 204.	4.1	12
17	Spin-coated Ag nanoparticles onto ITO substrates for efficient improvement of polymer solar cell performance. Journal of Materials Chemistry C, 2015, 3, 1319-1324.	5.5	10
18	Enhancing the Photovoltaic Performance by Tuning the Morphology of Polymer:PC₇₁BM Blends with a Commercially Available Nucleating Agent. ACS Applied Materials & Interfaces, 2015, 7, 18924-18929.	8.0	8

#	Article	IF	Citations
19	Enhancing the performance of polymer solar cells by tuning the drying process of blend films via changing side chains and using solvent additives. Journal of Materials Chemistry C, 2015, 3, 9670-9677.	5.5	7
20	The preparation of plasmonic Au@SiO2 NPs and its application in polymer solar cells. Materials Letters, 2020, 268, 127599.	2.6	7
21	The preparation of Ag3BiBr6 films and their preliminary use for solution processed photovoltaics. SN Applied Sciences, 2019, 1, 1.	2.9	5
22	The Influence of Fluorination on Nano-Scale Phase Separation and Photovoltaic Performance of Small Molecular/PC71BM Blends. Nanomaterials, 2016, 6, 80.	4.1	4
23	Synthesis of hybrid Au-Ag2S-Cu2-xS nanocrystals with disparate interfacial features. Journal of Colloid and Interface Science, 2021, 603, 11-16.	9.4	3