

Xing Chen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

840
citations

516710

16
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1253
citing authors

#	ARTICLE	IF	CITATIONS
1	UV irradiation synthesis of an Au-graphene nanocomposite with enhanced electrochemical sensing properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9189.	10.3	145
2	Iron Oxide with Different Crystal Phases (α - and β - Fe_2O_3) in Electroanalysis and Ultrasensitive and Selective Detection of Lead(II): An Advancing Approach Using XPS and EXAFS. <i>Analytical Chemistry</i> , 2016, 88, 906-914.	6.5	123
3	Adsorbent Assisted <i>in Situ</i> Electrocatalysis: An Ultra-Sensitive Detection of As(III) in Water at Fe_3O_4 Nanosphere Densely Decorated with Au Nanoparticles. <i>Analytical Chemistry</i> , 2016, 88, 1154-1161.	6.5	90
4	C-doped and N-doped reduced graphene oxide/TiO ₂ composites with exposed (0 0 1) and (1 0 1) facets controllably synthesized by a hydrothermal route and their gas sensing characteristics. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 761-772.	7.8	57
5	Ultrasonic washing for oily sludge treatment in pilot scale. <i>Ultrasonics</i> , 2018, 90, 1-4.	3.9	54
6	Facet-Dependent Stripping Behavior of Cu_2O Microcrystals Toward Lead Ions: A Rational Design for the Determination of Lead Ions. <i>Small</i> , 2015, 11, 2493-2498.	10.0	47
7	Assembling reduced graphene oxide with sulfur/nitrogen- for electrochemical determination of Hg(II). <i>Analytica Chimica Acta</i> , 2020, 1100, 31-39.	5.4	38
8	Insights into the photocatalytic peroxymonosulfate activation over defective boron-doped carbon nitride for efficient pollutants degradation. <i>Journal of Hazardous Materials</i> , 2021, 418, 126338.	12.4	37
9	Size-Controlled TiO ₂ nanocrystals with exposed {001} and {101} facets strongly linking to graphene oxide via p-Phenylenediamine for efficient photocatalytic degradation of fulvic acids. <i>Journal of Hazardous Materials</i> , 2016, 314, 41-50.	12.4	35
10	Robust electrochemical analysis of As(III) integrating with interference tests: A case study in groundwater. <i>Journal of Hazardous Materials</i> , 2014, 278, 66-74.	12.4	33
11	Role of Fe(III) in preventing humic interference during As(III) detection on gold electrode: Spectroscopic and voltammetric evidence. <i>Journal of Hazardous Materials</i> , 2014, 267, 153-160.	12.4	31
12	Mesoporous g-C ₃ N ₄ /CD nanocomposites modified glassy carbon electrode for electrochemical determination of 2,4,6-trinitrotoluene. <i>Talanta</i> , 2020, 208, 120410.	5.5	26
13	Degradation of Tetracycline Hydrochloride by Cu-Doped MIL-101(Fe) Loaded Diatomite Heterogeneous Fenton Catalyt. <i>Nanomaterials</i> , 2022, 12, 811.	4.1	21
14	Hydrothermal synthesis of well-standing γ -MnO ₂ nanoplatelets on nitrogen-doped reduced graphene oxide for high-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 787, 309-317.	5.5	19
15	Magnetic recyclable heterogeneous catalyst $\text{Fe}_3\text{O}_4/\text{g-C}_3\text{N}_4$ for tetracycline hydrochloride degradation via photo-Fenton process under visible light. <i>Environmental Technology (United Kingdom)</i> 42(10) 1195-1204. <small>2,2 / 19</small>	2.2	19
16	The metal-organic framework supported gold nanoparticles as a highly sensitive platform for electrochemical detection of methyl mercury species in the aqueous environment. <i>Journal of Hazardous Materials</i> , 2022, 431, 128608.	12.4	17
17	Roles of alkali metal dopants and surface defects on polymeric carbon nitride in photocatalytic peroxymonosulfate activation towards water decontamination. <i>Journal of Hazardous Materials</i> , 2022, 424, 127292.	12.4	13
18	Construction of Li/K dopants and cyano defects in graphitic carbon nitride for highly efficient peroxymonosulfate activation towards organic contaminants degradation. <i>Chemosphere</i> , 2022, 294, 133700.	8.2	13

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19	SBA-15 Templated Mesoporous Graphitic C ₃ N ₄ for Remarkably Enhanced Photocatalytic Degradation of Organic Pollutants under Visible Light. <i>Nano</i> , 2019, 14, 1950136.	1.0	8
20	Ce ³⁺ triggers fenton-like processes in neutral solutions for effective catechol degradation. <i>Environmental Engineering Research</i> , 2022, 27, 200519-0.	2.5	8
21	Heterogeneous Photo-Fenton Removal of Methyl Orange Using the Sludge Generated in Dyeing Wastewater as Catalysts. <i>Water (Switzerland)</i> , 2022, 14, 629.	2.7	5
22	Heavy Metal Detection: Facet-Dependent Stripping Behavior of Cu ₂ O Microcrystals Toward Lead Ions: A Rational Design for the Determination of Lead Ions (<i>Small</i> 21/2015). <i>Small</i> , 2015, 11, 2584-2584.	10.0	1
23	Organic Pollutants: A Versatile Environmental Impedimetric Sensor for Ultrasensitive Determination of Persistent Organic Pollutants (POPs) and Highly Toxic Inorganic Ions (<i>Adv. Sci.</i> 5/2015). <i>Advanced Science</i> , 2015, 2, .	11.2	0
24	±-MnO ₂ Nanowires and Amino-Modified Reduced Graphene Oxide Hybrid Films for Constructing the Flexible High-Performance Symmetrical Supercapacitors. <i>Nano</i> , 2021, 16, 2150080.	1.0	0