

# Yanshi Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/906339/publications.pdf>

Version: 2024-02-01

11  
papers

353  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	A self-sufficient electro-Fenton system with enhanced oxygen transfer for decontamination of pharmaceutical wastewater. <i>Chemical Engineering Journal</i> , 2022, 429, 132176.	12.7	32
2	Sustainable Fe <sup>3+</sup> reduction by Fe <sub>3</sub> O <sub>4</sub> @tourmaline in Fenton-like system. <i>Chemical Engineering Journal</i> , 2022, 437, 135480.	12.7	23
3	Boosting hydrogen peroxide accumulation by a novel air-breathing gas diffusion electrode in electro-Fenton system. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121617.	20.2	25
4	Enhanced electro-Fenton degradation of sulfonamides using the N, S co-doped cathode: Mechanism for H <sub>2</sub> O <sub>2</sub> formation and pollutants decay. <i>Journal of Hazardous Materials</i> , 2021, 403, 123950.	12.4	73
5	A charcoal-shaped catalyst NiFe <sub>2</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> in electro-Fenton: high activity, wide pH range and catalytic mechanism. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1996-2008.	2.2	12
6	Three-dimensional nickel foam electrode for efficient electro-Fenton in a novel reactor. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 730-740.	2.2	8
7	Degradation of sulfathiazole by electro-Fenton using a nitrogen-doped cathode and a BDD anode: Insight into the H <sub>2</sub> O <sub>2</sub> generation and radical oxidation. <i>Science of the Total Environment</i> , 2020, 722, 137853.	8.0	58
8	Three-dimensional electro-Fenton system with iron foam as particle electrode for folic acid wastewater pretreatment. <i>Separation and Purification Technology</i> , 2019, 224, 463-474.	7.9	36
9	Enhanced degradation of sulfathiazole by electro-Fenton process using a novel carbon nitride modified electrode. <i>Carbon</i> , 2019, 145, 321-332.	10.3	52
10	Melamine-derived carbon electrode for efficient H <sub>2</sub> O <sub>2</sub> electro-generation. <i>Electrochimica Acta</i> , 2018, 261, 375-383.	5.2	26
11	Breakage of flocculation implemented by two-stage shear for enhancing waste-activated sludge dewaterability: Effects of shear condition and extracellular polymeric substances. <i>Drying Technology</i> , 2018, 36, 418-434.	3.1	7