

# Yiqing Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11467697/publications.pdf>

Version: 2024-02-01

10  
papers

488  
citations

1040056

9  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

605  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic and mechanistic investigation of azathioprine degradation in water by UV, UV/H <sub>2</sub> O <sub>2</sub> and UV/persulfate. <i>Chemical Engineering Journal</i> , 2016, 302, 526-534.	12.7	153
2	Comparison of amoxicillin photodegradation in the UV/H <sub>2</sub> O <sub>2</sub> and UV/persulfate systems: Reaction kinetics, degradation pathways, and antibacterial activity. <i>Chemical Engineering Journal</i> , 2019, 372, 420-428.	12.7	115
3	Degradation of cyclophosphamide and 5-fluorouracil in water using UV and UV/H <sub>2</sub> O <sub>2</sub> : Kinetics investigation, pathways and energetic analysis. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1133-1139.	6.7	49
4	Direct and indirect photodegradation pathways of cytostatic drugs under UV germicidal irradiation: Process kinetics and influences of water matrix species and oxidant dosing. <i>Journal of Hazardous Materials</i> , 2017, 324, 481-488.	12.4	46
5	Treatment of Textile Wastewater Using Advanced Oxidation Processes—A Critical Review. <i>Water (Switzerland)</i> , 2021, 13, 3515.	2.7	39
6	Investigation of UV-TiO <sub>2</sub> photocatalysis and its mechanism in <i>Bacillus subtilis</i> spore inactivation. <i>Journal of Environmental Sciences</i> , 2014, 26, 1943-1948.	6.1	25
7	UV direct photolysis of halogenated disinfection byproducts: Experimental study and QSAR modeling. <i>Chemosphere</i> , 2019, 235, 719-725.	8.2	25
8	Inactivation of <i>Bacillus subtilis</i> Spores Using Various Combinations of Ultraviolet Treatment with Addition of Hydrogen Peroxide. <i>Photochemistry and Photobiology</i> , 2014, 90, 609-614.	2.5	22
9	Factors affecting UV/H <sub>2</sub> O <sub>2</sub> inactivation of <i>Bacillus atrophaeus</i> spores in drinking water. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 134, 9-15.	3.8	13
10	Photodegradation of Cytostatic Drugs in Low-Pressure UV Photoreactor Through Direct and Indirect Pathways. , 2020, , 245-257.		1