

CITATION REPORT

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Direct photo transformation of tetracycline and sulfanamide group antibiotics in surface water: Kinetics, toxicity and site modeling

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Science of the Total Environment, 2019, 686, 1-9.

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#	Paper	IF	Citations
20	Fabrication of novel tetrahedral Ag ₃ PO ₄ /g-C ₃ N ₄ /BiVO ₄ ternary composite for efficient detoxification of sulfamethoxazole. <i>Chemical Engineering Research and Design</i> , 2020 , 143, 340-347	5.5	6
19	Phototransformation of roxithromycin in the presence of dissolved organic matter: Characterization of the degradation products and toxicity evaluation. <i>Science of the Total Environment</i> , 2020 , 733, 139348	10.2	3
18	Effects of natural organic matter on the photolysis of tetracycline in aquatic environment: Kinetics and mechanism. <i>Chemosphere</i> , 2021 , 263, 128338	8.4	6
17	Antibiotics in the surface water of Shanghai, China: screening, distribution, and indicator selecting. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 9836-9848	5.1	4
16	Fast one-step preparation of porous carbon with hierarchical oxygen-enriched structure from waste lignin for chloramphenicol removal. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 27398-27410	5.1	6
15	Tetracyclines in the environment: An overview on the occurrence, fate, toxicity, detection, removal methods, and sludge management. <i>Science of the Total Environment</i> , 2021 , 771, 145291	10.2	58
14	Photodegradation of fragrance materials and triclosan in water: Direct photolysis and photosensitized degradation. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101766	7	4
13	Oxidation of antibiotics by ferrate(VI) in water: Evaluation of their removal efficiency and toxicity changes. <i>Chemosphere</i> , 2021 , 277, 130365	8.4	12
12	Abiotic transformation and ecotoxicity change of sulfonamide antibiotics in environmental and water treatment processes: A critical review. <i>Water Research</i> , 2021 , 202, 117463	12.5	12
11	Occurrence, fate, and risk assessment of typical tetracycline antibiotics in the aquatic environment: A review. <i>Science of the Total Environment</i> , 2021 , 753, 141975	10.2	121
10	Toxicity assessment and microbial response to soil antibiotic exposure: differences between individual and mixed antibiotics.. <i>Environmental Sciences: Processes and Impacts</i> , 2022 ,	4.3	
9	What are the drivers of tetracycline photolysis induced by polystyrene microplastic?. <i>Chemical Engineering Journal</i> , 2022 , 435, 134827	14.7	2
8	Effect of chlorination on the characteristics of effluent organic matter and the phototransformation of sulfamethoxazole in secondary wastewater.. <i>Chemosphere</i> , 2021 , 133193	8.4	0
7	Transformation products of tetracyclines in three typical municipal wastewater treatment plants.. <i>Science of the Total Environment</i> , 2022 , 154647	10.2	1
6	Remediation of pharmaceuticals from contaminated water by molecularly imprinted polymers: a review.. <i>Environmental Chemistry Letters</i> , 2022 , 1-36	13.3	2
5	Intimately coupled gC ₃ N ₄ photocatalysis and mixed culture biofilm enhanced detoxification of sulfamethoxazole: Elucidating degradation mechanism and toxicity assessment. <i>Environmental Research</i> , 2022 , 214, 113824	7.9	1
4	Process modeling and toxicological evaluation of adsorption of tetracycline onto the magnetized cotton dust biochar. 2022 , 49, 103046		1

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- 2 A kinetic study of the photolysis of sulfamethoxazole with special emphasis on the photoisomer. ○
- 1 Impact of Antibiotic Pollution on the Bacterial Population within Surface Water with Special Focus on Mountain Rivers. **2023**, 15, 975 ○