

# Xing Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8503904/publications.pdf>

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	Magnetic recyclable heterogeneous catalyst Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> for tetracycline hydrochloride degradation via photo-Fenton process under visible light. Environmental Technology (United Kingdom), 2022, 43(1), 107-114.	2.2	19
2	Roles of alkali metal dopants and surface defects on polymeric carbon nitride in photocatalytic peroxymonosulfate activation towards water decontamination. Journal of Hazardous Materials, 2022, 424, 127292.	12.4	13
3	Ce <sup>3+</sup> triggers fenton-like processes in neutral solutions for effective catechol degradation. Environmental Engineering Research, 2022, 27, 200519-0.	2.5	8
4	Construction of Li/K dopants and cyano defects in graphitic carbon nitride for highly efficient peroxymonosulfate activation towards organic contaminants degradation. Chemosphere, 2022, 294, 133700.	8.2	13
5	Degradation of Tetracycline Hydrochloride by Cu-Doped MIL-101(Fe) Loaded Diatomite Heterogeneous Fenton Catalyst. Nanomaterials, 2022, 12, 811.	4.1	21
6	Heterogeneous Photo-Fenton Removal of Methyl Orange Using the Sludge Generated in Dyeing Wastewater as Catalysts. Water (Switzerland), 2022, 14, 629.	2.7	5
7	The metal-organic framework supported gold nanoparticles as a highly sensitive platform for electrochemical detection of methyl mercury species in the aqueous environment. Journal of Hazardous Materials, 2022, 431, 128608.	12.4	17
8	±-MnO <sub>2</sub> Nanowires and Amino-Modified Reduced Graphene Oxide Hybrid Films for Constructing the Flexible High-Performance Symmetrical Supercapacitors. Nano, 2021, 16, 2150080.	1.0	0
9	Insights into the photocatalytic peroxymonosulfate activation over defective boron-doped carbon nitride for efficient pollutants degradation. Journal of Hazardous Materials, 2021, 418, 126338.	12.4	37
10	Mesoporous g-C <sub>3</sub> N <sub>4</sub> /CD nanocomposites modified glassy carbon electrode for electrochemical determination of 2,4,6-trinitrotoluene. Talanta, 2020, 208, 120410.	5.5	26
11	Assembling reduced graphene oxide with sulfur/nitrogen- for electrochemical determination of Hg(II). Analytica Chimica Acta, 2020, 1100, 31-39.	5.4	38
12	Hydrothermal synthesis of well-standing ±-MnO <sub>2</sub> nanoplatelets on nitrogen-doped reduced graphene oxide for high-performance supercapacitor. Journal of Alloys and Compounds, 2019, 787, 309-317.	5.5	19
13	SBA-15 Templated Mesoporous Graphitic C <sub>3</sub> N <sub>4</sub> for Remarkably Enhanced Photocatalytic Degradation of Organic Pollutants under Visible Light. Nano, 2019, 14, 1950136.	1.0	8
14	Ultrasonic washing for oily sludge treatment in pilot scale. Ultrasonics, 2018, 90, 1-4.	3.9	54
15	Size-Controlled TiO <sub>2</sub> nanocrystals with exposed {001} and {101} facets strongly linking to graphene oxide via p-Phenylenediamine for efficient photocatalytic degradation of fulvic acids. Journal of Hazardous Materials, 2016, 314, 41-50.	12.4	35
16	Iron Oxide with Different Crystal Phases (±- and ± <sup>3</sup> -Fe <sub>2</sub> O <sub>3</sub> ) in Electroanalysis and Ultrasensitive and Selective Detection of Lead(II): An Advancing Approach Using XPS and EXAFS. Analytical Chemistry, 2016, 88, 906-914.	6.5	123
17	C-doped and N-doped reduced graphene oxide/TiO <sub>2</sub> composites with exposed (0 0 1) and (1 0 1) facets controllably synthesized by a hydrothermal route and their gas sensing characteristics. Sensors and Actuators B: Chemical, 2016, 230, 761-772.	7.8	57
18	Adsorbent Assisted <i>in Situ</i> Electrocatalysis: An Ultra-Sensitive Detection of As(III) in Water at Fe <sub>3</sub> O <sub>4</sub> Nanosphere Densely Decorated with Au Nanoparticles. Analytical Chemistry, 2016, 88, 1154-1161.	6.5	90

#	ARTICLE	IF	CITATIONS
19	Organic Pollutants: A Versatile Environmental Impedimetric Sensor for Ultrasensitive Determination of Persistent Organic Pollutants (POPs) and Highly Toxic Inorganic Ions (Adv. Sci. 5/2015). Advanced Science, 2015, 2, .	11.2	0
20	Heavy Metal Detection: Facet-Dependent Stripping Behavior of Cu <sub>2</sub> O Microcrystals Toward Lead Ions: A Rational Design for the Determination of Lead Ions (Small 21/2015). Small, 2015, 11, 2584-2584.	10.0	1
21	Facet-Dependent Stripping Behavior of Cu <sub>2</sub> O Microcrystals Toward Lead Ions: A Rational Design for the Determination of Lead Ions. Small, 2015, 11, 2493-2498.	10.0	47
22	Role of Fe(III) in preventing humic interference during As(III) detection on gold electrode: Spectroscopic and voltammetric evidence. Journal of Hazardous Materials, 2014, 267, 153-160.	12.4	31
23	Robust electrochemical analysis of As(III) integrating with interference tests: A case study in groundwater. Journal of Hazardous Materials, 2014, 278, 66-74.	12.4	33
24	UV irradiation synthesis of an Au-graphene nanocomposite with enhanced electrochemical sensing properties. Journal of Materials Chemistry A, 2013, 1, 9189.	10.3	145