Jianhong Zhao

List of Publications by Year
in descending order

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		623574	610775
23	876	14	24
papers	citations	h-index	g-index

24	24	24	1014
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanism of the Dimethylammonium Cation in Hybrid Perovskites for Enhanced Performance and Stability of Printable Perovskite Solar Cells. Solar Rrl, 2022, 6, 2100923.	3.1	6
2	Single-atom Cu anchored catalysts for photocatalytic renewable H2 production with a quantum efficiency of 56%. Nature Communications, 2022, 13, 58.	5.8	175
3	Formation of Multiphase Soft Metal from Compositing GaInSn and BiInSn Alloy Systems. ACS Applied Electronic Materials, 2022, 4, 112-123.	2.0	10
4	Unique and Excellent Paintable Liquid Metal for Fluorescent Displays. ACS Applied Materials & Interfaces, 2022, 14, 23951-23963.	4.0	4
5	Carbonâ€Based Printable Perovskite Solar Cells with a Mesoporous TiO₂ Electron Transporting Layer Derived from Metalâ€“Organic Framework NH₂â€MILâ€125. Energy Technology, 2021, 9, 2000957.	1.8	11
6	Rich oxygen vacancies, mesoporous TiO₂ derived from MIL-125 for highly efficient photocatalytic hydrogen evolution. Chemical Communications, 2021, 57, 9704-9707.	2.2	36
7	Synergistic Effect of the Surface Vacancy Defects for Promoting Photocatalytic Stability and Activity of ZnS Nanoparticles. ACS Catalysis, 2021, 11, 13255-13265.	5.5	71
8	Efficient Bifacial Passivation Enables Printable Mesoscopic Perovskite Solar Cells with Improved Photovoltage and Fill Factor. Solar Rrl, 2020, 4, 2000288.	3.1	10
9	Porous Anatase TiO₂ Nanocrystal Derived from the Metalâ€“Organic Framework as Electron Transport Material for Carbon-Based Perovskite Solar Cells. ACS Applied Energy Materials, 2020, 3, 6180-6187.	2.5	20
10	Band Alignment Strategy for Printable Triple Mesoscopic Perovskite Solar Cells with Enhanced Photovoltage. ACS Applied Energy Materials, 2019, 2, 2034-2042.	2.5	38
11	Covalent organic framework-supported Feâ€“TiO₂ nanoparticles as ambient-light-active photocatalysts. Journal of Materials Chemistry A, 2019, 7, 16364-16371.	5.2	103
12	Interface Engineering Based on Liquid Metal for Compact-Layer-free, Fully Printable Mesoscopic Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 15616-15623.	4.0	31
13	B, N, S, Cl doped graphene quantum dots and their effects on gas-sensing properties of Ag-LaFeO3. Sensors and Actuators B: Chemical, 2018, 266, 364-374.	4.0	41
14	Efficient cascade multiple heterojunction organic solar cells with inverted structure. Superlattices and Microstructures, 2018, 117, 215-219.	1.4	3
15	Boosted Visible-Light Photodegradation of Methylene Blue by V and Co Co-Doped TiO2. Materials, 2018, 11, 1946.	1.3	41
16	Boron-doped graphene quantum dot/Agâ€“LaFeO₃ pâ€“p heterojunctions for sensitive and selective benzene detection. Journal of Materials Chemistry A, 2018, 6, 12647-12653.	5.2	51
17	Agâ€“LaFeO₃ fibers, spheres, and cages for ultrasensitive detection of formaldehyde at low operating temperatures. Physical Chemistry Chemical Physics, 2017, 19, 6973-6980.	1.3	26
18	A gas sensor array for the simultaneous detection of multiple VOCs. Scientific Reports, 2017, 7, 1960.	1.6	46

#	Article	IF	Citations
19	Controllable preparation of copper phthalocyanine single crystal nano column and its chlorine gas sensing properties. AIP Advances, 2016, 6, 095303.	0.6	9
20	Highly conductive Zinc-Tin-Oxide buffer layer for inverted polymer solar cells. Organic Electronics, 2016, 33, 156-163.	1.4	10
21	Fabrication and properties of a high-performance chlorine doped graphene quantum dot based photovoltaic detector. RSC Advances, 2015, 5, 29222-29229.	1.7	56
22	Exceptional ultraviolet photovoltaic response of 2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline based detector. Journal of Applied Physics, 2015, 118, .	1.1	4
23	Chlorine doped graphene quantum dots: Preparation, properties, and photovoltaic detectors. Applied Physics Letters, 2014, 105, .	1.5	67