

Zhi-Qiang Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

432
citations

759233

12
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713466

21
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24
all docs

24
docs citations

24
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled preparation and photocatalytic performance of TiO ₂ /ZnO phase-mixed nanotubes-based nano-spheres. <i>Materials Chemistry and Physics</i> , 2022, 279, 125737.	4.0	5
2	Enhanced visible-light photocatalytic performance of ZIF-8-derived ZnO/TiO ₂ nano-burst-tube by solvothermal system adjustment. <i>Journal of Water Process Engineering</i> , 2022, 47, 102768.	5.6	8
3	Preparation of 3D porous microstructural nano-TiO ₂ photocatalyst with high efficiency based on <i>Spilosoma niveus</i> wings. <i>Materials Chemistry and Physics</i> , 2021, 266, 124519.	4.0	3
4	Preparation and properties of floral CaO/ZnO composite from <i>Achatina fulica</i> snail shell. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61841-61847.	5.3	1
5	TiO ₂ thin-walled nanofiber burst tube doped with Fe ₂ O ₃ nanograss for efficient degradation of levofloxacin: effect of precursor. <i>Nanotechnology</i> , 2021, 32, 495605.	2.6	2
6	Phase separation-based electrospun Janus nanofibers loaded with <i>Rana chensinensis</i> skin peptides/silver nanoparticles for wound healing. <i>Materials and Design</i> , 2021, 207, 109864.	7.0	47
7	Controllable growth of MoS ₂ nanosheets on TiO ₂ burst nanotubes and their photocatalytic activity. <i>RSC Advances</i> , 2020, 10, 40904-40915.	3.6	10
8	Co-Axial Fibers with Janus-Structured Sheaths by Electrospinning Release Corn Peptides for Wound Healing. <i>ACS Applied Bio Materials</i> , 2020, 3, 6430-6438.	4.6	25
9	Controllable growth of three-dimensional CdS nanoparticles on TiO ₂ nanotubes to enhance photocatalytic activity. <i>RSC Advances</i> , 2020, 10, 16776-16782.	3.6	9
10	Novel biomass-derived smoke-like carbon as a supercapacitor electrode material. <i>Royal Society Open Science</i> , 2019, 6, 190132.	2.4	9
11	Preparation of antibacterial PCL/PVP-AgNP Janus nanofibers by uniaxial electrospinning. <i>Materials Letters</i> , 2019, 254, 206-209.	2.6	49
12	Preparation of pod-shaped TiO ₂ and Ag@TiO ₂ nano burst tubes and their photocatalytic activity. <i>Royal Society Open Science</i> , 2019, 6, 191019.	2.4	11
13	Preparation of coral-like Ag ₂ MoO ₄ @TiO ₂ heterostructure and its photocatalytic properties. <i>Materials Chemistry and Physics</i> , 2019, 235, 121765.	4.0	12
14	Novel SA@Ca ²⁺ /RCSPs core-shell structure nanofibers by electrospinning for wound dressings. <i>RSC Advances</i> , 2018, 8, 15558-15566.	3.6	33
15	A novel preparation of hollow TiO ₂ nanotubes and pine-cone shaped CdS nanoparticles coated for enhanced ultraviolet and visible light photocatalytic activity. <i>Materials Letters</i> , 2018, 214, 80-83.	2.6	11
16	The facile preparation of Ag decorated TiO ₂ /ZnO nanotubes and their potent photocatalytic degradation efficiency. <i>RSC Advances</i> , 2017, 7, 50064-50071.	3.6	27
17	A novel preparation of Ag@TiO ₂ tubes and their potent photocatalytic degradation efficiency. <i>CrystEngComm</i> , 2016, 18, 8756-8761.	2.6	22
18	A novel preparation of porous spong-shaped Ag/ZnO heterostructures and their potent photocatalytic degradation efficiency. <i>Materials Letters</i> , 2016, 182, 305-308.	2.6	17

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19	Controllable synthesis of Ag@TiO ₂ heterostructures with enhanced photocatalytic activities under UV and visible excitation. RSC Advances, 2016, 6, 1844-1850.	3.6	31
20	Controllable synthesis of CuS decorated TiO ₂ nanofibers for enhanced photocatalysis. CrystEngComm, 2015, 17, 5496-5501.	2.6	41
21	A novel preparation of Ag-doped TiO ₂ nanofibers with enhanced stability of photocatalytic activity. RSC Advances, 2015, 5, 32088-32091.	3.6	25
22	Preparation of popcorn-shaped CdS nanoparticles by hydrothermal method and their potent photocatalytic degradation efficiency. Materials Letters, 2015, 158, 439-441.	2.6	20
23	3D controllable preparation of composite CuO/TiO ₂ nanofibers. RSC Advances, 2014, 4, 63520-63525.	3.6	14