

Naping Wu

List of Publications by Year in descending order

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35
papers

1,098
citations

623734

14
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dots-TiO ₂ nanosheets composites for photoreduction of Cr(VI) under sunlight illumination: Favorable role of carbon dots. <i>Applied Catalysis B: Environmental</i> , 2018, 224, 508-517.	20.2	210
2	Efficient removal of radioactive iodide ions from water by three-dimensional Ag ₂ O@Ag/TiO ₂ composites under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2015, 284, 171-181.	12.4	142
3	Synthesis of magnetic orderly mesoporous γ -Fe ₂ O ₃ nanocluster derived from MIL-100(Fe) for rapid and efficient arsenic(III,V) removal. <i>Journal of Hazardous Materials</i> , 2018, 343, 304-314.	12.4	120
4	One-pot synthesis of Mn-doped TiO ₂ grown on graphene and the mechanism for removal of Cr(VI) and Cr(III). <i>Journal of Hazardous Materials</i> , 2016, 310, 188-198.	12.4	108
5	Enhanced Cr(VI) removal from aqueous solutions using Ni/Fe bimetallic nanoparticles: characterization, kinetics and mechanism. <i>RSC Advances</i> , 2014, 4, 50699-50707.	3.6	76
6	The removal and capture of CO ₂ from biogas by vacuum pressure swing process using silica gel. <i>Journal of CO₂ Utilization</i> , 2018, 27, 259-271.	6.8	56
7	Effective elimination of As(III) via simultaneous photocatalytic oxidation and adsorption by a bifunctional cake-like TiO ₂ derived from MIL-125(Ti). <i>Catalysis Science and Technology</i> , 2018, 8, 1936-1944.	4.1	53
8	Arsenic adsorption on Ti-pillared montmorillonite. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 708-714.	3.2	49
9	Synthesis, Characterization, and Adsorptive Properties of Magnetic Cellulose Nanocomposites for Arsenic Removal. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	32
10	Zeolite P synthesis based on fly ash and its removal of Cu(II) and Ni(II) ions. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 341-348.	3.5	32
11	Intensified redox co-conversion of As(III) and Cr(VI) with MIL-125(Ti)-derived COOH functionalized TiO ₂ : Performance and mechanism. <i>Chemical Engineering Journal</i> , 2019, 360, 1223-1232.	12.7	31
12	Hydrothermal fabrication of hyacinth flower-like WS ₂ nanorods and their photocatalytic properties. <i>Materials Letters</i> , 2017, 189, 282-285.	2.6	28
13	WS ₂ nanodots-modified TiO ₂ nanotubes to enhance visible-light photocatalytic activity. <i>Materials Letters</i> , 2019, 240, 47-50.	2.6	27
14	Preparation and characterization of Ti/SnO ₂ -Sb ₂ O ₃ /PbO ₂ /Ce-Nd-PbO ₂ composite electrode for methyl orange degradation. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 545-555.	2.5	15
15	Insight into Design of MIL-125(Ti)-Based Composite with Boosting Photocatalytic Activity: The Embedded Multiple Fe Oxide Count. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901449.	3.7	14
16	Synthesis, characterization, thermodynamic and kinetic investigations on uranium (VI) adsorption using organic-inorganic composites: Zirconyl-molybdopyrophosphate-tributyl phosphate. <i>Science China Chemistry</i> , 2013, 56, 1516-1524.	8.2	12
17	Small water clusters stimulate microcystin biosynthesis in cyanobacterial <i>Microcystis aeruginosa</i> . <i>Journal of Applied Phycology</i> , 2013, 25, 329-336.	2.8	11
18	Magnetic K ₂ Zn ₃ [Fe(CN) ₆] ₂ @ Ni-P composites for highly selective cesium separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 550, 99-107.	4.7	9

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19	Reverse Antisolvent Method To Avoid Jelly-like Phase Generation and Preparation of Crystalline Cefquinome. <i>Crystal Growth and Design</i> , 2019, 19, 1559-1566.	3.0	9
20	Efficient removal of radioactive iodide by three-dimensional Cu@Cu ₂ O: An adsorption and electrocatalytic oxidation coupling process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 124964.	4.7	9
21	Facile Construction of Carbon Dots Layer and Oxygen Vacancies Simultaneously onto TiO ₂ to Enhance Photoreduction Activity. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1310-1318.	4.9	9
22	One-Step Hydrothermal Synthesis of Bi ₂ S ₃ -TiO ₂ -RGO Composites with Enhanced Visible Light Photocatalytic Activities. <i>Nano</i> , 2018, 13, 1850051.	1.0	8
23	Alizarin-TiO ₂ LMCT Complex with Oxygen Vacancies: An Efficient Visible Light Photocatalyst for Cr(VI) Reduction. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1332-1338.	4.9	8
24	Enhanced adsorption of cesium ions by electrochemically switched ion exchange method: Based on surface-synthetic Na ₂ Ti ₃ O ₇ nanotubes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123712.	4.7	7
25	Evolutionary mechanism of b-oriented TS-1 film on porous Al ₂ O ₃ supported chitosan surface in hydrothermal reactions. <i>Science Bulletin</i> , 2010, 55, 3131-3137.	1.7	5
26	Insights into the photosensitization activity of zirconium-titanium pyrophosphate under visible light irradiation. <i>Materials Letters</i> , 2020, 268, 127399.	2.6	5
27	Analysis and simulation of molecular dynamics of lysozyme in water cluster system. <i>Transactions of Tianjin University</i> , 2012, 18, 1-7.	6.4	4
28	String and Ball-Like TiO ₂ /rGO Composites with High Photo-catalysis Degradation Capability for Methylene Blue. <i>Transactions of Tianjin University</i> , 2018, 24, 272-281.	6.4	4
29	CFD-Based Numerical Simulation of Water Film Flash Evaporation with a New Flash Evaporation Model. <i>Transactions of Tianjin University</i> , 2018, 24, 563-570.	6.4	3
30	Effects of small water clusters on the growth and microcystin production of <i>Microcystis aeruginosa</i> . <i>Transactions of Tianjin University</i> , 2012, 18, 279-284.	6.4	1
31	Different paths lead to the same destination: The mechanism of photocatalytic oxidation of As(III) by polyoxometalates. <i>Molecular Catalysis</i> , 2021, 503, 111421.	2.0	1
32	Removal of aflatoxins B ₂ by modified montmorillonite. , 2011, , .		0
33	Analysis of two new degradation products of arsenic triglutathione in aqueous solution. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 292-300.	4.4	0
34	Empirical Mass and Kinetic Models for the Flash Evaporation of NaCl-Water Solution. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6115-6122.	3.7	0
35	Construction of H ₄ K ₂ XnSn _{4+x} /TiO ₂ nanocomposites with enhanced visible light-driven photocatalytic performance. <i>RSC Advances</i> , 2020, 10, 11851-11860.	3.6	0