

Zhengxin Li

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

430
citations

933447

10
h-index

996975

15
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17
all docs

17
docs citations

17
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly selective electrochemical impedance spectroscopy-based aptasensor for sensitive detection of acetamidrid. <i>Biosensors and Bioelectronics</i> , 2013, 43, 12-18.	10.1	190
2	A Femtomolar Level 17β -estradiol Electrochemical Aptasensor Constructed On Hierarchical Dendritic Gold Modified Boron-Doped Diamond Electrode. <i>Electrochimica Acta</i> , 2014, 137, 146-153.	5.2	69
3	Synthesis and Characterization of ZnO/CuO Vertically Aligned Hierarchical Tree-like Nanostructure. <i>Langmuir</i> , 2018, 34, 961-969.	3.5	38
4	A highly sensitive and wide-ranged electrochemical zinc(II) aptasensor fabricated on core-shell $\text{SiO}_2\text{-Pt@meso-SiO}_2$. <i>Biosensors and Bioelectronics</i> , 2014, 52, 293-297.	10.1	31
5	An overview of surface-enhanced Raman scattering substrates by pulsed laser deposition technique: fundamentals and applications. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 885-905.	21.1	20
6	Ultraviolet femtosecond Kerr-gated wide-field fluorescence microscopy. <i>Optics Letters</i> , 2016, 41, 2462.	3.3	18
7	Energy Band Architecture of a Hierarchical ZnO/Au/Cu _x O Nanoforest by Mimicking Natural Superhydrophobic Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40490-40502.	8.0	13
8	High performance anatase-TiO ₂ thin film transistors with a two-step oxidized TiO ₂ channel and plasma enhanced atomic layer-deposited ZrO ₂ gate dielectric. <i>Applied Physics Express</i> , 2019, 12, 096502.	2.4	12
9	Efficient Z-scheme charge separation in novel vertically aligned ZnO/CdSSe nanotrees. <i>Nanotechnology</i> , 2016, 27, 135401.	2.6	11
10	Morphology-Preserving Sensitization of ZnO Nanorod Surfaces via Click-Chemistry. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 768-772.	4.6	10
11	Enhancement-/Depletion-Mode TiO ₂ Thin-Film Transistors via O ₂ /N ₂ Preannealing. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 2346-2351.	3.0	7
12	Femtosecond Luminescence Imaging for Single Nanoparticle Characterization. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4583-4593.	2.5	4
13	Comparison of ZnO surface modification with gas-phase propiolic acid at high and medium vacuum conditions. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, 041404.	2.1	3
14	A versatile strategy for controlled assembly of plasmonic metal/semiconductor hemispherical nano-heterostructure arrays. <i>Nanoscale</i> , 2020, 12, 17530-17537.	5.6	3
15	Ultrafast dynamics of single ZnO nanowires using ultraviolet femtosecond Kerr-gated wide-field fluorescence microscopy. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
16	Synthesis of Hierarchical ZnO/CdSSe Heterostructure Nanotrees. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	0