

# Qiang Xue

## List of Publications by Year in descending order

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57  
papers

1,457  
citations

279798

23  
h-index

361022

35  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using an improved ecological footprint model to analyze the sustainable utilization of water resources in Beijingâ€“Tianjinâ€“Hebei region. <i>Environment, Development and Sustainability</i> , 2023, 25, 8517-8538.	5.0	3
2	Highly efficient detection of chloramphenicol in water using Ag and TiO <sub>2</sub> nanoparticles modified laser-induced graphene electrode. <i>Microchemical Journal</i> , 2022, 173, 107037.	4.5	21
3	Highly efficient detection of Cd(II) ions by a stannum and cerium bimetal-modified laser-induced graphene electrode in water. <i>Chemical Engineering Journal</i> , 2022, 433, 133791.	12.7	17
4	Recent progress regarding electrochemical sensors for the detection of typical pollutants in water environments. <i>Analytical Sciences</i> , 2022, 38, 55-70.	1.6	31
5	A mechanistic study of ciprofloxacin adsorption by goethite in the presence of silver and titanium dioxide nanoparticles. <i>Journal of Environmental Sciences</i> , 2022, 118, 46-56.	6.1	4
6	Recent advances in electrochemical sensors for antibiotics and their applications. <i>Chinese Chemical Letters</i> , 2021, 32, 609-619.	9.0	92
7	New insight into adsorption and reduction of hexavalent chromium by magnetite: Multi-step reaction mechanism and kinetic model developing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125784.	4.7	23
8	The influence of soil particle size distribution and clay minerals on ammonium nitrogen in weathered crust elution-deposited rare earth tailing. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111663.	6.0	25
9	Behavior and mechanism of different fraction lead leach with several typical sulfate lixivants in the weathered crust elution-deposited rare earth ore. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31885-31894.	5.3	8
10	The influence mechanism of the molecular structure on the peak current and peak potential in electrochemical detection of typical quinolone antibiotics. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13873-13877.	2.8	7
11	Facile fabrication nano-sized red phosphorus with enhanced photocatalytic activity by hydrothermal and ultrasonic method. <i>Catalysis Today</i> , 2020, 340, 115-120.	4.4	31
12	Study on Pb release by several new lixivants in weathered crust elution-deposited rare earth ore leaching process: Behavior and mechanism. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110138.	6.0	18
13	Voltammetric determination of ofloxacin by using a laser-modified carbon glassy electrode. <i>Mikrochimica Acta</i> , 2020, 187, 86.	5.0	19
14	Transcriptomics and targeted metabolomics profilings for elucidation of pigmentation in <i>Lonicera japonica</i> flowers at different developmental stages. <i>Industrial Crops and Products</i> , 2020, 145, 111981.	5.2	32
15	Pollution characteristics of aromatic hydrocarbons in the groundwater of China. <i>Journal of Contaminant Hydrology</i> , 2020, 233, 103676.	3.3	15
16	Antioxidant evaluation-guided chemical profiling and structure-activity analysis of leaf extracts from five trees in <i>Broussonetia</i> and <i>Morus</i> (Moraceae). <i>Scientific Reports</i> , 2020, 10, 4808.	3.3	17
17	Efficient electrochemical detection of geosmin in environmental waters. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 2206-2215.	2.1	2
18	New insight into the removal of Cd(II) from aqueous solution by diatomite. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9882-9890.	5.3	15

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19	New insights into the effect of pH on the mechanism of ofloxacin electrochemical detection in aqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16282-16287.	2.8	30
20	Highly efficient detection of ciprofloxacin in water using a nitrogen-doped carbon electrode fabricated through plasma modification. <i>New Journal of Chemistry</i> , 2019, 43, 15169-15176.	2.8	25
21	Identification of bioactive phenolics from <i>Porana sinensis</i> Hemsl. stem by UPLC-QTOF-MS/MS and the confirmation of anti-inflammatory indicators using LPS-induced RAW264.7 cells. <i>Inflammopharmacology</i> , 2019, 27, 1055-1069.	3.9	8
22	New insights on Cr(VI) retention by ferrihydrite in the presence of Fe(II). <i>Chemosphere</i> , 2019, 222, 511-516.	8.2	46
23	Phenolic Compounds and Ginsenosides in Ginseng Shoots and Their Antioxidant and Anti-Inflammatory Capacities in LPS-Induced RAW264.7 Mouse Macrophages. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2951.	4.1	31
24	Mechanistic insight into interactions between tetracycline and two iron oxide minerals with different crystal structures. <i>Chemical Engineering Journal</i> , 2019, 366, 577-586.	12.7	54
25	Comparison of Free, Esterified, and Insoluble-Bound Phenolics and Their Bioactivities in Three Organs of <i>Lonicera japonica</i> and <i>L. macranthoides</i> . <i>Molecules</i> , 2019, 24, 970.	3.8	14
26	Bioactive components and antioxidant activities of oak cup crude extract and its four partially purified fractions by HPD-100 macroporous resin chromatography. <i>Arabian Journal of Chemistry</i> , 2019, 12, 249-261.	4.9	19
27	Effect of multifactors interaction on competitive adsorption of Zn <sup>2+</sup> and Cd <sup>2+</sup> by response surface methodology. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	5
28	Leach of the weathering crust elution-deposited rare earth ore for low environmental pollution with a combination of (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> and EDTA. <i>Chemosphere</i> , 2018, 199, 160-167.	8.2	35
29	Treatment of real benzene dye intermediates wastewater by the Fenton method: characteristics and multi-response optimization. <i>RSC Advances</i> , 2018, 8, 80-90.	3.6	55
30	Study on the degradation mechanism and pathway of benzene dye intermediate 4-methoxy-2-nitroaniline via multiple methods in Fenton oxidation process. <i>RSC Advances</i> , 2018, 8, 10764-10775.	3.6	14
31	Seasonal dynamics of constitutive levels of phenolic components lead to alterations of antioxidant capacities in <i>Acer truncatum</i> leaves. <i>Arabian Journal of Chemistry</i> , 2018, 11, 14-25.	4.9	25
32	Identification and inhibitory activities of ellagic acid- and kaempferol-derivatives from Mongolian oak cups against $\alpha$ -glucosidase, $\alpha$ -amylase and protein glycation linked to type II diabetes and its complications and their influence on HepG2 cells' viability. <i>Arabian Journal of Chemistry</i> , 2018, 11, 1247-1259.	4.9	30
33	Structure-activity relationship of eight high content flavonoids analyzed with a preliminary assign-score method and their contribution to antioxidant ability of flavonoids-rich extract from <i>Scutellaria baicalensis</i> shoots. <i>Arabian Journal of Chemistry</i> , 2018, 11, 159-170.	4.9	42
34	Highly efficient treatment of real benzene dye intermediate wastewater by simple limestone and lime neutralization-coagulation with improved Fenton oxidation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31125-31135.	5.3	7
35	Inhibitory effects against $\alpha$ -glucosidase and $\alpha$ -amylase of the flavonoids-rich extract from <i>Scutellaria baicalensis</i> shoots and interpretation of structure-activity relationship of its eight flavonoids by a refined assign-score method. <i>Chemistry Central Journal</i> , 2018, 12, 82.	2.6	78
36	Mechanistic study of lead desorption during the leaching process of ion-absorbed rare earths: pH effect and the column experiment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12918-12926.	5.3	12

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37	Comparative evaluations on phenolic antioxidants of nine adulterants and anti-inflammation of four alternatives with their original herb <i>Erycibe schmidtii</i> . <i>RSC Advances</i> , 2017, 7, 51151-51161.	3.6	12
38	Enhanced recovery of water due to ammonia nitrogen contamination caused by mining processes. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	12
39	Investigation of Zn <sup>2+</sup> and Cd <sup>2+</sup> Adsorption Performance by Different Weathering Basalts. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	6
40	Photocatalytic degradation of geosmin by Pd nanoparticle modified WO <sub>3</sub> catalyst under simulated solar light. <i>Chemical Engineering Journal</i> , 2016, 283, 614-621.	12.7	43
41	Ultra-high performance liquid chromatography-electrospray tandem mass spectrometry for the analysis of antibiotic residues in environmental waters. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16857-16867.	5.3	30
42	Removal of ammonium from swine wastewater by zeolite combined with chlorination for regeneration. <i>Journal of Environmental Management</i> , 2015, 160, 333-341.	7.8	54
43	Degradation of trichloroethene by siderite-catalyzed hydrogen peroxide and persulfate: Investigation of reaction mechanisms and degradation products. <i>Chemical Engineering Journal</i> , 2015, 274, 61-68.	12.7	54
44	Degradation of microcystins by an electrochemical oxidative electrode cell. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1027-1033.	2.2	6
45	Human cytochrome P450 3A4 and a carbon nanofiber modified film electrode as a platform for the simple evaluation of drug metabolism and inhibition reactions. <i>Analyst, The</i> , 2013, 138, 6463.	3.5	23
46	Improved Direct Electrochemistry for Proteins Adsorbed on a UV/Ozone-Treated Carbon Nanofiber Electrode. <i>Analytical Sciences</i> , 2013, 29, 611-618.	1.6	18
47	Enzymatic pathway for biodegrading microcystin LR in <i>Sphingopyxis</i> sp. C-1. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 630-634.	2.2	92
48	Electron Cyclotron Resonance-Sputtered Nanocarbon Film Electrode Compared with Diamond-Like Carbon and Glassy Carbon Electrodes as Regards Electrochemical Properties and Biomolecule Adsorption. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090124.	1.5	9
49	Geosmin degradation by seasonal biofilm from a biological treatment facility. <i>Environmental Science and Pollution Research</i> , 2012, 19, 700-707.	5.3	18
50	Efficient removal of nitrate using electrochemical-ion exchange method and pretreatment of straw with by-products for biological fermentation. <i>Desalination</i> , 2011, 278, 275-280.	8.2	6
51	Development of a ceramic adsorbent for the removal of 2-methylisoborneol from aqueous solution. <i>Desalination</i> , 2011, 281, 293-297.	8.2	1
52	Development of long-life-cycle tablet ceramic adsorbent for geosmin removal from water solution. <i>Applied Surface Science</i> , 2011, 257, 2091-2096.	6.1	12
53	Electrochemical degradation of geosmin using electrode of Ti/IrO <sub>2</sub> -Pt. <i>Desalination</i> , 2011, 265, 135-139.	8.2	32
54	Optimization of electrochemical ammonia removal using Box-Behnken design. <i>Journal of Electroanalytical Chemistry</i> , 2011, 657, 66-73.	3.8	31

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55	Isolation and identification of novel geosmin-degrading bacteria. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 830-833.	1.8	1
56	Removal of geosmin (trans-1,10-dimethyl-trans-9-decalol) from aqueous solution using an indirect electrochemical method. <i>Electrochimica Acta</i> , 2010, 55, 6979-6982.	5.2	18
57	Optimization of process parameters for electrochemical nitrate removal using Boxâ€œBehnken design. <i>Electrochimica Acta</i> , 2010, 56, 265-270.	5.2	69