

Kai Wang

List of Publications by Year in descending order

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29
papers

836
citations

567144

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501076

28
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31
all docs

31
docs citations

31
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	Brown Carbon Aerosol in Urban Xi'an, Northwest China: The Composition and Light Absorption Properties. <i>Environmental Science & Technology</i> , 2018, 52, 6825-6833.	4.6	149
2	Cyhalofop-butyl has the potential to induce developmental toxicity, oxidative stress and apoptosis in early life stage of zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2015, 203, 40-49.	3.7	98
3	Biological response of earthworm, <i>Eisenia fetida</i> , to five neonicotinoid insecticides. <i>Chemosphere</i> , 2015, 132, 120-126.	4.2	82
4	UHPLC-Orbitrap mass spectrometric characterization of organic aerosol from a central European city (Mainz, Germany) and a Chinese megacity (Beijing). <i>Atmospheric Environment</i> , 2018, 189, 22-29.	1.9	62
5	Radical Formation by Fine Particulate Matter Associated with Highly Oxygenated Molecules. <i>Environmental Science & Technology</i> , 2019, 53, 12506-12518.	4.6	45
6	Organosulfates in atmospheric aerosol: synthesis and quantitative analysis of PM _{2.5} from Xi'an, northwestern China. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3447-3456.	1.2	44
7	Molecular Characterization and Source Identification of Atmospheric Particulate Organosulfates Using Ultrahigh Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2019, 53, 6192-6202.	4.6	34
8	Atmospheric nitrogen deposition: A review of quantification methods and its spatial pattern derived from the global monitoring networks. <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112180.	2.9	31
9	Urban organic aerosol composition in eastern China differs from north to south: molecular insight from a liquid chromatography-mass spectrometry (Orbitrap) study. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9089-9104.	1.9	25
10	Dissipation and Residue of Acetamiprid in Watermelon and Soil in the Open Field. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 644-648.	1.3	24
11	Determination and study on dissipation of 1-naphthylacetic acid in garlic and soil using high performance liquid chromatography-tandem mass spectrometry. <i>Food and Chemical Toxicology</i> , 2011, 49, 2869-2874.	1.8	23
12	Measured and Modeled Residue Dynamics of Famoxadone and Oxathiapiprolin in Tomato Fields. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8489-8495.	2.4	23
13	Field Dissipation and Storage Stability of Glufosinate Ammonium and Its Metabolites in Soil. <i>International Journal of Analytical Chemistry</i> , 2014, 2014, 1-8.	0.4	22
14	Determination and study on dissipation and residue determination of cyhalofop-butyl and its metabolite using HPLC-MS/MS in a rice ecosystem. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 6959-6967.	1.3	21
15	Field dissipation of trifloxystrobin and its metabolite trifloxystrobin acid in soil and apples. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4100.	1.3	17
16	New Particle Formation and Growth from Dimethyl Sulfide Oxidation by Hydroxyl Radicals. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 801-811.	1.2	15
17	Dynamics and risk assessment of pesticides in cucumber through field experiments and model simulation. <i>Science of the Total Environment</i> , 2021, 773, 145615.	3.9	15
18	Pesticide screening and health risk assessment of residential dust in a rural region of the North China Plain. <i>Chemosphere</i> , 2022, 303, 135115.	4.2	15

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19	The maximum carbonyl ratio (MCR) as a new index for the structural classification of secondary organic aerosol components. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9113.	0.7	13
20	Determination and study on dissipation and residue of bismethiazol and its metabolite in Chinese cabbage and soil. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1195-1202.	1.3	11
21	Fluazinam Residue and Dissipation in Potato Tubers and Vines, and in Field Soil. <i>American Journal of Potato Research</i> , 2015, 92, 567-572.	0.5	11
22	Emissions of soot, PAHs, ultrafine particles, NO _x and other health relevant compounds from stressed burning of candles in indoor air. <i>Indoor Air</i> , 2021, 31, 2033-2048.	2.0	11
23	Residues and Dissipation Dynamics of Fosthiazate in Tomato and Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 664-668.	1.3	9
24	Dissipation dynamic and residue distribution of flusilazole in mandarin. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9169-9176.	1.3	9
25	Emissions of ultrafine particles from five types of candles during steady burn conditions. <i>Indoor Air</i> , 2021, 31, 1084-1094.	2.0	8
26	Chemical characteristics and sources of organosulfates, organosulfonates, and carboxylic acids in aerosols in urban Xi'an, Northwest China. <i>Science of the Total Environment</i> , 2022, 810, 151187.	3.9	8
27	Dissipation of trinexapac-ethyl and its metabolite in wheat field ecosystems and microbial degradation in soil. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1375-1387.	1.8	6
28	Effects of Pymetrozine and Tebuconazole with Foliar Fertilizer Through Mixed Application on Plant Growth and Pesticide Residues in Cucumber. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 108, 267-275.	1.3	3
29	A significant diurnal pattern of ammonia dry deposition to a cropland is detected by an open-path quantum cascade laser-based eddy covariance instrument. <i>Atmospheric Environment</i> , 2022, 278, 119070.	1.9	2