

Qingyue Wang

List of Publications by Year in descending order

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103
papers

1,390
citations

304743

22
h-index

414414

32
g-index

105
all docs

105
docs citations

105
times ranked

1780
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of cellular toxicity caused by ambient ultrafine particles and engineered metal oxide nanoparticles. <i>Particle and Fibre Toxicology</i> , 2015, 12, 5.	6.2	76
2	Size distribution of chemical elements and their source apportionment in ambient coarse, fine, and ultrafine particles in Shanghai urban summer atmosphere. <i>Journal of Environmental Sciences</i> , 2012, 24, 882-890.	6.1	63
3	Atmospheric HULIS and its ability to mediate the reactive oxygen species (ROS): A review. <i>Journal of Environmental Sciences</i> , 2018, 71, 13-31.	6.1	59
4	Physico-chemical characterization of PM _{2.5} in the microenvironment of Shanghai subway. <i>Atmospheric Research</i> , 2015, 153, 543-552.	4.1	55
5	Gas/particle partitioning of low-molecular-weight dicarboxylic acids at a suburban site in Saitama, Japan. <i>Atmospheric Environment</i> , 2012, 47, 546-553.	4.1	54
6	Different Pyrolysis Process Conditions of South Asian Waste Coconut Shell and Characterization of Gas, Bio-Char, and Bio-Oil. <i>Energies</i> , 2020, 13, 1970.	3.1	53
7	Release behavior of small sized daughter allergens from <i>Cryptomeria japonica</i> pollen grains during urban rainfall event. <i>Aerobiologia</i> , 2012, 28, 71-81.	1.7	45
8	Ambient air measurements of six bifunctional carbonyls in a suburban area. <i>Atmospheric Research</i> , 2006, 82, 709-718.	4.1	44
9	Characterization of protein expression of <i>Platanus</i> pollen following exposure to gaseous pollutants and vehicle exhaust particles. <i>Aerobiologia</i> , 2014, 30, 281-291.	1.7	41
10	Characterization of Pyrolysis Products and Kinetic Analysis of Waste Jute Stick Biomass. <i>Processes</i> , 2020, 8, 837.	2.8	38
11	Physicochemical characterization and cytotoxicity of ambient coarse, fine, and ultrafine particulate matters in Shanghai atmosphere. <i>Atmospheric Environment</i> , 2011, 45, 736-744.	4.1	34
12	Arbuscular Mycorrhizal Association for Growth and Nutrients Assimilation of <i>Phragmites japonica</i> and <i>Polygonum cuspidatum</i> Plants Growing on River Bank Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 87-100.	1.4	32
13	Arbuscular mycorrhizal influences on growth, nutrient uptake, and use efficiency of <i>Miscanthus sacchariflorus</i> growing on nutrient-deficient river bank soil. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2015, 212, 46-54.	1.2	31
14	Studies on size distribution and health risk of 37 species of polycyclic aromatic hydrocarbons associated with fine particulate matter collected in the atmosphere of a suburban area of Shanghai city, China. <i>Environmental Pollution</i> , 2016, 214, 149-160.	7.5	31
15	Single particle aerosol mass spectrometry of coal combustion particles associated with high lung cancer rates in Xuanwei and Fuyuan, China. <i>Chemosphere</i> , 2017, 186, 278-286.	8.2	30
16	Mineralogical characterization of ambient fine/ultrafine particles emitted from Xuanwei C1 coal combustion. <i>Atmospheric Research</i> , 2016, 169, 17-23.	4.1	27
17	Oxidative Potential Induced by Ambient Particulate Matters with Acellular Assays: A Review. <i>Processes</i> , 2020, 8, 1410.	2.8	27
18	Removal of Ethylene and Secondary Organic Aerosols Using UV-C254 + 185 nm with TiO ₂ Catalyst. <i>Aerosol and Air Quality Research</i> , 2013, 13, 618-626.	2.1	27

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19	Chemical Composition of PM _{2.5} and PM ₁₀ and Associated Polycyclic Aromatic Hydrocarbons at a Roadside and an Urban Background Area in Saitama, Japan. <i>Asian Journal of Atmospheric Environment</i> , 2008, 2, 90-101.	1.1	27
20	Allergenicity of recombinant <i>Humulus japonicus</i> pollen allergen 1 after combined exposure to ozone and nitrogen dioxide. <i>Environmental Pollution</i> , 2018, 234, 707-715.	7.5	26
21	Magnetic, geochemical characterization and health risk assessment of road dust in Xuanwei and Fuyuan, China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1541-1555.	3.4	25
22	A characterization of HULIS-C and the oxidative potential of HULIS and HULIS-Fe(II) mixture in PM _{2.5} during hazy and non-hazy days in Shanghai. <i>Atmospheric Environment</i> , 2019, 219, 117058.	4.1	25
23	Measurement of Indoor Sulfur Dioxide Emission from Coalâ€“Biomass Briquettes. <i>Water, Air, and Soil Pollution</i> , 2005, 163, 341-353.	2.4	22
24	Polyurethane Foams and Bio-Polyols from Liquefied Cotton Stalk Agricultural Waste. <i>Sustainability</i> , 2020, 12, 4214.	3.2	21
25	Response of <i>Miscanthus sacchariflorus</i> to zinc stress mediated by arbuscular mycorrhizal fungi. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 234, 60-68.	1.2	20
26	Analytical techniques, occurrence and health effects of micro and nano plastics deposited in street dust. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6435-6453.	3.3	20
27	Soluble Fe release from iron-bearing clay mineral particles in acid environment and their oxidative potential. <i>Science of the Total Environment</i> , 2020, 726, 138650.	8.0	18
28	Physicochemical properties and ability to generate free radicals of ambient coarse, fine, and ultrafine particles in the atmosphere of Xuanwei, China, an area of high lung cancer incidence. <i>Atmospheric Environment</i> , 2014, 97, 519-528.	4.1	17
29	Experimental Study on Combustion and Pollutant Control of Biobriquette. <i>Energy & Fuels</i> , 2000, 14, 1133-1138.	5.1	16
30	â€œPlasti-remediationâ€“: Advances in the potential use of environmental plastics for pollutant removal. <i>Environmental Technology and Innovation</i> , 2021, 23, 101791.	6.1	16
31	Size distribution of <i>Platanus acerifolia</i> allergen 3 (Pla a3) in Shanghai ambient size-resolved particles and its allergenic effects. <i>Atmospheric Environment</i> , 2019, 198, 324-334.	4.1	15
32	Differences of chemical species and their ratios between fine and ultrafine particles in the roadside environment. <i>Atmospheric Environment</i> , 2012, 62, 172-179.	4.1	14
33	Characterization of allergenicity of <i>Platanus</i> pollen allergen a 3 (Pla a 3) after exposure to NO ₂ and O ₃ . <i>Environmental Pollution</i> , 2021, 278, 116913.	7.5	14
34	Size-segregated Allergenic Particles Released from Airborne <i>Cryptomeria japonica</i> Pollen Grains during the Yellow Sand Events within the Pollen Scattering Seasons. <i>Asian Journal of Atmospheric Environment</i> , 2013, 7, 191-198.	1.1	14
35	Comparison and trend study on acidity and acidic buffering capacity of particulate matter in China. <i>Atmospheric Environment</i> , 2011, 45, 7503-7519.	4.1	13
36	Characterization of the Physical Form of Allergenic Cry j 1 in the Urban Atmosphere and Determination of Cry j 1 Denaturation by Air Pollutants. <i>Asian Journal of Atmospheric Environment</i> , 2012, 6, 33-40.	1.1	12

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37	Arbuscular mycorrhiza confers lead tolerance and uptake in <i>Miscanthus sacchariflorus</i> . <i>Chemistry and Ecology</i> , 2018, 34, 454-469.	1.6	11
38	Characterization, Pollution Sources, and Health Risk of Ionic and Elemental Constituents in PM _{2.5} of Wuhan, Central China. <i>Atmosphere</i> , 2020, 11, 760.	2.3	11
39	Relationships between chemical elements of PM _{2.5} and O ₃ in Shanghai atmosphere based on the 1-year monitoring observation. <i>Journal of Environmental Sciences</i> , 2020, 95, 49-57.	6.1	11
40	Abatement of indoor air pollution achieved with coal-biomass household briquettes. <i>Atmospheric Environment</i> , 2008, 42, 7924-7930.	4.1	10
41	Determination of Heavy Metal Contamination and Pollution Indices of Roadside Dust in Dhaka City, Bangladesh. <i>Processes</i> , 2021, 9, 1732.	2.8	10
42	Investigation of condensation reaction during phenol liquefaction of waste woody materials. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 658-668.	0.7	10
43	Diurnal and Nocturnal Behaviour of Airborne <i>Cryptomeria japonica</i> Pollen Grains and the Allergenic Species in Urban Atmosphere of Saitama, Japan. <i>Asian Journal of Atmospheric Environment</i> , 2013, 7, 65-71.	1.1	10
44	New Analytical Approaches for Effective Quantification and Identification of Nanoplastics in Environmental Samples. <i>Processes</i> , 2021, 9, 2086.	2.8	10
45	Size distribution of allergenic Cry j 2 released from airborne <i>Cryptomeria japonica</i> pollen grains during the pollen scattering seasons. <i>Aerobiologia</i> , 2017, 33, 59-69.	1.7	9
46	Sorption of Per- and Polyfluoroalkyl Substances (PFAS) using Polyethylene (PE) microplastics as adsorbent: Grand Canonical Monte Carlo and Molecular Dynamics (GCMC-MD) studies. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-17.	3.3	9
47	Sources of HULIS-C and its relationships with trace metals, ionic species in PM _{2.5} in suburban Shanghai during haze and non-haze days. <i>Journal of Atmospheric Chemistry</i> , 2020, 77, 63-81.	3.2	8
48	Study on the Characteristics of Size-Segregated Particulate Water-Soluble Inorganic Ions and Potentially Toxic Metals during Wintertime in a High Population Residential Area in Beijing, China. <i>Processes</i> , 2021, 9, 552.	2.8	8
49	Air pollutant deposition effect and morphological change of <i>Cryptomeria japonica</i> pollen during its transport in urban and mountainous areas of Japan. <i>WIT Transactions on Biomedicine and Health</i> , 2009, , .	0.0	8
50	Size characteristics and health risks of inorganic species in PM _{1.1} and PM _{2.0} of Shanghai, China, in spring, 2017. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14690-14701.	5.3	7
51	Characterization of Bamboo after Ionic Liquid-H ₂ O Pretreatment for the Pyrolysis Process. <i>BioResources</i> , 2015, 10, .	1.0	7
52	Industrial Source Contributions and Health Risk Assessment of Fine Particle-Bound Polycyclic Aromatic Hydrocarbons (PAHs) during Spring and Late Summer in the Baoshan Area, Shanghai. <i>Processes</i> , 2021, 9, 2016.	2.8	7
53	Studies on relationships between air pollutants and allergenicity of <i>Humulus Scandens</i> pollen collected from different areas of Shanghai. <i>Journal of Environmental Sciences</i> , 2020, 95, 43-48.	6.1	6
54	Comparison of Water-Soluble Organic Components in Size-Segregated Particles between a Roadside and a Suburban site in Saitama, Japan. <i>Aerosol and Air Quality Research</i> , 2009, 9, 412-420.	2.1	6

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55	Assessment of Bioaccessibility and Health Risks of Toxic Metals in Roadside Dust of Dhaka City, Bangladesh. <i>Atmosphere</i> , 2022, 13, 488.	2.3	6
56	Biocontrol Potentiality of Isolated <i>Trichoderma</i> spp. against <i>Pestalozzia theae</i> Saw. in Tea. <i>Acta Phytopathologica Et Entomologica Hungarica</i> , 2015, 50, 179-186.	0.2	5
57	Dynamics of dissolved organic matter in a wastewater effluent-impacted Japanese urban stream: characteristics, occurrence and photoreactivity of fluorescent components. <i>Water Science and Technology</i> , 2018, 78, 2036-2045.	2.5	5
58	Nutrient uptake and pharmaceutical compounds of <i>Aloe vera</i> as influenced by integration of inorganic fertilizer and poultry manure in soil. <i>Heliyon</i> , 2021, 7, e07464.	3.2	5
59	Characterization of suspended particulate matter emitted from waste rice husk as biomass fuel under different combustion conditions. <i>WIT Transactions on Ecology and the Environment</i> , 2012, , .	0.0	5
60	Study on coal recovery technology from waste fine Chinese coals by a vegetable oil agglomeration process. , 2010, , .		5
61	Behavior of suspended particulate matter emitted from combustion of agricultural residue biomass under different temperatures. <i>WIT Transactions on Ecology and the Environment</i> , 2013, , .	0.0	5
62	Investigation of Variations in Suspended Particulate Matter with Enforcement of Regulations on Diesel Vehicle Exhaust in Suburban Japan. <i>JSME International Journal Series B</i> , 2006, 49, 2-7.	0.3	4
63	Dissolution factors and oxidative potential of acid soluble irons from chlorite mineral particles. <i>Atmospheric Environment</i> , 2021, 255, 118436.	4.1	4
64	Approval Research for Carcinogen Humic-Like Substances (HULIS) Emitted from Residential Coal Combustion in High Lung Cancer Incidence Areas of China. <i>Processes</i> , 2021, 9, 1254.	2.8	4
65	Evaluation of elution behavior and morphological change of the <i>Cryptomeria japonica</i> pollen grain and release of its daughter allergenic particles by air polluted rainfall. , 2010, , .		4
66	REAL-TIME ATMOSPHERIC MONITORING OF URBAN AIR POLLUTION USING UNMANNED AERIAL VEHICLES. , 2019, , .		4
67	Release behaviour of <i>cryptomeria japonica</i> pollen allergenic cry J 1 and cry J 2 in rainwater containing air pollutants. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 42-53.	0.7	4
68	Process analysis of the waste bamboo by using polyethylene glycol solvent liquefaction. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 647-657.	0.7	4
69	Reactivity for pyrolysis and co2 gasification of alkali metal loaded waste wood char. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 680-691.	0.7	4
70	Study on heterogeneous reaction between tar and ash from waste biomass pyrolysis and gasification. <i>WIT Transactions on Ecology and the Environment</i> , 2013, , .	0.0	4
71	Characteristics and Potential Inhalation Exposure Risks of Environmentally Persistent Free Radicals in Atmospheric Particulate Matter and Solid Fuel Combustion Particles in High Lung Cancer Incidence Area, China. <i>Atmosphere</i> , 2021, 12, 1467.	2.3	4
72	Behavior of cellulose liquefaction after pretreatment using ionic liquids with water mixtures. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	3

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73	Role of arbuscular mycorrhizal fungi on the performance of floodplain <i>Phragmites japonica</i> under nutrient stress condition. <i>Chemistry and Ecology</i> , 2015, 31, 402-415.	1.6	3
74	Characteristic Congener Profiles of Polychlorinated Terphenyls (PCTs) in Sediments from Furuayase River, Japan. <i>Journal of Water and Environment Technology</i> , 2016, 14, 218-227.	0.7	3
75	Preparation and Evaluation of Epoxy Resin Prepared from the Liquefied Product of Cotton Stalk. <i>Processes</i> , 2021, 9, 1417.	2.8	3
76	Study on the size-segregated distribution of 37 species of polycyclic aromatic hydrocarbons in urban atmospheric fine particles of Japan. <i>WIT Transactions on Ecology and the Environment</i> , 2014, , .	0.0	3
77	DECAYED WOODY MATERIAL FROM MUSHROOM CULTIVATION: CHARACTERIZATION OF LIQUEFACTION. <i>WIT Transactions on Ecology and the Environment</i> , 2018, , .	0.0	3
78	Influential factors on the oil agglomeration process for coal recovery from different grade coals. , 2012, , .		3
79	Daytime meteorological structures causing elevated photochemical oxidants concentrations in north Kanto, Japan. <i>Atmospheric Environment</i> , 2011, 45, 4421-4428.	4.1	2
80	Study on Electrostatic Preparation High-Ash Coal from China Using Roll-Type Electrostatic Separator and the Combustion Characteristics of the Cleaned Coal. <i>Processes</i> , 2021, 9, 1139.	2.8	2
81	Recovery of combustible matter from waste fine Chinese coals by a waste vegetable oil agglomerating process and its combustion characteristics. <i>WIT Transactions on Ecology and the Environment</i> , 2011, , .	0.0	2
82	Identifying the Source of Dioxin in Sediment from Furuayase River, Japan, Based on Specific Congener Profiles. <i>Journal of Water and Environment Technology</i> , 2014, 12, 431-445.	0.7	1
83	Characterization of Microcrystalline Cellulose after Pretreatment with Low Concentrations of Ionic Liquid-H ₂ O for a Pyrolysis Process. <i>BioResources</i> , 2015, 11, .	1.0	1
84	Contribution of airborne fine particles containing <i>Cryptomeria japonica</i> pollen allergens to airborne organic carbonaceous aerosols during a severe pollination episode. , 2009, , .		1
85	Study on biomass tar reduction by ash and fluidizing medium in a heterogeneous reaction. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 669-679.	0.7	1
86	Oil aggregated behavior for coal recovery and combustion characteristics of their aggregates from different grade coals. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 692-704.	0.7	1
87	Recovery briquetting technologies of waste biomass and pyrolyzed waste char produced from solid industrial and agricultural organic wastes. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 705-716.	0.7	1
88	SURVEY OF INORGANIC COMPONENTS IN ATMOSPHERIC PARTICLES OF THREE URBAN AREAS CAUSED BY WINTER ENERGY CONSUMPTION IN CHINA AND JAPAN. <i>WIT Transactions on Ecology and the Environment</i> , 2018, , .	0.0	1
89	Long-term Sulfur Emissions and Environmental Kuznets Curves: Comparison and Implications. <i>Asian Journal of Atmospheric Environment</i> , 2009, 3, 19-26.	1.1	1
90	Liquefaction processes and characterization of liquefied products from waste woody materials in different acidic catalysts. <i>WIT Transactions on Ecology and the Environment</i> , 2010, , .	0.0	1

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91	Characterization of liquefied products from model woody components in the presence of mineral acid catalysts. , 2011, , .		1
92	Basic study on combustion characteristics of waste rice husk and emission behavior from a new-type air vortex current combustor. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	1
93	Release rate of daughter allergenic species from <i>Cryptomeria japonica</i> pollen grains trapped in air polluted wet deposition. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	1
94	Process analysis of waste bamboo materials using solvent liquefaction. , 2013, , .		1
95	Suppression method of the condensation reaction during phenol liquefaction of woody material. , 2013, , .		1
96	Reduction of fine particles exhausted from small-size combustor using agricultural waste residue by controlling burning temperatures. International Journal of Sustainable Development and Planning, 2014, 9, 717-726.	0.7	1
97	New Approach Study on Dry Coal Cleaning System with Two-Stage Corona Electrostatic Processes for High-Sulfur Low-Grade Fine Coals. Processes, 2021, 9, 1915.	2.8	1
98	Comparison of the characterization of allergenic protein 3 (Pla a3) released from Platanus pollen grains collected in Shanghai during the spring of 2019 and 2020. Aerobiologia, 2021, , 1-11.	1.7	1
99	Effect of phenol concentrations on the condensation reaction during the liquefaction of waste woody materials with phenol. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	0
100	Clarification of the reaction at the solution interface of pyrite during oil agglomeration for developing desulfurization and coal cleaning efficiency. , 2013, , .		0
101	Characterization of polycyclic aromatic hydrocarbons in suspended fine particulate matter emitted from rice husk burning under different combustion temperature conditions. , 2014, , .		0
102	BASIC STUDY ON THE DECAYED BEHAVIOR OF WASTE WOODY SAMPLES CAUSED BY THREE WHITE-ROT FUNGI. , 2017, , .		0
103	SOURCE APPORTIONMENT AND TOXIC EVALUATION OF PARTICLE-BOUND POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN PM _{1.1} OF BAOSHAN INDUSTRIAL AREA, SHANGHAI. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	0