

The potential implications of reclaimed wastewater reuse in the agricultural environment: The knowns and unknowns of antibiotic resistant bacteria and resistance genes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Microwave-Enhanced Photolysis of Norfloxacin: Kinetics, Matrix Effects, and Degradation Pathways. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1564.	1.2	13
2	Electrospun BiOCl/Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> Nanorod Heterostructures with Enhanced Solar Light Efficiency in the Photocatalytic Degradation of Tetracycline Hydrochloride. <i>ChemCatChem</i> , 2018, 10, 2496-2504.	1.8	57
3	Long-Term Exposure of Agricultural Soil to Veterinary Antibiotics Changes the Population Structure of Symbiotic Nitrogen-Fixing Rhizobacteria Occupying Nodules of Soybeans ( <i>Glycine max</i> ). <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	15
4	Can the pharmaceutically active compounds released in agroecosystems be considered as emerging plant stressors?. <i>Environment International</i> , 2018, 114, 360-364.	4.8	73
5	Adsorption of tetracycline on Fe (hydr)oxides: effects of pH and metal cation (Cu <sup>2+</sup> , Zn) <i>Environmental Science and Technology</i> , 2018, 52, 17194-17199.	1.1	48
6	Stability of penicillin G in ionic liquid [Bmim]PF <sub>6</sub> . <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1430-1434.	1.7	4
7	Antibiotic resistance in wastewater treatment plants: Tackling the black box. <i>Environment International</i> , 2018, 115, 312-324.	4.8	341
8	Enhanced oxidation of antibiotics by ferrate(VI)-sulfur(IV) system: Elucidating multi-oxidant mechanism. <i>Chemical Engineering Journal</i> , 2018, 341, 137-145.	6.6	90
9	Insights into the uptake, metabolization, and translocation of four non-steroidal anti-inflammatory drugs in <i>Lepidium sativum</i> by HPLC-MS. <i>Electrophoresis</i> , 2018, 39, 1294-1300.	1.3	22
10	DNA as a Pollutant: the Clinical Class 1 Integron. <i>Current Pollution Reports</i> , 2018, 4, 49-55.	3.1	49
11	Antimicrobial resistance and the environment: assessment of advances, gaps and recommendations for agriculture, aquaculture and pharmaceutical manufacturing. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	71
12	Evaluating tetracycline degradation pathway and intermediate toxicity during the electrochemical oxidation over a Ti/Ti <sub>4</sub> O <sub>7</sub> anode. <i>Water Research</i> , 2018, 137, 324-334.	5.3	493
13	Study of pharmaceuticals in surface and wastewater from Cuernavaca, Morelos, Mexico: Occurrence and environmental risk assessment. <i>Science of the Total Environment</i> , 2018, 613-614, 1263-1274.	3.9	263
14	Occurrence and risk assessment of antibiotics in water and lettuce in Ghana. <i>Science of the Total Environment</i> , 2018, 622-623, 293-305.	3.9	181
15	How Valuable Are Organic Amendments as Tools for the Phytomanagement of Degraded Soils? The Knowns, Known Unknowns, and Unknowns. <i>Frontiers in Sustainable Food Systems</i> , 2018, 2, .	1.8	58
16	Antibiotic-resistant indicator bacteria in irrigation water: High prevalence of extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2018, 13, e0207857.	1.1	45
17	Antibiotic-Resistant Bacteria in Greywater and Greywater-Irrigated Soils. <i>Frontiers in Microbiology</i> , 2018, 9, 2666.	1.5	22
18	Analysis of Bacterial Community Characteristics, Abundance of Antibiotics and Antibiotic Resistance Genes Along a Pollution Gradient of Ba River in Xi'an, China. <i>Frontiers in Microbiology</i> , 2018, 9, 3191.	1.5	48

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19	Epidemiological Evidence and Health Risks Associated With Agricultural Reuse of Partially Treated and Untreated Wastewater: A Review. <i>Frontiers in Public Health</i> , 2018, 6, 337.	1.3	85
20	A rationale for the high limits of quantification of antibiotic resistance genes in soil. <i>Environmental Pollution</i> , 2018, 243, 1696-1703.	3.7	14
21	Co-contamination of antibiotics and metals in peri-urban agricultural soils and source identification. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34063-34075.	2.7	24
22	Policy options for reducing antibiotics and antibiotic-resistant genes in the environment. <i>Journal of Public Health Policy</i> , 2018, 39, 389-406.	1.0	53
23	Health Effects Associated with Wastewater Treatment, Reuse and Disposal. <i>Water Environment Research</i> , 2018, 90, 1759-1776.	1.3	9
24	The effects of environmental conditions on the enrichment of antibiotics on microplastics in simulated natural water column. <i>Environmental Research</i> , 2018, 166, 377-383.	3.7	82
25	Production of porous activated carbons from <i>Caesalpinia ferrea</i> seed pod wastes: Highly efficient removal of captopril from aqueous solutions. <i>Journal of Cleaner Production</i> , 2018, 197, 919-929.	4.6	122
26	Wastewater-based epidemiology biomarkers: Past, present and future. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 453-469.	5.8	327
27	Carbamazepine as a Possible Anthropogenic Marker in Water: Occurrences, Toxicological Effects, Regulations and Removal by Wastewater Treatment Technologies. <i>Water (Switzerland)</i> , 2018, 10, 107.	1.2	124
28	Tracing back multidrug-resistant bacteria in fresh herb production: from chive to source through the irrigation water chain. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	21
29	Water and sanitation: an essential battlefield in the war on antimicrobial resistance. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	104
30	Uptake and bioaccumulation of three widely prescribed pharmaceutically active compounds in tomato fruits and mediated effects on fruit quality attributes. <i>Science of the Total Environment</i> , 2019, 647, 1169-1178.	3.9	36
31	The utilization of reclaimed water: Possible risks arising from waterborne contaminants. <i>Environmental Pollution</i> , 2019, 254, 113020.	3.7	82
32	Reclamation of Real Urban Wastewater Using Solar Advanced Oxidation Processes: An Assessment of Microbial Pathogens and 74 Organic Microcontaminants Uptake in Lettuce and Radish. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9705-9714.	4.6	23
33	Fe (III)-grafted Bi <sub>2</sub> MoO <sub>6</sub> nanoplates for enhanced photocatalytic activities on tetracycline degradation and HMF oxidation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5187.	1.7	23
34	Antibiotic resistance gene distribution in agricultural fields and crops. A soil-to-food analysis. <i>Environmental Research</i> , 2019, 177, 108608.	3.7	84
35	Eliminating partial-transformation products and mitigating residual toxicity of amoxicillin through intimately coupled photocatalysis and biodegradation. <i>Chemosphere</i> , 2019, 237, 124491.	4.2	33
36	Hydroponic Lettuce Production Using Treated Post-Hydrothermal Liquefaction Wastewater (PHW). <i>Sustainability</i> , 2019, 11, 3605.	1.6	14

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37	Rapid determination of antibiotic residues in cereals by liquid chromatography triple mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6129-6139.	1.9	19
38	High-quality treated wastewater causes remarkable changes in natural microbial communities and intl1 gene abundance. <i>Water Research</i> , 2019, 167, 114895.	5.3	33
39	Irrigation Water Qualityâ€”A Contemporary Perspective. <i>Water (Switzerland)</i> , 2019, 11, 1482.	1.2	74
40	Aerobic and Anaerobic Biological Degradation of Pharmaceutically Active Compounds in Rice Paddy Soils. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2505.	1.3	4
41	The rGO/BIOBr/Bi<sub>4</sub>O<sub>5</sub>Br<sub>2</sub> Composites with Stacked Nanosheets for Ciprofloxacin Photodegradation under Visible Light Irradiation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 1153-1160.	0.6	10
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44	Comparison of Culture- and Quantitative PCR-Based Indicators of Antibiotic Resistance in Wastewater, Recycled Water, and Tap Water. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4217.	1.2	31
45	Characterization of implementation limits and identification of optimization strategies for sustainable water resource recovery through life cycle impact analysis. <i>Environment International</i> , 2019, 133, 105266.	4.8	12
46	The contribution of selected organic substrates to the anaerobic cometabolism of sulfamethazine. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 263-270.	0.7	13
47	Antibiotic resistance genes identified in wastewater treatment plant systems â€” A review. <i>Science of the Total Environment</i> , 2019, 697, 134023.	3.9	396
48	Effects of microplastics on distribution of antibiotic resistance genes in recirculating aquaculture system. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109631.	2.9	118
49	Occurrence and human health implications of chemical contaminants in vegetables grown in peri-urban agriculture. <i>Environment International</i> , 2019, 124, 49-57.	4.8	59
50	Use of chemically activated termite feces a low-cost adsorbent for the adsorption of norfloxacin from aqueous solution. <i>Water Science and Technology</i> , 2019, 79, 291-301.	1.2	10
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52	Simultaneous determination of multiclass antibiotics and their metabolites in four types of field-grown vegetables. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5209-5222.	1.9	32
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54	Amino-functionalized synthesis of MnO <sub>2</sub> -NH <sub>2</sub> -GO for catalytic ozonation of cephalexin. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117797.	10.8	41
55	Impact of Persistent Droughts on the Quality of the Middle East Water Resources. <i>Separation Science and Technology</i> , 2019, , 51-84.	0.0	8

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56	Discussion paper: Sustainable increase of crop production through improved technical strategies, breeding and adapted management – A European perspective. <i>Science of the Total Environment</i> , 2019, 678, 146-161.	3.9	24
57	Hospital wastewater treatment by sponge membrane bioreactor coupled with ozonation process. <i>Chemosphere</i> , 2019, 230, 377-383.	4.2	68
58	Kinetic assessment of antibiotic resistant bacteria inactivation by solar photo-Fenton in batch and continuous flow mode for wastewater reuse. <i>Water Research</i> , 2019, 159, 184-191.	5.3	28
59	Treatment of Post-Hydrothermal Liquefaction Wastewater (PHWW) for Heavy Metals, Nutrients, and Indicator Pathogens. <i>Water (Switzerland)</i> , 2019, 11, 854.	1.2	5
60	Variations in soil and plant-microbiome composition with different quality irrigation waters and biochar supplementation. <i>Applied Soil Ecology</i> , 2019, 142, 99-109.	2.1	19
61	Individual and mixture toxicity evaluation of three pharmaceuticals to the germination and growth of <i>Lactuca sativa</i> seeds. <i>Science of the Total Environment</i> , 2019, 673, 102-109.	3.9	48
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63	Occurrence and spatial variation of antibiotic resistance genes (ARGs) in the Hetao Irrigation District, China. <i>Environmental Pollution</i> , 2019, 251, 792-801.	3.7	20
64	Flocculation of different types of combined contaminants of antibiotics and heavy metals by thermo-responsive flocculants with various architectures. <i>Separation and Purification Technology</i> , 2019, 223, 123-132.	3.9	57
65	Evaluating Microbial and Chemical Hazards in Commercial Struvite Recovered from Wastewater. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5378-5386.	4.6	31
66	Complexities in understanding antimicrobial resistance across domesticated animal, human, and environmental systems. <i>Annals of the New York Academy of Sciences</i> , 2019, 1441, 17-30.	1.8	112
67	Bacteria-assisted removal of fluoroquinolones from wheat rhizospheres in an agricultural soil. <i>Chemosphere</i> , 2019, 226, 8-16.	4.2	6
68	Antimicrobial Resistance and Agriculture. , 2019, , 477-480.		0
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70	Predicting the uptake of emerging organic contaminants in vegetables irrigated with treated wastewater – Implications for food safety assessment. <i>Environmental Research</i> , 2019, 172, 175-181.	3.7	58
71	Assessing the risk of utilizing tidal coastal wetlands for wastewater management. <i>Journal of Environmental Management</i> , 2019, 236, 269-279.	3.8	11
72	Risk-Yuck Factor Nexus in Reclaimed Wastewater for Irrigation: Comparing Farmers’s Attitudes and Public Perception. <i>Water (Switzerland)</i> , 2019, 11, 187.	1.2	34
73	Carbon-based materials as adsorbent for antibiotics removal: Mechanisms and influencing factors. <i>Journal of Environmental Management</i> , 2019, 237, 128-138.	3.8	266

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75	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , 2019, 170, 422-432.	3.7	127
76	Piggery wastewater treatment by aerobic granular sludge: Granulation process and antibiotics and antibiotic-resistant bacteria removal and transport. <i>Bioresource Technology</i> , 2019, 273, 350-357.	4.8	69
77	Antibiotic-resistance gene transfer in antibiotic-resistance bacteria under different light irradiation: Implications from oxidative stress and gene expression. <i>Water Research</i> , 2019, 149, 282-291.	5.3	115
78	Gingerbread ingredient-derived carbons-assembled CNT foam for the efficient peroxymonosulfate-mediated degradation of emerging pharmaceutical contaminants. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 367-384.	10.8	63
79	Human exposure to antibiotic resistant- <i>Escherichia coli</i> through irrigated lettuce. <i>Environment International</i> , 2019, 122, 270-280.	4.8	36
80	Magnetic nanoferromanganese oxides modified biochar derived from pine sawdust for adsorption of tetracycline hydrochloride. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5892-5903.	2.7	86
81	Efficient Heterogeneous Activation of Persulfate by Iron-Modified Biochar for Removal of Antibiotic from Aqueous Solution: A Case Study of Tetracycline Removal. <i>Catalysts</i> , 2019, 9, 49.	1.6	50
82	Antibiotics Pollution in Soil and Water: Potential Ecological and Human Health Issues. , 2019, , 118-131.		3
83	Reducing aquatic micropollutants – Increasing the focus on input prevention and integrated emission management. <i>Science of the Total Environment</i> , 2019, 652, 836-850.	3.9	84
84	Biochar combined with polyvalent phage therapy to mitigate antibiotic resistance pathogenic bacteria vertical transfer risk in an undisturbed soil column system. <i>Journal of Hazardous Materials</i> , 2019, 365, 1-8.	6.5	32
85	Response of chloramphenicol-reducing biocathode resistome to continuous electrical stimulation. <i>Water Research</i> , 2019, 148, 398-406.	5.3	90
86	Veterinary pharmaceuticals and antibiotics in manure and slurry and their fate in amended agricultural soils: Findings from an experimental field site (Baix Empordà, NE Catalonia). <i>Science of the Total Environment</i> , 2019, 654, 1337-1349.	3.9	101
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88	The impact of municipal sewage sludge stabilization processes on the abundance, field persistence, and transmission of antibiotic resistant bacteria and antibiotic resistance genes to vegetables at harvest. <i>Science of the Total Environment</i> , 2019, 651, 1680-1687.	3.9	51
89	Degradation of chloramphenicol by chlorine and chlorine dioxide in a pilot-scale water distribution system. <i>Separation and Purification Technology</i> , 2019, 211, 564-570.	3.9	24
90	New toxic emerging contaminants: beyond the toxicological effects. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1-4.	2.7	138
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93	Magnetic graphene TiO <sub>2</sub> -based photocatalyst for the removal of pollutants of emerging concern in water by simulated sunlight aided photocatalytic ozonation. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118275.	10.8	59
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95	Mechanisms underlying the photocatalytic degradation pathway of ciprofloxacin with heterogeneous TiO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2020, 380, 122366.	6.6	258
96	Seasonal variations in antibiotic resistance genes in estuarine sediments and the driving mechanisms. <i>Journal of Hazardous Materials</i> , 2020, 383, 121164.	6.5	32
97	Recent progress in sustainable technologies for adsorptive and reactive removal of sulfonamides. <i>Chemical Engineering Journal</i> , 2020, 389, 123423.	6.6	122
98	Risk assessment of contaminants of emerging concern in the context of wastewater reuse for irrigation: An integrated modelling approach. <i>Chemosphere</i> , 2020, 242, 125185.	4.2	61
99	Best available technologies and treatment trains to address current challenges in urban wastewater reuse for irrigation of crops in EU countries. <i>Science of the Total Environment</i> , 2020, 710, 136312.	3.9	167
100	Occurrence and human health risk assessment of pharmaceuticals and personal care products in real agricultural systems with long-term reclaimed wastewater irrigation in Beijing, China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110022.	2.9	72
101	Occurrence, ecotoxicological risks of sulfonamides and their acetylated metabolites in the typical wastewater treatment plants and receiving rivers at the Pearl River Delta. <i>Science of the Total Environment</i> , 2020, 709, 136192.	3.9	48
102	Biocompatible metal-free organic phosphorescent nanoparticles for efficiently multidrug-resistant bacteria eradication. <i>Science China Materials</i> , 2020, 63, 316-324.	3.5	20
103	A novel strategy of successive non-radical and radical process for enhancing the utilization efficiency of persulfate. <i>Chemosphere</i> , 2020, 245, 125555.	4.2	21
104	Water Analysis: Emerging Contaminants and Current Issues. <i>Analytical Chemistry</i> , 2020, 92, 473-505.	3.2	264
105	Rapid decontamination of tetracycline hydrolysis product using electrochemical CNT filter: Mechanism, impacting factors and pathways. <i>Chemosphere</i> , 2020, 244, 125525.	4.2	40
106	Hollow hydroxyapatite microspheres modified by CdS nanoparticles for efficiently photocatalytic degradation of tetracycline. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 106, 148-158.	2.7	49
107	Wastewater Treatment by Advanced Oxidation Process and Their Worldwide Research Trends. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 170.	1.2	244
108	Review of Circular Economy in urban water sector: Challenges and opportunities in India. <i>Journal of Environmental Management</i> , 2020, 271, 111010.	3.8	75
109	Water reuse and recycling in Japan " History, current situation, and future perspectives. <i>Water Cycle</i> , 2020, 1, 1-12.	2.1	75



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110	Mechanism insight into efficient peroxydisulfate activation by novel nano zero-valent iron anchored $\gamma\text{Co}_3\text{O}_4$ (nZVI/ $\gamma\text{Co}_3\text{O}_4$ ) composites. <i>Journal of Hazardous Materials</i> , 2020, 400, 123157.	6.5	39
111	Natural Purification Through Soils: Risks and Opportunities of Sewage Effluent Reuse in Sub-surface Irrigation. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020, 250, 85-117.	0.7	3
112	Impact assessment of textile effluent on health and microbiota of agricultural soil in Bhagwanpur (Uttarakhand), India. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	4
113	Implementing Sustainable Irrigation in Water-Scarce Regions under the Impact of Climate Change. <i>Agronomy</i> , 2020, 10, 1120.	1.3	97
114	Degradation of Ampicillin and Flucloxacillin Antibiotics via Oxidation by Alkaline Hexacyanoferrate(III): Kinetics and Mechanistic Aspects. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 16217-16224.	1.8	10
115	Editorial: Exploring the need to include microbiomes into EFSA's scientific assessments. <i>EFSA Journal</i> , 2020, 18, e18061.	0.9	17
116	Environmental risks of sewage sludge reuse in agriculture. <i>Advances in Chemical Pollution, Environmental Management and Protection</i> , 2020, , 137-180.	0.3	3
117	Study on the mechanism of degradation of tetracycline hydrochloride by microwave-activated sodium persulfate. <i>Water Science and Technology</i> , 2020, 82, 1961-1970.	1.2	19
118	Removal of antibiotic resistance genes (ARGs) in various wastewater treatment processes: An overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 571-630.	6.6	85
119	Long-Term Persistence of blaCTX-M-15 in Soil and Lettuce after Introducing Extended-Spectrum $\beta$ -Lactamase (ESBL)-Producing <i>Escherichia coli</i> via Manure or Water. <i>Microorganisms</i> , 2020, 8, 1646.	1.6	19
120	Nanocomposites for electrochemical detection of environmental pollutants. , 2020, , 555-581.		1
121	An African perspective on the prevalence, fate and effects of carbapenem resistance genes in hospital effluents and wastewater treatment plant (WWTP) final effluents: A critical review. <i>Heliyon</i> , 2020, 6, e03899.	1.4	15
122	Environmental Fate and Transport of Veterinary Antibiotics Derived from Animal Manure. <i>ASA Special Publication</i> , 2020, , 409-430.	0.8	6
123	Inactivation of carbapenemase-producing Enterobacterales during anaerobic co-digestion of food waste and pig manure. <i>Bioresource Technology Reports</i> , 2020, 11, 100455.	1.5	2
124	Responsible Water Reuse Needs an Interdisciplinary Approach to Balance Risks and Benefits. <i>Water (Switzerland)</i> , 2020, 12, 1264.	1.2	18
125	Challenges of municipal wastewater reclamation for irrigation by MBR and NF/RO: Physico-chemical and microbiological parameters, and emerging contaminants. <i>Science of the Total Environment</i> , 2020, 722, 137959.	3.9	48
126	Treated wastewater used in fresh produce irrigation in Nsukka, Southeast Nigeria is a reservoir of enterotoxigenic and multidrug-resistant <i>Escherichia coli</i> . <i>Heliyon</i> , 2020, 6, e03780.	1.4	20
127	Preparation of $\text{CoFe}_2\text{O}_4@P4VP@Ag$ NPs as effective and recyclable catalysts for the degradation of organic pollutants with $\text{NaBH}_4$ in water. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 16080-16093.	3.8	28



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128	Facile construction of novel Bi <sub>2</sub> WO <sub>6</sub> /Ta <sub>3</sub> N <sub>5</sub> Z-scheme heterojunction nanofibers for efficient degradation of harmful pharmaceutical pollutants. <i>Chemical Engineering Journal</i> , 2020, 402, 126165.	6.6	277
129	Hybrid advanced oxidation process (HAOP) as highly efficient and powerful treatment for complete demineralization of antibiotics. <i>Separation and Purification Technology</i> , 2020, 241, 116728.	3.9	20
130	Potential of industrial composting and anaerobic digestion for the removal of antibiotics, antibiotic resistance genes and heavy metals from chicken manure. <i>Science of the Total Environment</i> , 2020, 718, 137414.	3.9	66
131	Metagenomic insights into the profile of antibiotic resistomes in a large drinking water reservoir. <i>Environment International</i> , 2020, 136, 105449.	4.8	65
132	Antibiotic resistome associated with microbial communities in an integrated wastewater reclamation system. <i>Water Research</i> , 2020, 173, 115541.	5.3	53
133	Quantification of fluoroquinolones in wastewaters by liquid chromatography-tandem mass spectrometry. <i>Environmental Pollution</i> , 2020, 259, 113927.	3.7	42
134	Novel and efficient red phosphorus/hollow hydroxyapatite microsphere photocatalyst for fast removal of antibiotic pollutants. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 139, 109353.	1.9	32
135	Regulating water reuse for agricultural irrigation: risks related to organic micro-contaminants. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	110
136	Responses of Exogenous Bacteria to Soluble Extracellular Polymeric Substances in Wastewater: A Mechanistic Study and Implications on Bioaugmentation. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6919-6928.	4.6	11
137	Photocatalytic degradation of tetracycline hydrochloride over rugby-like $\text{I}^2\text{-Ga}_2\text{O}_3$ with a 3D hierarchically assembled porous structure for environmental remediation. <i>Catalysis Science and Technology</i> , 2020, 10, 3315-3323.	2.1	14
138	Distribution pattern of antibiotic resistance genes and bacterial community in agricultural soil samples of Wuliangshuai watershed. <i>China. Agriculture, Ecosystems and Environment</i> , 2020, 295, 106884.	2.5	20
139	Prevalence of Antibiotic Resistome in Ready-to-Eat Salad. <i>Frontiers in Public Health</i> , 2020, 8, 92.	1.3	23
140	Occurrence and human health risk assessment of antibiotics and their metabolites in vegetables grown in field-scale agricultural systems. <i>Journal of Hazardous Materials</i> , 2021, 401, 123424.	6.5	59
141	Effects of natural sunlight on antimicrobial-resistant bacteria (AMRB) and antimicrobial-susceptible bacteria (AMSB) in wastewater and river water. <i>Science of the Total Environment</i> , 2021, 766, 142568.	3.9	23
142	Risk assessment and investigation of landfill leachate as a source of emerging organic contaminants to the surrounding environment: a case study of the largest landfill in Jinan City, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18368-18381.	2.7	24
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