

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45 papers	1,460 citations	21 h-index	38 g-index
46 ext. papers	2,154 ext. citations	10.5 avg, IF	5.27 L-index

#	Paper	IF	Citations
45	Enantiomer-dependent immunological response to chiral nanoparticles.. <i>Nature</i> , 2022 , 601, 366-373	50.4	36
44	Mechanisms and product toxicity of activated carbon/peracetic acid for degradation of sulfamethoxazole: implications for groundwater remediation.. <i>Water Research</i> , 2022 , 216, 118347	12.5	0
43	Polybrominated diphenyl ethers (PBDEs) in the Danjiangkou Reservoir, China: identification of priority PBDE congeners. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 12587-12596	5.1	3
42	Human health risk assessment of selected pharmaceuticals in the five major river basins, China. <i>Science of the Total Environment</i> , 2021 , 801, 149730	10.2	3
41	Chiral Cu Co S Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13915-13922	16.4	15
40	Chiral CuxCoyS Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. <i>Angewandte Chemie</i> , 2020 , 132, 14019-14026	3.6	7
39	Comparing the effects of different types of inorganic nanoparticles on 17 β -estradiol adsorption by graphene oxide. <i>Environmental Research</i> , 2020 , 187, 109656	7.9	3
38	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. <i>Angewandte Chemie</i> , 2020 , 132, 8776-8783	3.6	5
37	Photocatalytic degradation of ofloxacin by perovskite-type NaNbO ₃ nanorods modified g-C ₃ N ₄ heterojunction under simulated solar light: Theoretical calculation, ofloxacin degradation pathways and toxicity evolution. <i>Chemical Engineering Journal</i> , 2020 , 400, 125918	14.7	41
36	An NIR-Responsive DNA-Mediated Nanotetrahedron Enhances the Clearance of Senescent Cells. <i>Advanced Materials</i> , 2020 , 32, e2000184	24	21
35	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8698-8705	16.4	12
34	A novel analytical model based on arc tangent velocity field for prediction of rolling force in strip rolling. <i>Meccanica</i> , 2020 , 55, 1453-1462	2.1	2
33	2D/1D graphitic carbon nitride/titanate nanotubes heterostructure for efficient photocatalysis of sulfamethazine under solar light: Catalytic Hot spots at the rutile/titanate interfaces. <i>Applied Catalysis B: Environmental</i> , 2020 , 263, 118357	21.8	113
32	Occurrence and risks of antibiotics in an urban river in northeastern Tibetan Plateau. <i>Scientific Reports</i> , 2020 , 10, 20054	4.9	11
31	Photolytic Degradation of Tetracycline in the Presence of Ca(II) and/or Humic Acid. <i>Water (Switzerland)</i> , 2020 , 12, 2078	3	0
30	Enrichment of antibiotics in an inland lake water. <i>Environmental Research</i> , 2020 , 190, 110029	7.9	8
29	Photocatalytic transformation fate and toxicity of ciprofloxacin related to dissociation species: Experimental and theoretical evidences. <i>Water Research</i> , 2020 , 185, 116286	12.5	28

28	Photoelectrocatalytic degradation of organics and formation of disinfection byproducts in reverse osmosis concentrate. <i>Water Research</i> , 2020 , 168, 115105	12.5	12
27	Graphene modified anatase/titanate nanosheets with enhanced photocatalytic activity for efficient degradation of sulfamethazine under simulated solar light. <i>Chemosphere</i> , 2019 , 233, 198-206	8.4	34
26	Molecular insights into the effects of Cu(II) on sulfamethoxazole and 17 β -estradiol adsorption by carbon nanotubes/CoFe ₂ O ₄ composites. <i>Chemical Engineering Journal</i> , 2019 , 373, 995-1002	14.7	17
25	Co-adsorption of ciprofloxacin and Cu(II) onto titanate nanotubes: Speciation variation and metal-organic complexation. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111375	6	13
24	Tailoring Chiroptical Activity of Iron Disulfide Quantum Dot Hydrogels with Circularly Polarized Light. <i>Advanced Materials</i> , 2019 , 31, e1903200	24	34
23	Occurrence and removal of antibiotics and antibiotic resistance genes in natural and constructed riverine wetlands in Beijing, China. <i>Science of the Total Environment</i> , 2019 , 664, 546-553	10.2	45
22	Antibiotics in water and sediments of Danjiangkou Reservoir, China: Spatiotemporal distribution and indicator screening. <i>Environmental Pollution</i> , 2019 , 246, 435-442	9.3	48
21	Adsorption mechanisms of ibuprofen and naproxen to UiO-66 and UiO-66-NH ₂ : Batch experiment and DFT calculation. <i>Chemical Engineering Journal</i> , 2019 , 360, 645-653	14.7	90
20	Transformation products formation of ciprofloxacin in UVA/LED and UVA/LED/TiO systems: Impact of natural organic matter characteristics. <i>Water Research</i> , 2018 , 132, 320-330	12.5	52
19	A duodecennial national synthesis of antibiotics in China's major rivers and seas (2005-2016). <i>Science of the Total Environment</i> , 2018 , 615, 906-917	10.2	197
18	Research on the influence of nonlocal effect on specific roll pressure by nonlocal stress gradient model in strip rolling. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 94, 1857-1862	3.2	3
17	Antibiotics in water and sediments of rivers and coastal area of Zhuhai City, Pearl River estuary, south China. <i>Science of the Total Environment</i> , 2018 , 636, 1009-1019	10.2	85
16	Simple Layer-by-Layer Assembly Method for Simultaneously Enhanced Electrical Conductivity and Thermopower of PEDOT:PSS/ce-MoS ₂ Heterostructure Films. <i>ACS Applied Energy Materials</i> , 2018 , 1, 3123-3133	6.1	37
15	Occurrence and distribution of antibiotic resistance genes in the sediments of drinking water sources, urban rivers, and coastal areas in Zhuhai, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 26209-26217	5.1	28
14	Gigahertz Integrated Circuits Based on Complementary Black Phosphorus Transistors. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800274	6.4	19
13	Effects of natural minerals on the adsorption of 17 β -estradiol and bisphenol A on graphene oxide and reduced graphene oxide. <i>Environmental Science: Nano</i> , 2017 , 4, 1377-1388	7.1	39
12	Effects of Fe ₂ O ₃ and ZnO nanoparticles on 17 β -estradiol adsorption to carbon nanotubes. <i>Chemical Engineering Journal</i> , 2017 , 326, 1134-1144	14.7	21
11	An effective dual-solvent treatment for improving the thermoelectric property of PEDOT:PSS with white graphene. <i>Journal of Materials Science</i> , 2017 , 52, 9806-9818	4.3	32

10	An improved inverse method by envelope fitting for prediction of contact stresses in strip rolling. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 5219-5227	2	2
9	Photolytic and photocatalytic degradation of tetracycline: Effect of humic acid on degradation kinetics and mechanisms. <i>Journal of Hazardous Materials</i> , 2016 , 318, 134-144	12.8	150
8	Spatial Compartmentalization Specializes the Function of Aurora A and Aurora B. <i>Journal of Biological Chemistry</i> , 2015 , 290, 17546-58	5.4	30
7	Photocatalytic degradation of 17 β -ethinylestradiol in mono- and binary systems of fulvic acid and Fe(III): Application of fluorescence excitation/emission matrixes. <i>Chemical Engineering Journal</i> , 2014 , 237, 101-108	14.7	21
6	Concentration determination of new fungicide in river water by ultrasound-assisted emulsification micro-extraction and reversed-phase high performance liquid chromatography. <i>Analytical Methods</i> , 2012 , 4, 2365	3.2	6
5	Effect of natural organic matter (NOM) on Cu(II) adsorption by multi-walled carbon nanotubes: Relationship with NOM properties. <i>Chemical Engineering Journal</i> , 2012 , 200-202, 627-636	14.7	61
4	A comparative study on aggregation/sedimentation of TiO ₂ nanoparticles in mono- and binary systems of fulvic acids and Fe(III). <i>Journal of Hazardous Materials</i> , 2011 , 197, 70-9	12.8	45
3	Initial photocatalytic degradation intermediates/pathways of 17 α -ethinylestradiol: effect of pH and methanol. <i>Chemosphere</i> , 2010 , 81, 92-9	8.4	25
2	Looseness monitoring of multiple M1 bolt joints using multivariate intrinsic multiscale entropy analysis and Lorentz signal-enhanced piezoelectric active sensing. <i>Structural Health Monitoring</i> , 2017 , 147592172210884	4.4	4
1	Robust fault diagnosis of rolling bearing via phase space reconstruction of intrinsic mode functions and neural network under various operating conditions. <i>Structural Health Monitoring</i> , 2017 , 147592172210911	4.4	2