

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	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
2	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
3	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
4	Dissolution factors and oxidative potential of acid soluble irons from chlorite mineral particles. <i>Atmospheric Environment</i> , 2021, 255, 118436.	4.1	4
5	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
6	Characterization of allergenicity of Platanus 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
7	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
8	Nutrient uptake and pharmaceutical compounds of Aloe vera as influenced by integration of inorganic fertilizer and poultry manure in soil. <i>Heliyon</i> , 2021, 7, e07464.	3.2	5
9	“Plasti-remediation” Advances in the potential use of environmental plastics for pollutant removal. <i>Environmental Technology and Innovation</i> , 2021, 23, 101791.	6.1	16
10	Preparation and Evaluation of Epoxy Resin Prepared from the Liquefied Product of Cotton Stalk. <i>Processes</i> , 2021, 9, 1417.	2.8	3
11	Determination of Heavy Metal Contamination and Pollution Indices of Roadside Dust in Dhaka City, Bangladesh. <i>Processes</i> , 2021, 9, 1732.	2.8	10
12	New Approach Study on Dry Coal Cleaning System with Two-Stage Corona Electrostatic Processes for High-Sulfur Low-Grade Fine Coals. <i>Processes</i> , 2021, 9, 1915.	2.8	1
13	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
14	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
15	New Analytical Approaches for Effective Quantification and Identification of Nanoplastics in Environmental Samples. <i>Processes</i> , 2021, 9, 2086.	2.8	10
16	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. <i>Aerobiologia</i> , 2021, , 1-11.	1.7	1
17	SOURCE APPORTIONMENT AND TOXIC EVALUATION OF PARTICLE-BOUND POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN PM _{1.1} OF BAOSHAN INDUSTRIAL AREA, SHANGHAI. <i>WIT Transactions on Ecology and the Environment</i> , 2021, , .	0.0	0
18	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

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19	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
20	Oxidative Potential Induced by Ambient Particulate Matters with Acellular Assays: A Review. <i>Processes</i> , 2020, 8, 1410.	2.8	27
21	Characterization of Pyrolysis Products and Kinetic Analysis of Waste Jute Stick Biomass. <i>Processes</i> , 2020, 8, 837.	2.8	38
22	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
23	Polyurethane Foams and Bio-Polyols from Liquefied Cotton Stalk Agricultural Waste. <i>Sustainability</i> , 2020, 12, 4214.	3.2	21
24	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
25	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
26	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
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	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
29	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
30	REAL-TIME ATMOSPHERIC MONITORING OF URBAN AIR POLLUTION USING UNMANNED AERIAL VEHICLES. , 2019, , .		4
31	Arbuscular mycorrhiza confers lead tolerance and uptake in <i>Miscanthus sacchariflorus</i> . <i>Chemistry and Ecology</i> , 2018, 34, 454-469.	1.6	11
32	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
33	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
34	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
35	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
36	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

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37	DECAYED WOODY MATERIAL FROM MUSHROOM CULTIVATION: CHARACTERIZATION OF LIQUEFACTION. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	3
38	Response of Miscanthus sacchariflorus to zinc stress mediated by arbuscular mycorrhizal fungi. Flora: Morphology, Distribution, Functional Ecology of Plants, 2017, 234, 60-68.	1.2	20
39	Single particle aerosol mass spectrometry of coal combustion particles associated with high lung cancer rates in Xuanwei and Fuyuan, China. Chemosphere, 2017, 186, 278-286.	8.2	30
40	Size distribution of allergenic Cry j 2 released from airborne Cryptomeria japonica pollen grains during the pollen scattering seasons. Aerobiologia, 2017, 33, 59-69.	1.7	9
41	BASIC STUDY ON THE DECAYED BEHAVIOR OF WASTE WOODY SAMPLES CAUSED BY THREE WHITE-ROT FUNGI. , 2017, , .		0
42	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. Environmental Pollution, 2016, 214, 149-160.	7.5	31
43	Characteristic Congener Profiles of Polychlorinated Terphenyls (PCTs) in Sediments from Furuayase River, Japan. Journal of Water and Environment Technology, 2016, 14, 218-227.	0.7	3
44	Arbuscular Mycorrhizal Association for Growth and Nutrients Assimilation of <i>Phragmites japonica</i> and <i>Polygonum cuspidatum</i> Plants Growing on River Bank Soil. Communications in Soil Science and Plant Analysis, 2016, 47, 87-100.	1.4	32
45	Mineralogical characterization of ambient fine/ultrafine particles emitted from Xuanwei C1 coal combustion. Atmospheric Research, 2016, 169, 17-23.	4.1	27
46	Characterization of Microcrystalline Cellulose after Pretreatment with Low Concentrations of Ionic Liquid-H ₂ O for a Pyrolysis Process. BioResources, 2015, 11, .	1.0	1
47	Biocontrol Potentiality of Isolated Trichoderma spp. against Pestalozzia theae Saw. in Tea. Acta Phytopathologica Et Entomologica Hungarica, 2015, 50, 179-186.	0.2	5
48	Arbuscular mycorrhizal influences on growth, nutrient uptake, and use efficiency of Miscanthus sacchariflorus growing on nutrient-deficient river bank soil. Flora: Morphology, Distribution, Functional Ecology of Plants, 2015, 212, 46-54.	1.2	31
49	Role of arbuscular mycorrhizal fungi on the performance of floodplain <i>Phragmites japonica</i> under nutrient stress condition. Chemistry and Ecology, 2015, 31, 402-415.	1.6	3
50	Comparison of cellular toxicity caused by ambient ultrafine particles and engineered metal oxide nanoparticles. Particle and Fibre Toxicology, 2015, 12, 5.	6.2	76
51	Physico-chemical characterization of PM _{2.5} in the microenvironment of Shanghai subway. Atmospheric Research, 2015, 153, 543-552.	4.1	55
52	Characterization of Bamboo after Ionic Liquid-H ₂ O Pretreatment for the Pyrolysis Process. BioResources, 2015, 10, .	1.0	7
53	Characterization of protein expression of Platanus pollen following exposure to gaseous pollutants and vehicle exhaust particles. Aerobiologia, 2014, 30, 281-291.	1.7	41
54	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. Atmospheric Environment, 2014, 97, 519-528.	4.1	17

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55	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
56	Behavior of cellulose liquefaction after pretreatment using ionic liquids with water mixtures. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	3
57	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
58	Release behaviour of cryptomeria japonica 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
59	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
60	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
61	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
62	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
63	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
64	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
65	Reduction of fine particles exhausted from small-size combustor using agricultural waste residue by controlling burning temperatures. <i>International Journal of Sustainable Development and Planning</i> , 2014, 9, 717-726.	0.7	1
66	Characterization of polycyclic aromatic hydrocarbons in suspended fine particulate matter emitted from rice husk burning under different combustion temperature conditions. , 2014, , .		0
67	Removal of Ethylene and Secondary Organic Aerosols Using UV-C254 + 185 nm with TiO2 Catalyst. <i>Aerosol and Air Quality Research</i> , 2013, 13, 618-626.	2.1	27
68	Diurnal and Nocturnal Behaviour of Airborne Cryptomeria japonica 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
69	Size-segregated Allergenic Particles Released from Airborne Cryptomeria japonica 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
70	Process analysis of waste bamboo materials using solvent liquefaction. , 2013, , .		1
71	Suppression method of the condensation reaction during phenol liquefaction of woody material. , 2013, , .		1
72	Clarification of the reaction at the solution interface of pyrite during oil agglomeration for developing desulfurization and coal cleaning efficiency. , 2013, , .		0

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73	Study on heterogeneous reaction between tar and ash from waste biomass pyrolysis and gasification. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	4
74	Behavior of suspended particulate matter emitted from combustion of agricultural residue biomass under different temperatures. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	5
75	Differences of chemical species and their ratios between fine and ultrafine particles in the roadside environment. Atmospheric Environment, 2012, 62, 172-179.	4.1	14
76	Gas/particle partitioning of low-molecular-weight dicarboxylic acids at a suburban site in Saitama, Japan. Atmospheric Environment, 2012, 47, 546-553.	4.1	54
77	Size distribution of chemical elements and their source apportionment in ambient coarse, fine, and ultrafine particles in Shanghai urban summer atmosphere. Journal of Environmental Sciences, 2012, 24, 882-890.	6.1	63
78	Release behavior of small sized daughter allergens from <i>Cryptomeria japonica</i> pollen grains during urban rainfall event. Aerobiologia, 2012, 28, 71-81.	1.7	45
79	Characterization of suspended particulate matter emitted from waste rice husk as biomass fuel under different combustion conditions. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	5
80	Influential factors on the oil agglomeration process for coal recovery from different grade coals. , 2012, , .		3
81	Characterization of the Physical Form of Allergenic Cry j 1 in the Urban Atmosphere and Determination of Cry j 1 Denaturation by Air Pollutants. Asian Journal of Atmospheric Environment, 2012, 6, 33-40.	1.1	12
82	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
83	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
84	Comparison and trend study on acidity and acidic buffering capacity of particulate matter in China. Atmospheric Environment, 2011, 45, 7503-7519.	4.1	13
85	Physicochemical characterization and cytotoxicity of ambient coarse, fine, and ultrafine particulate matters in Shanghai atmosphere. Atmospheric Environment, 2011, 45, 736-744.	4.1	34
86	Daytime meteorological structures causing elevated photochemical oxidants concentrations in north Kanto, Japan. Atmospheric Environment, 2011, 45, 4421-4428.	4.1	2
87	Recovery of combustible matter from waste fine Chinese coals by a waste vegetable oil agglomerating process and its combustion characteristics. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	2
88	Characterization of liquefied products from model woody components in the presence of mineral acid catalysts. , 2011, , .		1
89	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
90	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

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91	Study on coal recovery technology from waste fine Chinese coals by a vegetable oil agglomeration process. , 2010, , .		5
92	Liquefaction processes and characterization of liquefied products from waste woody materials in different acidic catalysts. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	1
93	Contribution of airborne fine particles containing <i>Cryptomeria japonica</i> pollen allergens to airborne organic carbonaceous aerosols during a severe pollination episode. , 2009, , .		1
94	Air pollutant deposition effect and morphological change of <i>Cryptomeria japonica</i> pollen during its transport in urban and mountainous areas of Japan. WIT Transactions on Biomedicine and Health, 2009, , .	0.0	8
95	Comparison of Water-Soluble Organic Components in Size-Segregated Particles between a Roadside and a Suburban site in Saitama, Japan. Aerosol and Air Quality Research, 2009, 9, 412-420.	2.1	6
96	Long-term Sulfur Emissions and Environmental Kuznets Curves: Comparison and Implications. Asian Journal of Atmospheric Environment, 2009, 3, 19-26.	1.1	1
97	Abatement of indoor air pollution achieved with coal-biomass household briquettes. Atmospheric Environment, 2008, 42, 7924-7930.	4.1	10
98	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. Asian Journal of Atmospheric Environment, 2008, 2, 90-101.	1.1	27
99	Ambient air measurements of six bifunctional carbonyls in a suburban area. Atmospheric Research, 2006, 82, 709-718.	4.1	44
100	Investigation of Variations in Suspended Particulate Matter with Enforcement of Regulations on Diesel Vehicle Exhaust in Suburban Japan. JSME International Journal Series B, 2006, 49, 2-7.	0.3	4
101	Measurement of Indoor Sulfur Dioxide Emission from Coal-biomass Briquettes. Water, Air, and Soil Pollution, 2005, 163, 341-353.	2.4	22
102	Experimental Study on Combustion and Pollutant Control of Biobriquette. Energy & Fuels, 2000, 14, 1133-1138.	5.1	16
103	Sorption of Per- and Polyfluoroalkyl Substances (PFAS) using Polyethylene (PE) microplastics as adsorbent: Grand Canonical Monte Carlo and Molecular Dynamics (GCMC-MD) studies. International Journal of Environmental Analytical Chemistry, 0, , 1-17.	3.3	9