

Hefa Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

12,410
citations

28274

55
h-index

30922

102
g-index

201
all docs

201
docs citations

201
times ranked

12480
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunity and challenges in large-scale geothermal energy exploitation in China. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3813-3834.	12.8	23
2	Facet-dependent photocatalytic H ₂ O ₂ production of single phase Ag ₃ PO ₄ and Z-scheme Ag/ZnFe ₂ O ₄ -Ag-Ag ₃ PO ₄ composites. <i>Chemical Engineering Journal</i> , 2022, 429, 132373.	12.7	37
3	Source contributions and drivers of physiological and psychophysical cobenefits from major air pollution control actions in North China. <i>Environmental Science & Technology</i> , 2022, 56, 2225-2235.	10.0	4
4	Revisiting the proportion of clean household energy users in rural China by accounting for energy stacking. , 2022, 1, 100010.		14
5	Substantial transition to clean household energy mix in rural China. <i>National Science Review</i> , 2022, 9, .	9.5	51
6	Water Accounting and Productivity Analysis to Improve Water Savings of Nile River Basin, East Africa: From Accountability to Sustainability. <i>Agronomy</i> , 2022, 12, 818.	3.0	9
7	Enhanced immobilization of cadmium and lead adsorbed on crop straw biochars by simulated aging processes. <i>Environmental Pollution</i> , 2022, 302, 119064.	7.5	23
8	Synergy of nitrogen vacancies and intercalation of carbon species for enhancing sunlight photocatalytic hydrogen production of carbon nitride. <i>Applied Catalysis B: Environmental</i> , 2022, 314, 121497.	20.2	37
9	Three-Dimensional Dynamic Monitoring of Indoor PM _{2.5} with 3D I-Lidar. <i>Environmental Science and Technology Letters</i> , 2022, 9, 533-537.	8.7	2
10	Effects of environmental factors on the distribution of microbial communities across soils and lake sediments in the Hoh Xil Nature Reserve of the Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2022, 838, 156148.	8.0	22
11	Characterization of the vertical variation in indoor PM _{2.5} in an urban apartment in China. <i>Environmental Pollution</i> , 2022, 308, 119652.	7.5	6
12	Global brown carbon emissions from combustion sources. <i>Environmental Science and Ecotechnology</i> , 2022, 12, 100201.	13.5	8
13	Microplastic pollution in Bangladesh: Research and management needs. <i>Environmental Pollution</i> , 2022, 308, 119697.	7.5	21
14	Vertically-resolved indoor measurements of air pollution during Chinese cooking. <i>Environmental Science and Ecotechnology</i> , 2022, 12, 100200.	13.5	6
15	Comprehensive assessment of estrogenic activities of parabens by in silico approach and in vitro assays. <i>Science of the Total Environment</i> , 2022, 845, 157194.	8.0	7
16	Autocatalytic effect of in situ formed (hydro)quinone intermediates in Fenton and photo-Fenton degradation of non-phenolic aromatic pollutants and chemical kinetic modeling. <i>Chemical Engineering Journal</i> , 2022, 449, 137812.	12.7	10
17	Effect of aging on stabilization of Cd and Ni by biochars and enzyme activities in a historically contaminated alkaline agricultural soil simulated with wet-dry and freeze-thaw cycling. <i>Environmental Pollution</i> , 2021, 268, 115846.	7.5	36
18	Atmospheric mercury pollution caused by fluorescent lamp manufacturing and the associated human health risk in a large industrial and commercial city. <i>Environmental Pollution</i> , 2021, 269, 116146.	7.5	9

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19	Optically Measured Black and Particulate Brown Carbon Emission Factors from Real-World Residential Combustion Predominantly Affected by Fuel Differences. <i>Environmental Science & Technology</i> , 2021, 55, 169-178.	10.0	34
20	Adsorption and desorption of phenylarsonic acid compounds on metal oxide and hydroxide, and clay minerals. <i>Science of the Total Environment</i> , 2021, 757, 143765.	8.0	35
21	Evaluating co-emissions into indoor and outdoor air of EC, OC, and BC from in-home biomass burning. <i>Atmospheric Research</i> , 2021, 248, 105247.	4.1	30
22	Role of silicon on root morphological characters of wheat (<i>Triticum aestivum</i> L.) plants grown under Cd-contaminated nutrient solution. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	22
23	Spatially Resolved Emission Factors to Reduce Uncertainties in Air Pollutant Emission Estimates from the Residential Sector. <i>Environmental Science & Technology</i> , 2021, 55, 4483-4493.	10.0	15
24	PM2.5 reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions. <i>One Earth</i> , 2021, 4, 448-458.	6.8	31
25	Sorption of four s-triazine herbicides on natural zeolite and clay mineral materials with microporosity. <i>Fundamental Research</i> , 2021, 1, 285-295.	3.3	10
26	Chemical kinetic modeling of organic pollutant degradation in Fenton and solar photo-Fenton processes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 123, 175-175.	5.3	28
27	Coal Is Dirty, but Where It Is Burned Especially Matters. <i>Environmental Science & Technology</i> , 2021, 55, 7316-7326.	10.0	25
28	Temporal and spatial variation of PM2.5 in indoor air monitored by low-cost sensors. <i>Science of the Total Environment</i> , 2021, 770, 145304.	8.0	50
29	Associations between exposure to heavy metals and the risk of chronic kidney disease: a systematic review and meta-analysis. <i>Critical Reviews in Toxicology</i> , 2021, 51, 1-30.	3.9	42
30	Updated Global Black Carbon Emissions from 1960 to 2017: Improvements, Trends, and Drivers. <i>Environmental Science & Technology</i> , 2021, 55, 7869-7879.	10.0	49
31	Efficient Decomposition of Formaldehyde on Ni ²⁺ /Al Hydrotalcite/AlOOH Nanocomposites Decorated with Pt Nanoparticles at Ambient Temperature. <i>ChemNanoMat</i> , 2021, 7, 1030-1041.	2.8	1
32	Source apportionment based on the comparative approach of two receptor models in a large-scale region in China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 56696-56710.	5.3	7
33	Mass Absorption Efficiency of Black Carbon from Residential Solid Fuel Combustion and Its Association with Carbonaceous Fractions. <i>Environmental Science & Technology</i> , 2021, 55, 10662-10671.	10.0	16
34	Oxidation of Roxarsone Coupled with Sorptive Removal of the Inorganic Arsenic Released by Iron ²⁺ -Carbon (Fe ²⁺ -C) Microelectrolysis. <i>ACS ES&T Engineering</i> , 2021, 1, 1298-1310.	7.6	14
35	Parabens as chemicals of emerging concern in the environment and humans: A review. <i>Science of the Total Environment</i> , 2021, 778, 146150.	8.0	116
36	Direct and Inverse Reduced-Form Models for Reciprocal Calculation of BC Emissions and Atmospheric Concentrations. <i>Environmental Science & Technology</i> , 2021, 55, 10300-10309.	10.0	0

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37	Z-scheme g-C ₃ N ₄ -AQ-MoO ₃ photocatalyst with unique electron transfer channel and large reduction area for enhanced sunlight photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2021, 288, 120025.	20.2	86
38	A high-efficiency mediator-free Z-scheme Bi ₂ MoO ₆ /AgI heterojunction with enhanced photocatalytic performance. <i>Science of the Total Environment</i> , 2021, 784, 147227.	8.0	39
39	Field-based evidence of changes in household PM _{2.5} and exposure during the 2020 national quarantine in China. <i>Environmental Research Letters</i> , 2021, 16, 094020.	5.2	10
40	Bioaccessibility and public health risk of heavy Metal(loid)s in the airborne particulate matter of four cities in northern China. <i>Chemosphere</i> , 2021, 277, 130312.	8.2	30
41	Indoor Coal Combustion for Heating Exacerbates CO ₂ Exposure Approaching Harmful Levels. <i>Environmental Science and Technology Letters</i> , 2021, 8, 861-866.	8.7	6
42	Biochars and Engineered Biochars for Water and Soil Remediation: A Review. <i>Sustainability</i> , 2021, 13, 9932.	3.2	32
43	Silicon elevated cadmium tolerance in wheat (<i>Triticum aestivum</i> L.) by endorsing nutrients uptake and antioxidative defense mechanisms in the leaves. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 148-159.	5.8	55
44	Contributions of biomass burning to global and regional SO ₂ emissions. <i>Atmospheric Research</i> , 2021, 260, 105709.	4.1	23
45	Toward Clean Residential Energy: Challenges and Priorities in Research. <i>Environmental Science & Technology</i> , 2021, 55, 13602-13613.	10.0	18
46	Contributions of internal emissions to peaks and incremental indoor PM _{2.5} in rural coal use households. <i>Environmental Pollution</i> , 2021, 288, 117753.	7.5	28
47	Substantial leakage into indoor air from on-site solid fuel combustion in chimney stoves. <i>Environmental Pollution</i> , 2021, 291, 118138.	7.5	15
48	A critical review of pollutant emission factors from fuel combustion in home stoves. <i>Environment International</i> , 2021, 157, 106841.	10.0	88
49	Rural residential energy carrier structure and primary PM _{2.5} emissions from the Qinghai-Tibet Plateau. <i>Chinese Science Bulletin</i> , 2021, 66, 1900-1911.	0.7	8
50	Synergistic Health Benefits of Household Stove Upgrading and Energy Switching in Rural China. <i>Environmental Science & Technology</i> , 2021, 55, 14567-14575.	10.0	17
51	Urban residential energy switching in China between 1980 and 2014 prevents 2.2 million premature deaths. <i>One Earth</i> , 2021, 4, 1602-1613.	6.8	14
52	Submicrometer PM _{1.0} Exposure from Household Burning of Solid Fuels. <i>Environmental Science and Technology Letters</i> , 2020, 7, 1-6.	8.7	22
53	Microwave-induced degradation as a novel treatment for destruction of decabromodiphenyl ether sorbed on porous minerals. <i>Chemical Engineering Journal</i> , 2020, 391, 123550.	12.7	5
54	Structure-Activity Relationships in the Adsorption and Degradation of Substituted Phenylarsonic Acids on Birnessite (γ-MnO ₂). <i>Environmental Science & Technology</i> , 2020, 54, 1475-1483.	10.0	39

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55	A novel model for regional indoor PM _{2.5} quantification with both external and internal contributions included. <i>Environment International</i> , 2020, 145, 106124.	10.0	28
56	Quantifying source contributions for indoor CO ₂ and gas pollutants based on the highly resolved sensor data. <i>Environmental Pollution</i> , 2020, 267, 115493.	7.5	33
57	Composition and diversity of soil microbial communities in the alpine wetland and alpine forest ecosystems on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2020, 747, 141358.	8.0	58
58	Release kinetics as a key linkage between the occurrence of flame retardants in microplastics and their risk to the environment and ecosystem: A critical review. <i>Water Research</i> , 2020, 185, 116253.	11.3	59
59	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. <i>Science Advances</i> , 2020, 6, .	10.3	181
60	Differentiated-Rate Clean Heating Strategy with Superior Environmental and Health Benefits in Northern China. <i>Environmental Science & Technology</i> , 2020, 54, 13458-13466.	10.0	20
61	Light absorption properties and absorption emission factors for indoor biomass burning. <i>Environmental Pollution</i> , 2020, 267, 115652.	7.5	20
62	Design and performance of a novel direct Z-scheme NiGa ₂ O ₄ /CeO ₂ nanocomposite with enhanced sonocatalytic activity. <i>Science of the Total Environment</i> , 2020, 741, 140192.	8.0	22
63	External interference from ambient air pollution on using hair metal(loid)s for biomarker-based exposure assessment. <i>Environment International</i> , 2020, 137, 105584.	10.0	15
64	Public health risk of toxic metal(loid) pollution to the population living near an abandoned small-scale polymetallic mine. <i>Science of the Total Environment</i> , 2020, 718, 137434.	8.0	37
65	Fugitive Emissions of CO and PM _{2.5} from Indoor Biomass Burning in Chimney Stoves Based on a Newly Developed Carbon Balance Approach. <i>Environmental Science and Technology Letters</i> , 2020, 7, 128-134.	8.7	47
66	Facile synthesis of flower-like CoFe ₂ O ₄ particles for efficient sorption of aromatic organoarsenicals from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2020, 568, 63-75.	9.4	21
67	Quantitative source apportionment of heavy metal(loid)s in the agricultural soils of an industrializing region and associated model uncertainty. <i>Journal of Hazardous Materials</i> , 2020, 391, 122244.	12.4	119
68	Energy and air pollution benefits of household fuel policies in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16773-16780.	7.1	152
69	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. <i>Nature Communications</i> , 2019, 10, 3405.	12.8	158
70	A method for rapid determination of arsenic species in vegetables using microwave-assisted extraction followed by detection with HPLC hyphenated to inductively coupled plasma-mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 2957-2967.	2.5	15
71	China's Ban on Phenylarsonic Feed Additives, A Major Step toward Reducing the Human and Ecosystem Health Risk from Arsenic. <i>Environmental Science & Technology</i> , 2019, 53, 12177-12187.	10.0	57
72	Leaching of heavy metals from abandoned mine tailings brought by precipitation and the associated environmental impact. <i>Science of the Total Environment</i> , 2019, 695, 133893.	8.0	140

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73	Indoor PM _{2.5} Profiling with a Novel Side-Scatter Indoor Lidar. <i>Environmental Science and Technology Letters</i> , 2019, 6, 612-616.	8.7	19
74	A simple treatment method for phenylarsenic compounds: Oxidation by ferrate (VI) and simultaneous removal of the arsenate released with in situ formed Fe(III) oxide-hydroxide. <i>Environment International</i> , 2019, 127, 730-741.	10.0	50
75	Municipal solid waste (MSW) incineration fly ash as an important source of heavy metal pollution in China. <i>Environmental Pollution</i> , 2019, 252, 461-475.	7.5	201
76	Determination of methylmercury in rice using microwave-assisted extraction coupled with thermal decomposition amalgamation atomic absorption spectrometry (MAE-TDA-AAS). <i>Analytical Methods</i> , 2019, 11, 1361-1370.	2.7	7
77	Association of maternal chronic arsenic exposure with the risk of neural tube defects in Northern China. <i>Environment International</i> , 2019, 126, 222-227.	10.0	16
78	Releases of brominated flame retardants (BFRs) from microplastics in aqueous medium: Kinetics and molecular-size dependence of diffusion. <i>Water Research</i> , 2019, 151, 215-225.	11.3	120
79	Fluctuation in time-resolved PM _{2.5} from rural households with solid fuel-associated internal emission sources. <i>Environmental Pollution</i> , 2019, 244, 304-313.	7.5	39
80	Stacked Use and Transition Trends of Rural Household Energy in Mainland China. <i>Environmental Science & Technology</i> , 2019, 53, 521-529.	10.0	105
81	Influence of chemical speciation on photochemical transformation of three fluoroquinolones (FQs) in water: Kinetics, mechanism, and toxicity of photolysis products. <i>Water Research</i> , 2019, 148, 19-29.	11.3	89
82	Permanganate oxidation and ferric ion precipitation (KMnO ₄ -Fe(III)) process for treating phenylarsenic compounds. <i>Chemical Engineering Journal</i> , 2019, 357, 600-610.	12.7	43
83	Adhesion of Colloids and Bacteria to Porous Media: A Critical Review. <i>Reviews of Adhesion and Adhesives</i> , 2019, 7, 417-460.	3.4	1
84	Synthesis of polydopamine- ϵ -functionalized magnetic graphene and carbon nanotubes hybrid nanocomposites as an adsorbent for the fast determination of 16 priority polycyclic aromatic hydrocarbons in aqueous samples. <i>Journal of Separation Science</i> , 2018, 41, 1847-1855.	2.5	23
85	Public health risk of trace metals in fresh chicken meat products on the food markets of a major production region in southern China. <i>Environmental Pollution</i> , 2018, 234, 667-676.	7.5	44
86	Elevated antimicrobial residues in animal food products call for institutional changes on veterinary drug management and animal food product surveillance in China. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 165-166.	2.5	14
87	Microwave-induced degradation of N-nitrosodimethylamine (NDMA) sorbed in zeolites: Effect of mineral surface chemistry and non-thermal effect of microwave. <i>Journal of Cleaner Production</i> , 2018, 174, 1224-1233.	9.3	25
88	A mechanistic kinetic model for singlet oxygen mediated self-sensitized photo-oxidation of organic pollutants in water. <i>Chemical Engineering Journal</i> , 2018, 334, 1242-1251.	12.7	26
89	The growing importance of waste-to-energy (WTE) incineration in China's anthropogenic mercury emissions: Emission inventories and reduction strategies. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 97, 119-137.	16.4	47
90	Heavy metal pollution caused by small-scale metal ore mining activities: A case study from a polymetallic mine in South China. <i>Science of the Total Environment</i> , 2018, 639, 217-227.	8.0	208

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91	Quantifying the rural residential energy transition in China from 1992 to 2012 through a representative national survey. <i>Nature Energy</i> , 2018, 3, 567-573.	39.5	280
92	Estimating household air pollution exposures and health impacts from space heating in rural China. <i>Environment International</i> , 2018, 119, 117-124.	10.0	107
93	A novel enhanced diffusion sampler for collecting gaseous pollutants without air agitation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 766-770.	1.7	0
94	Distinguishing Emission-Associated Ambient Air PM _{2.5} Concentrations and Meteorological Factor-Induced Fluctuations. <i>Environmental Science & Technology</i> , 2018, 52, 10416-10425.	10.0	48
95	Synthesis of Fe ₃ O ₄ @m-SiO ₂ /PSA@Zr-MOF Nanocomposites for Bifenthrin Determination in Water Samples. <i>Chromatographia</i> , 2017, 80, 463-471.	1.3	9
96	Public Health Risk of Arsenic Species in Chicken Tissues from Live Poultry Markets of Guangdong Province, China. <i>Environmental Science & Technology</i> , 2017, 51, 3508-3517.	10.0	71
97	Stack and fugitive emissions of major air pollutants from typical brick kilns in China. <i>Environmental Pollution</i> , 2017, 224, 421-429.	7.5	24
98	Collecting Particulate Matter and Particle-Bound Polycyclic Aromatic Hydrocarbons Using a Cylindrical Thermal Precipitator. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, 04017013.	1.4	1
99	Comparison of soil heavy metal pollution caused by e-waste recycling activities and traditional industrial operations. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9387-9398.	5.3	90
100	Displacement efficiency of alternative energy and trans-provincial imported electricity in China. <i>Nature Communications</i> , 2017, 8, 14590.	12.8	41
101	Estimating relative contributions of primary and secondary sources of ambient nitrated and oxygenated polycyclic aromatic hydrocarbons. <i>Atmospheric Environment</i> , 2017, 159, 126-134.	4.1	51
102	Recent Development in Sample Preparation and Analytical Techniques for Determination of Quinolone Residues in Food Products. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 223-250.	3.5	30
103	Source-oriented risk assessment of inhalation exposure to ambient polycyclic aromatic hydrocarbons and contributions of non-priority isomers in urban Nanjing, a megacity located in Yangtze River Delta, China. <i>Environmental Pollution</i> , 2017, 224, 796-809.	7.5	52
104	Wintertime pollution level, size distribution and personal daily exposure to particulate matters in the northern and southern rural Chinese homes and variation in different household fuels. <i>Environmental Pollution</i> , 2017, 231, 497-508.	7.5	46
105	Retired Electric Vehicle (EV) Batteries: Integrated Waste Management and Research Needs. <i>Environmental Science & Technology</i> , 2017, 51, 10927-10929.	10.0	20
106	Environmental and human health challenges of industrial livestock and poultry farming in China and their mitigation. <i>Environment International</i> , 2017, 107, 111-130.	10.0	291
107	Urban air pollution and health risks of parent and nitrated polycyclic aromatic hydrocarbons in two megacities, southwest China. <i>Atmospheric Environment</i> , 2017, 166, 441-453.	4.1	19
108	High efficiency removal of methylene blue using SDS surface-modified ZnFe ₂ O ₄ nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 39-48.	9.4	99

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109	Kinetics of Brominated Flame Retardant (BFR) Releases from Granules of Waste Plastics. <i>Environmental Science & Technology</i> , 2016, 50, 13419-13427.	10.0	50
110	Health risk from veterinary antimicrobial use in China's food animal production and its reduction. <i>Environmental Pollution</i> , 2016, 219, 993-997.	7.5	60
111	Degradation of N-nitrosodimethylamine (NDMA) and its precursor dimethylamine (DMA) in mineral micropores induced by microwave irradiation. <i>Water Research</i> , 2016, 94, 305-314.	11.3	30
112	Mechanism, kinetics, and pathways of self-sensitized sunlight photodegradation of phenylarsonic compounds. <i>Water Research</i> , 2016, 96, 136-147.	11.3	71
113	The Challenges and Solutions for Cadmium-contaminated Rice in China: A Critical Review. <i>Environment International</i> , 2016, 92-93, 515-532.	10.0	518
114	Control of mercury emissions from stationary coal combustion sources in China: Current status and recommendations. <i>Environmental Pollution</i> , 2016, 218, 1209-1221.	7.5	65
115	Transition of household cookfuels in China from 2010 to 2012. <i>Applied Energy</i> , 2016, 184, 800-809.	10.1	57
116	Properties and cellular effects of particulate matter from direct emissions and ambient sources. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 1075-1083.	1.7	25
117	Sorption of chlorophenols on microporous minerals: mechanism and influence of metal cations, solution pH, and humic acid. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19266-19280.	5.3	12
118	Exposure and size distribution of nitrated and oxygenated polycyclic aromatic hydrocarbons among the population using different household fuels. <i>Environmental Pollution</i> , 2016, 216, 935-942.	7.5	40
119	Inhalation exposure and risk of polycyclic aromatic hydrocarbons (PAHs) among the rural population adopting wood gasifier stoves compared to different fuel-stove users. <i>Atmospheric Environment</i> , 2016, 147, 485-491.	4.1	32
120	A method for apportionment of natural and anthropogenic contributions to heavy metal loadings in the surface soils across large-scale regions. <i>Environmental Pollution</i> , 2016, 214, 400-409.	7.5	81
121	Rapid degradation of p-arsanilic acid with simultaneous arsenic removal from aqueous solution using Fenton process. <i>Water Research</i> , 2016, 89, 59-67.	11.3	121
122	Use of veterinary antimicrobials in China and efforts to improve their rational use. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 144-146.	2.2	14
123	Relationship of polycyclic aromatic hydrocarbons with algae-derived organic matter in sediment cores from a subtropical region. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2243-2255.	3.0	19
124	Optimization of microwave-assisted extraction for six inorganic and organic arsenic species in chicken tissues using response surface methodology. <i>Journal of Separation Science</i> , 2015, 38, 3063-3070.	2.5	18
125	Preparation of Magnetic Graphene Nanocomposites for Fast Detection of Nitrobenzene in Environmental Water Samples by GC-MS. <i>Chromatographia</i> , 2015, 78, 131-137.	1.3	5
126	Birnessite (γ -MnO ₂) Mediated Degradation of Organoarsenic Feed Additive p-Arsanilic Acid. <i>Environmental Science & Technology</i> , 2015, 49, 3473-3481.	10.0	117

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127	Performance of a novel microwave-based treatment technology for atrazine removal and destruction: Sorbent reusability and chemical stability, and effect of water matrices. <i>Journal of Hazardous Materials</i> , 2015, 299, 444-452.	12.4	22
128	Occurrence, source analysis and risk assessment of androgens, glucocorticoids and progestagens in the Hailing Bay region, South China Sea. <i>Science of the Total Environment</i> , 2015, 536, 99-107.	8.0	40
129	Principles and application of laser light scattering (LLS) in characterization of the spatial configuration of microbial products in aqueous solution. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 8, 12-19.	10.3	0
130	Disposal Capacity for Spent Fuel in China Is Not Ready Yet for the Nuclear Power Boom. <i>Environmental Science & Technology</i> , 2015, 49, 2596-2597.	10.0	5
131	Photocatalytic degradation of malachite green by pyrite and its synergism with Cr(VI) reduction: Performance and reaction mechanism. <i>Separation and Purification Technology</i> , 2015, 154, 168-175.	7.9	74
132	Facile preparation of hierarchically porous diatomite/MFI-type zeolite composites and their performance of benzene adsorption: The effects of NaOH etching pretreatment. <i>Journal of Hazardous Materials</i> , 2015, 285, 173-181.	12.4	78
133	Arsenic pollution of agricultural soils by concentrated animal feeding operations (CAFOs). <i>Chemosphere</i> , 2015, 119, 273-281.	8.2	94
134	Contamination trends of trace metals and coupling with algal productivity in sediment cores in Pearl River Delta, South China. <i>Chemosphere</i> , 2014, 103, 35-43.	8.2	45
135	Mercury pollution in fish from South China Sea: Levels, species-specific accumulation, and possible sources. <i>Environmental Research</i> , 2014, 131, 160-164.	7.5	57
136	Spatial distributions and sources of heavy metals in sediment from public park in Shanghai, the Yangtze River Delta. <i>Applied Geochemistry</i> , 2014, 44, 54-60.	3.0	41
137	Catalytic effect of transition metals on microwave-induced degradation of atrazine in mineral micropores. <i>Water Research</i> , 2014, 57, 8-19.	11.3	33
138	Facile preparation of raisin-bread sandwich-structured magnetic graphene/mesoporous silica composites with C18-modified pore-walls for efficient enrichment of phthalates in environmental water. <i>Journal of Chromatography A</i> , 2014, 1325, 65-71.	3.7	46
139	Heavy metals in particulate and colloidal matter from atmospheric deposition of urban Guangzhou, South China. <i>Marine Pollution Bulletin</i> , 2014, 85, 720-726.	5.0	36
140	Rapid analysis of essential oils in fruits of <i>Alpinia oxyphylla</i> Miq. by microwave distillation and simultaneous headspace solid-phase microextraction coupled with gas chromatography-mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 9718-9724.	2.7	9
141	Environmental and Health Impacts of Artificial Turf: A Review. <i>Environmental Science & Technology</i> , 2014, 48, 2114-2129.	10.0	93
142	Research Opportunities for Antimicrobial Resistance Control in China's Factory Farming. <i>Environmental Science & Technology</i> , 2014, 48, 5364-5365.	10.0	18
143	Mercury contamination in fish and human hair from Hainan Island, South China Sea: Implication for human exposure. <i>Environmental Research</i> , 2014, 135, 42-47.	7.5	48
144	Assessing heavy metal pollution in the surface soils of a region that had undergone three decades of intense industrialization and urbanization. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6150-6159.	5.3	427

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