

Hao Xu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

816
citations

1040018

9
h-index

1058452

14
g-index

17
all docs

17
docs citations

17
times ranked

1669
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar steam generation based on the photothermal effect: from designs to applications, and beyond. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19203-19227.	10.3	175
2	Analysis of the Human Protein Atlas Image Classification competition. <i>Nature Methods</i> , 2019, 16, 1254-1261.	19.0	88
3	Ultraviolet Photoluminescence of Carbon Nanospheres and its Surface Plasmon-Induced Enhancement. <i>Small</i> , 2018, 14, e1704239.	10.0	12
4	Influence of surface states on blinking characteristics of single colloidal CdSe-CdS/ZnS core-multishell quantum dot. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 528-536.	9.4	6
5	Quantum dots modulate intracellular Ca^{2+} level in lung epithelial cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2781-2792.	6.7	3
6	Bioelectric and Morphological Response of Liquid-Covered Human Airway Epithelial Calu-3 Cell Monolayer to Periodic Deposition of Colloidal 3-Mercaptopropionic-Acid Coated CdSe-CdS/ZnS Core-Multishell Quantum Dots. <i>PLoS ONE</i> , 2016, 11, e0149915.	2.5	6
7	Photon Reabsorption and Nonradiative Energy-Transfer-Induced Quenching of Blue Photoluminescence from Aggregated Graphene Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29432-29438.	3.1	50
8	Electron transition pathways of photoluminescence from 3C-SiC nanocrystals unraveled by steady-state, blinking and time-resolved photoluminescence measurements. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 275107.	2.8	9
9	Acid Dissociation of 3-Mercaptopropionic Acid Coated CdSe/CdS/Cd _{0.5} Zn _{0.5} S/ZnS Core-Multishell Quantum Dot and Strong Ionic Interaction with Ca ²⁺ Ion. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3519-3529.	3.1	15
10	Mechanism for excitation-dependent photoluminescence from graphene quantum dots and other graphene oxide derivatives: consensus, debates and challenges. <i>Nanoscale</i> , 2016, 8, 7794-7807.	5.6	393
11	Mechanisms of fluorescence decays of colloidal CdSe/CdS/ZnS quantum dots unraveled by time-resolved fluorescence measurement. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27588-27595.	2.8	21
12	Reversible Modification of CdSe/CdS/ZnS Quantum Dot Fluorescence by Surrounding Ca ²⁺ Ions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10424-10433.	3.1	24
13	Modulated Fluorescence of Colloidal Quantum Dots Embedded in a Porous Alumina Membrane. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14151-14156.	2.6	6
14	Interactive biomedical segmentation tool powered by deep learning and ImJoy. <i>F1000Research</i> , 0, 10, 142.	1.6	7