

Chenghong Feng

List of Publications by Year in descending order

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56
papers

3,109
citations

186265
28
h-index

161849
54
g-index

56
all docs

56
docs citations

56
times ranked

3778
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of direct dyes by coagulation: The performance of preformed polymeric aluminum species. Journal of Hazardous Materials, 2007, 143, 567-574.	12.4	452
2	Role of living environments in the accumulation characteristics of heavy metals in fishes and crabs in the Yangtze River Estuary, China. Marine Pollution Bulletin, 2012, 64, 1163-1171.	5.0	199
3	Visible-light-mediated Sr-Bi ₂ O ₃ photocatalysis of tetracycline: Kinetics, mechanisms and toxicity assessment. Chemosphere, 2013, 93, 1-8.	8.2	168
4	Salinity increases the mobility of Cd, Cu, Mn, and Pb in the sediments of Yangtze Estuary: Relative role of sediments' properties and metal speciation. Chemosphere, 2013, 91, 977-984.	8.2	166
5	Risk assessment of sedimentary metals in the Yangtze Estuary: New evidence of the relationships between two typical index methods. Journal of Hazardous Materials, 2012, 241-242, 164-172.	12.4	161
6	Highly Efficient and Mild Electrochemical Mineralization of Long-Chain Perfluorocarboxylic Acids (C ₉ -C ₁₀) by Ti/SnO ₂ -Sb-Ce, Ti/SnO ₂ -Sb/Ce-PbO ₂ , and Ti/BDD Electrodes. Environmental Science & Technology, 2013, 47, 13039-13046.	10.0	157
7	Impacts of nanoplastics on bivalve: Fluorescence tracing of organ accumulation, oxidative stress and damage. Journal of Hazardous Materials, 2020, 392, 122418.	12.4	138
8	Nanoplastic-Induced Genotoxicity and Intestinal Damage in Freshwater Benthic Clams (<i>Corbicula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	14.6	138
9	Spatial distribution and source apportionment of PAHs in surficial sediments of the Yangtze Estuary, China. Marine Pollution Bulletin, 2012, 64, 636-643.	5.0	134
10	Spatial variation, environmental assessment and source identification of heavy metals in sediments of the Yangtze River Estuary. Marine Pollution Bulletin, 2014, 87, 364-373.	5.0	124
11	Heavy metal partitioning of suspended particulate matter-water and sediment-water in the Yangtze Estuary. Chemosphere, 2017, 185, 717-725.	8.2	90
12	Heavy metal pollution in the surface water of the Yangtze Estuary: A 5-year follow-up study. Chemosphere, 2015, 138, 718-725.	8.2	88
13	Spatial and temporal variations in nitrogen and phosphorous nutrients in the Yangtze River Estuary. Marine Pollution Bulletin, 2012, 64, 2083-2089.	5.0	66
14	Contribution of the upper river, the estuarine region, and the adjacent sea to the heavy metal pollution in the Yangtze Estuary. Chemosphere, 2016, 155, 564-572.	8.2	64
15	Enhanced adsorption of anionic toxic contaminant Congo Red by activated carbon with electropositive amine modification. Chemosphere, 2018, 208, 476-483.	8.2	64
16	Spatial distribution, source apportionment and risk assessment of antibiotics in the surface water and sediments of the Yangtze Estuary. Science of the Total Environment, 2019, 671, 548-557.	8.0	63
17	Characterization and spacial distribution variability of chromophoric dissolved organic matter (CDOM) in the Yangtze Estuary. Chemosphere, 2014, 95, 353-362.	8.2	61
18	Biological toxicity response of Asian Clam (<i>Corbicula fluminea</i>) to pollutants in surface water and sediment. Science of the Total Environment, 2018, 631-632, 56-70.	8.0	57

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19	Effects of composting process on the dissipation of extractable sulfonamides in swine manure. <i>Bioresource Technology</i> , 2015, 175, 284-290.	9.6	55
20	Prevalence of Veterinary Antibiotics and Antibiotic-Resistant <i>Escherichia coli</i> in the Surface Water of a Livestock Production Region in Northern China. <i>PLoS ONE</i> , 2014, 9, e111026.	2.5	44
21	Historical deposition behaviors of PAHs in the Yangtze River Estuary: Role of the sources and water currents. <i>Chemosphere</i> , 2013, 90, 2020-2026.	8.2	41
22	Characteristics of simplified ferron colorimetric solution and its application in hydroxy-aluminum speciation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 287, 203-211.	4.7	40
23	Distribution and speciation of heavy metals in surface sediments from the Yangtze estuary and coastal areas. <i>Environmental Earth Sciences</i> , 2013, 69, 1537-1547.	2.7	40
24	Role of uniform pore structure and high positive charges in the arsenate adsorption performance of Al ₁₃ -modified montmorillonite. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 317-325.	12.4	35
25	Differentiation of hydroxyl-aluminum species at lower OH/Al ratios by combination of ²⁷ Al NMR and Ferron assay improved with kinetic resolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 305, 76-82.	4.7	32
26	Sedimentary records of metal speciation in the Yangtze Estuary: Role of hydrological events. <i>Chemosphere</i> , 2014, 107, 415-422.	8.2	32
27	Revealing Sources and Distribution Changes of Dissolved Organic Matter (DOM) in Pore Water of Sediment from the Yangtze Estuary. <i>PLoS ONE</i> , 2013, 8, e76633.	2.5	32
28	Electrospray Ionization Time-of-Flight Mass Spectrum Analysis Method of Polyaluminum Chloride Flocculants. <i>Environmental Science & Technology</i> , 2015, 49, 474-480.	10.0	28
29	Role of dams in the phase transfer of antibiotics in an urban river receiving wastewater treatment plant effluent. <i>Science of the Total Environment</i> , 2017, 607-608, 1173-1179.	8.0	28
30	Enhanced adsorption selectivity of bisphenol analogues by tuning the functional groups of covalent organic frameworks (COFs). <i>Separation and Purification Technology</i> , 2022, 297, 121489.	7.9	24
31	Size effect of single-walled carbon nanotube on adsorption of perfluorooctanesulfonate. <i>Chemosphere</i> , 2013, 91, 784-790.	8.2	23
32	Microplastic bioaccumulation in estuary-caught fishery resource. <i>Environmental Pollution</i> , 2022, 306, 119392.	7.5	22
33	Transformation of planar MÄ¶gel Al ₁₃ to epsilon Keggin Al ₁₃ in dissolution process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 407, 91-98.	4.7	20
34	Relationship of metal enrichment with adverse biological effect in the Yangtze Estuary sediments: role of metal background values. <i>Environmental Science and Pollution Research</i> , 2014, 21, 464-472.	5.3	19
35	Oxidative stress and histological changes in <i>Corbicula fluminea</i> exposed to nano-Al ₁₃ and monomeric Al coagulants. <i>Environmental Science: Nano</i> , 2019, 6, 2736-2748.	4.3	19
36	A novel understanding of residual nano-Al ₁₃ formation and degradation during coagulation and flocculation: a proof based on ESI-TOF-MS. <i>Environmental Science: Nano</i> , 2018, 5, 2712-2721.	4.3	18

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37	Speciation of prehydrolyzed Al salt coagulants with electrospray ionization time-of-flight mass spectrometry and ^{27}Al NMR spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 392, 95-102.	4.7	17
38	The effects of estrone and 17β -estradiol on microbial activity and bacterial diversity in an agricultural soil: Sulfamethoxazole as a co-pollutant. <i>Ecotoxicology and Environmental Safety</i> , 2014, 107, 313-320.	6.0	17
39	Quantification analysis of polymeric Al species in solutions with electrospray ionization time-of-flight mass spectrometry (ESI-TOF-MS). <i>International Journal of Mass Spectrometry</i> , 2012, 309, 22-29.	1.5	16
40	Transformation of planar MÄgel Al13 coagulant during the dilution and aging process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 416, 73-79.	4.7	14
41	Speciation of hydroxyl-Al polymers formed through simultaneous hydrolysis of aluminum salts and urea. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 303, 241-248.	4.7	13
42	The identification of Al nanoclusters by electrospray ionization mass spectrometry (ESI-MS). <i>Science of the Total Environment</i> , 2021, 754, 142154.	8.0	13
43	Prediction of nitrobenzene toxicity to the algae (<i>Scenedesmus obliquus</i>) by quantitative structure-â€toxicity relationship (QSTR) models with quantum chemical descriptors. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 39-45.	4.0	12
44	A Simple and Rapid Fluorescent Probe for Detection of Cr^{3+} Based on a Coumarin Schiff Base in Aqueous Solution. <i>Analytical Sciences</i> , 2018, 34, 1079-1083.	1.6	10
45	Impact of water source mixture and population changes on the Al residue in megalopolitan drinking water. <i>Water Research</i> , 2020, 186, 116335.	11.3	10
46	Effect of aging condition on species transformation in polymeric Al salt coagulants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 379, 62-69.	4.7	9
47	Effect of water flux and sediment discharge of the Yangtze River on PAHs sedimentation in the estuary. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 10.	2.7	8
48	Multiphase redistribution differences of polycyclic aromatic hydrocarbons (PAHs) between two successive sediment suspensions. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 381-389.	6.0	7
49	Application of quantum chemical descriptors into quantitative structure-property relationship models for prediction of the photolysis half-life of PCBs in water. <i>Frontiers of Environmental Science and Engineering in China</i> , 2011, 5, 505-511.	0.8	6
50	Toxicity effects of ciprofloxacin on biochemical parameters, histological characteristics, and behaviors of <i>Corbicula fluminea</i> in different substrates. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23700-23711.	5.3	5
51	Role of salinity in the multiphase redistribution of polycyclic aromatic hydrocarbons (PAHs) in sediment suspension. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	4
52	Basin-Scale Study on the Multiphase Distribution, Source Apportionment and Risk Assessment of PAHs in the Hai River Water System. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 365-376.	4.1	3
53	Sequence of the main geochemical controls on the Cu and Zn fractions in the Yangtze River estuarine sediments. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 19-27.	6.0	2
54	Synthesis and Characterization of Compounds Based on Carbazole and Sulfone Groups. <i>Journal of Fluorescence</i> , 2022, 32, 267-274.	2.5	1

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55	Regulations and management measures for estrogen in livestock farming system of China and Japan. , 2011,, .		0
56	Establishment of estimation method for manure-borne steroid estrogens. , 2011,, .		0