Yusong Sheng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7714678/publications.pdf

Version: 2024-02-01

23	2,121	393982	642321
papers	citations	19 h-index	23 g-index

23	23	23	3022
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly oriented MAPbI3 crystals for efficient hole-conductor-free printable mesoscopic perovskite solar cells. Fundamental Research, 2022, 2, 276-283.	1.6	40
2	A Review on Additives for Halide Perovskite Solar Cells. Advanced Energy Materials, 2020, 10, 1902492.	10.2	240
3	Amide Additives Induced a Fermi Level Shift To Improve the Performance of Hole-Conductor-Free, Printable Mesoscopic Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2019, 10, 6865-6872.	2.1	62
4	Encapsulation of Printable Mesoscopic Perovskite Solar Cells Enables High Temperature and Longâ€Term Outdoor Stability. Advanced Functional Materials, 2019, 29, 1809129.	7.8	133
5	Fully printable hole-conductor-free mesoscopic perovskite solar cells based on mesoporous anatase single crystals. New Journal of Chemistry, 2018, 42, 2669-2674.	1.4	17
6	Mixed (5-AVA)_xMA_{1â^'x}PbI_{3â^'y}(BF₄)_y perovskites enhance the photovoltaic performance of hole-conductor-free printable mesoscopic solar cells. Journal of Materials Chemistry A, 2018, 6, 2360-2364.	5.2	40
7	A Multifunctional Bis-Adduct Fullerene for Efficient Printable Mesoscopic Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 10835-10841.	4.0	28
8	Printed hole-conductor-free mesoscopic perovskite solar cells with excellent long-term stability using PEAI as an additive. Journal of Energy Chemistry, 2018, 27, 764-768.	7.1	23
9	Fully printable perovskite solar cells with highly-conductive, low-temperature, perovskite-compatible carbon electrode. Carbon, 2018, 129, 830-836.	5.4	79
10	The Influence of the Work Function of Hybrid Carbon Electrodes on Printable Mesoscopic Perovskite Solar Cells. Journal of Physical Chemistry C, 2018, 122, 16481-16487.	1.5	52
11	Efficient hole-conductor-free, fully printable mesoscopic perovskite solar cells with carbon electrode based on ultrathin graphite. Carbon, 2017, 120, 71-76.	5.4	77
12	Organicâ€“Inorganic Copper(II)-Based Material: A Low-Toxic, Highly Stable Light Absorber for Photovoltaic Application. Journal of Physical Chemistry Letters, 2017, 8, 1804-1809.	2.1	103
13	Spacer improvement for efficient and fully printable mesoscopic perovskite solar cells. RSC Advances, 2017, 7, 10118-10123.	1.7	19
14	Boron-Doped Graphite for High Work Function Carbon Electrode in Printable Hole-Conductor-Free Mesoscopic Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 31721-31727.	4.0	83
15	Improvement and Regeneration of Perovskite Solar Cells via Methylamine Gas Postâ€Treatment. Advanced Functional Materials, 2017, 27, 1703060.	7.8	89
16	Tunable hysteresis effect for perovskite solar cells. Energy and Environmental Science, 2017, 10, 2383-2391.	15.6	188
17	Holeâ€Conductorâ€Free Fully Printable Mesoscopic Solar Cell with Mixedâ€Anion Perovskite CH₃NH₃PbI_{(3â^'}_x₎(BF₄)_x. Advanced Energy Materials, 2016, 6, 1502009.	10.2	261
18	Enhanced electronic properties in CH₃NH₃PbI₃via LiCl mixing for hole-conductor-free printable perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 16731-16736.	5.2	81

#	Article	IF	Citations
19	Solvent effect on the hole-conductor-free fully printable perovskite solar cells. Nano Energy, 2016, 27, 130-137.	8.2	141
20	The effect of porphyrins suspended with different electronegative moieties on the photovoltaic performance of monolithic porphyrin-sensitized solar cells with carbon counter electrodes. New Journal of Chemistry, 2015, 39, 2889-2900.	1.4	11
21	Fully Printable Mesoscopic Perovskite Solar Cells with Organic Silane Self-Assembled Monolayer. Journal of the American Chemical Society, 2015, 137, 1790-1793.	6.6	414
22	The effect of different alkyl chains on the photovoltaic performance of Dâ€“Ï€â€“A porphyrin-sensitized solar cells. New Journal of Chemistry, 2015, 39, 3736-3746.	1.4	21
23	Pushâ€“pull porphyrins with different anchoring group orientations for fully printable monolithic dye-sensitized solar cells with mesoscopic carbon counter electrodes. New Journal of Chemistry, 2015, 39, 5231-5239.	1.4	19