Qiang Xue

List of Publications by Year
in descending order

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57	1,457	279798	361022
papers	citations	23 h-index	35 g-index

57	57	57	1767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enzymatic pathway for biodegrading microcystin LR in Sphingopyxis sp. C-1. Journal of Bioscience and Bioengineering, 2012, 114, 630-634.	2.2	92
2	Recent advances in electrochemical sensors for antibiotics and their applications. Chinese Chemical Letters, 2021, 32, 609-619.	9.0	92
3	Inhibitory effects against Î±-glucosidase and Î±-amylase of the flavonoids-rich extract from Scutellaria baicalensis shoots and interpretation of structureâ€“activity relationship of its eight flavonoids by a refined assign-score method. Chemistry Central Journal, 2018, 12, 82.	2.6	78
4	Optimization of process parameters for electrochemical nitrate removal using Boxâ€“Behnken design. Electrochimica Acta, 2010, 56, 265-270.	5.2	69
5	Treatment of real benzene dye intermediates wastewater by the Fenton method: characteristics and multi-response optimization. RSC Advances, 2018, 8, 80-90.	3.6	55
6	Removal of ammonium from swine wastewater by zeolite combined with chlorination for regeneration. Journal of Environmental Management, 2015, 160, 333-341.	7.8	54
7	Degradation of trichloroethene by siderite-catalyzed hydrogen peroxide and persulfate: Investigation of reaction mechanisms and degradation products. Chemical Engineering Journal, 2015, 274, 61-68.	12.7	54
8	Mechanistic insight into interactions between tetracycline and two iron oxide minerals with different crystal structures. Chemical Engineering Journal, 2019, 366, 577-586.	12.7	54
9	New insights on Cr(VI) retention by ferrihydrite in the presence of Fe(II). Chemosphere, 2019, 222, 511-516.	8.2	46
10	Photocatalytic degradation of geosmin by Pd nanoparticle modified WO3 catalyst under simulated solar light. Chemical Engineering Journal, 2016, 283, 614-621.	12.7	43
11	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 Scutellaria baicalensis shoots. Arabian Journal of Chemistry, 2018, 11, 159-170.	4.9	42
12	Leach of the weathering crust elution-deposited rare earth ore for low environmental pollution with a combination of (NH4)2SO4 and EDTA. Chemosphere, 2018, 199, 160-167.	8.2	35
13	Electrochemical degradation of geosmin using electrode of Ti/IrO2â€“Pt. Desalination, 2011, 265, 135-139.	8.2	32
14	Transcriptomics and targeted metabolomics profilings for elucidation of pigmentation in Lonicera japonica flowers at different developmental stages. Industrial Crops and Products, 2020, 145, 111981.	5.2	32
15	Optimization of electrochemical ammonia removal using Boxâ€“Behnken design. Journal of Electroanalytical Chemistry, 2011, 657, 66-73.	3.8	31
16	Phenolic Compounds and Ginsenosides in Ginseng Shoots and Their Antioxidant and Anti-Inflammatory Capacities in LPS-Induced RAW264.7 Mouse Macrophages. International Journal of Molecular Sciences, 2019, 20, 2951.	4.1	31
17	Facile fabrication nano-sized red phosphorus with enhanced photocatalytic activity by hydrothermal and ultrasonic method. Catalysis Today, 2020, 340, 115-120.	4.4	31
18	Recent progress regarding electrochemical sensors for the detection of typical pollutants in water environments. Analytical Sciences, 2022, 38, 55-70.	1.6	31

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19	Ultra-high performance liquid chromatography-electrospray tandem mass spectrometry for the analysis of antibiotic residues in environmental waters. Environmental Science and Pollution Research, 2015, 22, 16857-16867.	5.3	30
20	Identification and inhibitory activities of ellagic acid- and kaempferol-derivatives from Mongolian oak cups against Î±-glucosidase, Î±-amylase and protein glycation linked to type II diabetes and its complications and their influence on HepG2 cellsâ€™ viability. Arabian Journal of Chemistry, 2018, 11, 1247-1259.	4.9	30
21	New insights into the effect of pH on the mechanism of ofloxacin electrochemical detection in aqueous solution. Physical Chemistry Chemical Physics, 2019, 21, 16282-16287.	2.8	30
22	Seasonal dynamics of constitutive levels of phenolic components lead to alterations of antioxidant capacities in Acer truncatum leaves. Arabian Journal of Chemistry, 2018, 11, 14-25.	4.9	25
23	Highly efficient detection of ciprofloxacin in water using a nitrogen-doped carbon electrode fabricated through plasma modification. New Journal of Chemistry, 2019, 43, 15169-15176.	2.8	25
24	The influence of soil particle size distribution and clay minerals on ammonium nitrogen in weathered crust elution-deposited rare earth tailing. Ecotoxicology and Environmental Safety, 2021, 208, 111663.	6.0	25
25	Human cytochrome P450 3A4 and a carbon nanofiber modified film electrode as a platform for the simple evaluation of drug metabolism and inhibition reactions. Analyst, The, 2013, 138, 6463.	3.5	23
26	New insight into adsorption and reduction of hexavalent chromium by magnetite: Multi-step reaction mechanism and kinetic model developing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125784.	4.7	23
27	Highly efficient detection of chloramphenicol in water using Ag and TiO2 nanoparticles modified laser-induced graphene electrode. Microchemical Journal, 2022, 173, 107037.	4.5	21
28	Bioactive components and antioxidant activities of oak cup crude extract and its four partially purified fractions by HPD-100 macroporous resin chromatography. Arabian Journal of Chemistry, 2019, 12, 249-261.	4.9	19
29	Voltammetric determination of ofloxacin by using a laser-modified carbon glassy electrode. Mikrochimica Acta, 2020, 187, 86.	5.0	19
30	Removal of geosmin (trans-1,10-dimethyl-trans-9-decalol) from aqueous solution using an indirect electrochemical method. Electrochimica Acta, 2010, 55, 6979-6982.	5.2	18
31	Geosmin degradation by seasonal biofilm from a biological treatment facility. Environmental Science and Pollution Research, 2012, 19, 700-707.	5.3	18
32	Improved Direct Electrochemistry for Proteins Adsorbed on a UV/Ozone-Treated Carbon Nanofiber Electrode. Analytical Sciences, 2013, 29, 611-618.	1.6	18
33	Study on Pb release by several new lixiviants in weathered crust elution-deposited rare earth ore leaching process: Behavior and mechanism. Ecotoxicology and Environmental Safety, 2020, 190, 110138.	6.0	18
34	Antioxidant evaluation-guided chemical profiling and structure-activity analysis of leaf extracts from five trees in Broussonetia and Morus (Moraceae). Scientific Reports, 2020, 10, 4808.	3.3	17
35	Highly efficient detection of Cd(II) ions by a stannum and cerium bimetal-modified laser-induced graphene electrode in water. Chemical Engineering Journal, 2022, 433, 133791.	12.7	17
36	Pollution characteristics of aromatic hydrocarbons in the groundwater of China. Journal of Contaminant Hydrology, 2020, 233, 103676.	3.3	15

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37	New insight into the removal of Cd(II) from aqueous solution by diatomite. Environmental Science and Pollution Research, 2020, 27, 9882-9890.	5.3	15
38	Study on the degradation mechanism and pathway of benzene dye intermediate 4-methoxy-2-nitroaniline via multiple methods in Fenton oxidation process. RSC Advances, 2018, 8, 10764-10775.	3.6	14
39	Comparison of Free, Esterified, and Insoluble-Bound Phenolics and Their Bioactivities in Three Organs of Lonicera japonica and L. macranthoides. Molecules, 2019, 24, 970.	3.8	14
40	Development of long-life-cycle tablet ceramic adsorbent for geosmin removal from water solution. Applied Surface Science, 2011, 257, 2091-2096.	6.1	12
41	Enhanced recovery of water due to ammonia nitrogen contamination caused by mining processes. Environmental Earth Sciences, 2016, 75, 1.	2.7	12
42	Mechanistic study of lead desorption during the leaching process of ion-absorbed rare earths: pH effect and the column experiment. Environmental Science and Pollution Research, 2017, 24, 12918-12926.	5.3	12
43	Comparative evaluations on phenolic antioxidants of nine adulterants and anti-inflammation of four alternatives with their original herb Erycibe schmidtii. RSC Advances, 2017, 7, 51151-51161.	3.6	12
44	Electron Cyclotron Resonance-Sputtered Nanocarbon Film Electrode Compared with Diamond-Like Carbon and Glassy Carbon Electrodes as Regards Electrochemical Properties and Biomolecule Adsorption. Japanese Journal of Applied Physics, 2012, 51, 090124.	1.5	9
45	Identification of bioactive phenolics from Porana sinensis Hemsl. stem by UPLC-QTOF-MS/MS and the confirmation of anti-inflammatory indicators using LPS-induced RAW264.7 cells. Inflammopharmacology, 2019, 27, 1055-1069.	3.9	8
46	Behavior and mechanism of different fraction lead leach with several typical sulfate lixiviants in the weathered crust elution-deposited rare earth ore. Environmental Science and Pollution Research, 2021, 28, 31885-31894.	5.3	8
47	Highly efficient treatment of real benzene dye intermediate wastewater by simple limestone and lime neutralization-coagulation with improved Fenton oxidation. Environmental Science and Pollution Research, 2018, 25, 31125-31135.	5.3	7
48	The influence mechanism of the molecular structure on the peak current and peak potential in electrochemical detection of typical quinolone antibiotics. Physical Chemistry Chemical Physics, 2021, 23, 13873-13877.	2.8	7
49	Efficient removal of nitrate using electrochemical-ion exchange method and pretreatment of straw with by-products for biological fermentation. Desalination, 2011, 278, 275-280.	8.2	6
50	Degradation of microcystins by an electrochemical oxidative electrode cell. Environmental Technology (United Kingdom), 2013, 34, 1027-1033.	2.2	6
51	Investigation of Zn2+ and Cd2+ Adsorption Performance by Different Weathering Basalts. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	6
52	Effect of multifactors interaction on competitive adsorption of Zn2+ and Cd2+ by response surface methodology. Environmental Earth Sciences, 2018, 77, 1.	2.7	5
53	A mechanistic study of ciprofloxacin adsorption by goethite in the presence of silver and titanium dioxide nanoparticles. Journal of Environmental Sciences, 2022, 118, 46-56.	6.1	4
54	Using an improved ecological footprint model to analyze the sustainable utilization of water resources in Beijingâ€“Tianjinâ€“Hebei region. Environment, Development and Sustainability, 2023, 25, 8517-8538.	5.0	3

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55	Efficient electrochemical detection of geosmin in environmental waters. Water Science and Technology: Water Supply, 2020, 20, 2206-2215.	2.1	2
56	Development of a ceramic adsorbent for the removal of 2-methylisoborneol from aqueous solution. Desalination, 2011, 281, 293-297.	8.2	1
57	Isolation and identification of novel geosmin-degrading bacteria. Frontiers in Bioscience - Elite, 2011, E3, 830-833.	1.8	1