

Bin Xue

List of Publications by Year in descending order

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36
papers

831
citations

516215

16
h-index

500791

28
g-index

37
all docs

37
docs citations

37
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructure engineering of polymeric carbon nitride with boosted photocatalytic antibacterial activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	1
2	Metal-free polymeric carbon nitride photocatalytic bactericide: precursor-controlled killing activity of <i>E. coli</i> . <i>Environmental Advances</i> , 2021, 4, 100067.	2.2	3
3	Depolymerized phosphorus-doped polymeric carbon nitride: A mercury (II) ion fluorescent probe. <i>Ceramics International</i> , 2021, 47, 24115-24120.	2.3	3
4	Nickel nanoparticles encapsulated by nitrogen-doped bamboo-shaped carbon nanotubes with a high-level doping: A boosting electrocatalyst for alkaline hydrogen evolution. <i>Applied Surface Science</i> , 2021, 564, 150439.	3.1	15
5	Cyano and terminal amino group co-modified polymeric carbon nitride with boosted photocatalytic activity for degradation of dyes and antibiotics. <i>Materials Letters</i> , 2020, 277, 128315.	1.3	5
6	Functional properties and preservative effect on <i>Penaeus vannamei</i> of chitosan films with conjugated or incorporated chlorogenic acid. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 333-340.	3.6	28
7	Synthesis of graphitic carbon nitride“Nanostructured photocatalyst. , 2020, , 279-304.		1
8	Highly dispersed molybdenum-embedded polymeric carbon nitride with enhanced photocatalytic activity for degradation of dyes and antibiotics. <i>Applied Surface Science</i> , 2020, 528, 146931.	3.1	14
9	Self-Assembled Nanoparticle Supertubes as Robust Platform for Revealing Long-Term, Multiscale Lithiation Evolution. <i>Matter</i> , 2019, 1, 976-987.	5.0	41
10	Fabrication of Na, Cl co-doped graphitic carbon nitride with enhanced photocatalytic activity for degradation of dyes and antibiotics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4446-4454.	1.1	26
11	Ultrafine silver nanoparticles deposited on sodium-doped graphitic carbon nitride towards enhanced photocatalytic degradation of dyes and antibiotics under visible light irradiation. <i>Applied Surface Science</i> , 2019, 476, 741-748.	3.1	24
12	Effect of Maillard reaction on rheological, physicochemical and functional properties of oat β -glucan. <i>Food Hydrocolloids</i> , 2019, 89, 90-94.	5.6	19
13	Microwave-assisted one-step rapid synthesis of ternary Ag/Ag ₂ S/g-C ₃ N ₄ heterojunction photocatalysts for improved visible-light induced photodegradation of organic pollutant. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 557-563.	2.0	31
14	Self-assembled Fe ₃ O ₄ nanoparticle-doped TiO ₂ nanorod superparticles with highly enhanced lithium storage properties. <i>Sustainable Energy and Fuels</i> , 2018, 2, 616-625.	2.5	8
15	Maillard reaction of oat β -glucan and the rheological property of its amino acid/peptide conjugates. <i>Food Hydrocolloids</i> , 2018, 76, 30-34.	5.6	25
16	Antioxidant activity of oligochitosan Maillard reaction products using oligochitosan as the amino or carbonyl groups donors. <i>International Journal of Food Properties</i> , 2018, 21, 1964-1971.	1.3	5
17	One-step synthesis of MoS ₂ /g-C ₃ N ₄ nanocomposites with highly enhanced photocatalytic activity. <i>Materials Letters</i> , 2018, 228, 475-478.	1.3	16
18	Tubular Monolayer Superlattices of Hollow Mn ₃ O ₄ Nanocrystals and Their Oxygen Reduction Activity. <i>Journal of the American Chemical Society</i> , 2017, 139, 12133-12136.	6.6	113

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19	Antibacterial activities and preservative effect of chitosan oligosaccharide Maillard reaction products on <i>Penaeus vannamei</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 105, 764-768.	3.6	40
20	ZnS@g-C3N4 Composite Photocatalysts: In Situ Synthesis and Enhanced Visible-Light Photocatalytic Activity. <i>Catalysis Letters</i> , 2016, 146, 2185-2192.	1.4	30
21	Ultrasonic Synthesis of Nanomaterials for Photocatalytic Removal of Pollutants from Wastewater. , 2016, , 587-622.		1
22	Ag/g-C3N4 photocatalysts: Microwave-assisted synthesis and enhanced visible-light photocatalytic activity. <i>Catalysis Communications</i> , 2016, 79, 45-48.	1.6	46
23	Shape-controlled synthesis of In_2S_3 nanocrystals and their lithium storage properties. <i>CrystEngComm</i> , 2016, 18, 250-256.	1.3	20
24	Ultrasonic Synthesis of Nanomaterials for Photocatalytic Removal of Pollutants from Wastewater. , 2016, , 1-36.		0
25	Ternary Alloyed ZnSe _x Te _{1-x} Nanowires: Solution-Phase Synthesis and Band Gap Bowing. <i>Chemistry of Materials</i> , 2015, 27, 1140-1146.	3.2	27
26	Ag/TiO ₂ nanocomposites: Ultrasound-assisted preparation, visible-light induced photocatalytic degradation of methyl orange and antibacterial activity. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 1-6.	3.8	66
27	Preparation and antioxidant activity of xanthan oligosaccharides derivatives with similar substituting degrees. <i>Food Chemistry</i> , 2014, 164, 7-11.	4.2	15
28	Gelatin-assisted green synthesis of bismuth sulfide nanorods under microwave irradiation. <i>Materials Letters</i> , 2014, 122, 106-109.	1.3	22
29	Facile synthesis of mesoporous core-shell TiO ₂ nanostructures from TiCl ₃ . <i>Materials Research Bulletin</i> , 2011, 46, 1524-1529.	2.7	9
30	β -Cyclodextrin-assisted preparation of hierarchical walnut-like Ce(OH)CO ₃ and CeO ₂ mesocrystals. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 210-216.	1.7	10
31	Facile and large-scale synthesis of hollow TiO ₂ nanostructures from TiCl ₃ solution. <i>Materials Letters</i> , 2009, 63, 2377-2380.	1.3	16
32	Growth and characterization of bamboo-like multiwalled carbon nanotubes over Cu/Al ₂ O ₃ catalyst. <i>Journal of Materials Science</i> , 2009, 44, 4040-4046.	1.7	11
33	Microwave Fabrication and Magnetic Property of Hierarchical Spherical γ -Fe ₂ O ₃ Nanostructures. <i>Chemistry Letters</i> , 2008, 37, 1058-1059.	0.7	14
34	Facile Postsynthesis of Visible-Light-Sensitive Titanium Dioxide/Mesoporous SBA-15. <i>Chemistry of Materials</i> , 2007, 19, 3286-3293.	3.2	63
35	Selective catalytic reduction of nitric oxide with propane over Ni-Al ₂ O ₃ : effect of Ni loading. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 89, 81-87.	0.6	11
36	Direct synthesis of zeolite coatings on cordierite supports by in situ hydrothermal method. <i>Applied Catalysis A: General</i> , 2005, 292, 312-321.	2.2	52