

Daocheng Hong

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

234
citations

1162367

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h-index

996533

15
g-index

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19
docs citations

19
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface plasmon resonance enhanced direct Z-scheme TiO ₂ /ZnTe/Au nanocorn cob heterojunctions for efficient photocatalytic overall water splitting. <i>Nanoscale</i> , 2019, 11, 9053-9060.	2.8	55
2	Nature of Photoinduced Quenching Traps in Methylammonium Lead Triiodide Perovskite Revealed by Reversible Photoluminescence Decline. <i>ACS Photonics</i> , 2018, 5, 2034-2043.	3.2	42
3	Red-Shifted Photoluminescence from Crystal Edges Due to Carrier Redistribution and Reabsorption in Lead Triiodide Perovskites. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12521-12526.	1.5	23
4	Identification of the Band Gap Energy of Two-dimensional (OA) ₂ (MA) _n Pb _n Perovskite with up to 10 Layers. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7025-7030.	2.1	21
5	Inhibition of Phase Segregation in Cesium Lead Mixed-Halide Perovskites by B-Site Doping. <i>IScience</i> , 2020, 23, 101415.	1.9	18
6	Wet Chemistry Vitrification and Metal-to-Semiconductor Transition of 2D Gray Arsenene Nanoflakes. <i>Advanced Functional Materials</i> , 2021, 31, 2106529.	7.8	11
7	Electric-Field-Induced Ion Migration Behavior in Methylammonium Lead Iodide Perovskite. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7106-7112.	2.1	10
8	Effects of local matrix environment on the spectroscopic properties of ensemble to single-particle level carbon dots. <i>Chinese Chemical Letters</i> , 2022, 33, 751-756.	4.8	10
9	Ethanol induced structure reorganization of 2D layered perovskites (OA) ₂ (MA) _n Pb _n I _{3n+1} . <i>Journal of Luminescence</i> , 2020, 220, 116981.	1.5	6
10	Distinguish the Quenching and Degradation of CH ₃ NH ₃ PbI ₃ Perovskite by Simultaneous Absorption and Photoluminescence Measurements. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1207-1213.	1.5	6
11	Rational Building of Nonblinking Carbon Dots via Charged State Recovery. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8614-8620.	2.1	6
12	Photo-induced dual passivation via Usanovich acid-base on surface defects of methylammonium lead triiodide perovskite. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28068-28074.	1.3	5
13	Spectroscopic Study of Ensemble and Individual Graphene Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12112-12119.	1.5	5
14	Photostable and Uniform CH ₃ NH ₃ PbI ₃ Perovskite Film Prepared via Stoichiometric Modification and Solvent Engineering. <i>Nanomaterials</i> , 2021, 11, 405.	1.9	5
15	Controlled Fluorescence Enhancement of DNA-Binding Dye Through Chain Length Match between Oligoguanine and TOTO. <i>Journal of Physical Chemistry B</i> , 2021, 125, 518-527.	1.2	4
16	A Single Nonblinking Cs ₄ PbBr ₆ Nanoparticle as a Nanothermometer. <i>ChemNanoMat</i> , 2019, 5, 364-369.	1.5	3
17	Deactivation/Activation of Quenching Defects in CH ₃ NH ₃ PbI ₃ Perovskite by Direct Electron Injection/Extraction. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 773-780.	2.1	2
18	Physical insights into protection effect of conjugated polymers by natural antioxidants. <i>RSC Advances</i> , 2021, 11, 1614-1622.	1.7	1

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19	Controllable Introduction of Surface Defects on CH ₃ NH ₃ PbI ₃ Perovskite. <i>Nanomaterials</i> , 2022, 12, 1002.	1.9	1