

Qingqing Wang

List of Publications by Year in descending order

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82
papers

5,687
citations

76326

40
h-index

79698

73
g-index

92
all docs

92
docs citations

92
times ranked

6456
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into vertical differences of particle number size distributions in winter in Beijing, China. <i>Science of the Total Environment</i> , 2022, 802, 149695.	8.0	4
2	Nitrate and secondary organic aerosol dominated particle light extinction in Beijing due to clean air action. <i>Atmospheric Environment</i> , 2022, 269, 118833.	4.1	12
3	Investigation of sources and formation mechanisms of fine particles and organic aerosols in cold season in Fenhe Plain, China. <i>Atmospheric Research</i> , 2022, 268, 106018.	4.1	8
4	Measurement report: Long-term changes in black carbon and aerosol optical properties from 2012 to 2020 in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 561-575.	4.9	32
5	Submicron-scale aerosol above the city canopy in Beijing in spring based on in-situ meteorological tower measurements. <i>Atmospheric Research</i> , 2022, 271, 106128.	4.1	4
6	Machine learning elucidates the impact of short-term emission changes on air pollution in Beijing. <i>Atmospheric Environment</i> , 2022, 283, 119192.	4.1	4
7	Vertically Resolved Aerosol Chemistry in the Low Boundary Layer of Beijing in Summer. <i>Environmental Science & Technology</i> , 2022, 56, 9312-9324.	10.0	6
8	Light absorption properties and potential sources of brown carbon in Fenwei Plain during winter 2018–2019. <i>Journal of Environmental Sciences</i> , 2021, 102, 53-63.	6.1	20
9	Nanomaterials Facilitating Microbial Extracellular Electron Transfer at Interfaces. <i>Advanced Materials</i> , 2021, 33, e2004051.	21.0	60
10	A 3D study on the amplification of regional haze and particle growth by local emissions. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	23
11	Recent progress in the design of analytical methods based on nanozymes. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8174-8184.	5.8	27
12	Vertical Distributions of Primary and Secondary Aerosols in Urban Boundary Layer: Insights into Sources, Chemistry, and Interaction with Meteorology. <i>Environmental Science & Technology</i> , 2021, 55, 4542-4552.	10.0	16
13	Light absorption of black carbon and brown carbon in winter in North China Plain: comparisons between urban and rural sites. <i>Science of the Total Environment</i> , 2021, 770, 144821.	8.0	33
14	Aerosol characterization in a city in central China plain and implications for emission control. <i>Journal of Environmental Sciences</i> , 2021, 104, 242-252.	6.1	7
15	Vertical profiles of particle light extinction coefficient in the lower troposphere in Shanghai in winter based on tethered airship measurements. <i>Chemosphere</i> , 2020, 238, 124634.	8.2	7
16	Seasonal characterization of aerosol composition and sources in a polluted city in Central China. <i>Chemosphere</i> , 2020, 258, 127310.	8.2	16
17	Contrasting mixing state of black carbon-containing particles in summer and winter in Beijing. <i>Environmental Pollution</i> , 2020, 263, 114455.	7.5	21
18	A chemical cocktail during the COVID-19 outbreak in Beijing, China: Insights from six-year aerosol particle composition measurements during the Chinese New Year holiday. <i>Science of the Total Environment</i> , 2020, 742, 140739.	8.0	138

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19	Dual enzyme-like activity of iridium nanoparticles and their applications for the detection of glucose and glutathione. <i>RSC Advances</i> , 2020, 10, 25209-25213.	3.6	18
20	Fine particle characterization in a coastal city in China: composition, sources, and impacts of industrial emissions. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2877-2890.	4.9	23
21	Point-of-care assay for drunken driving with Pd@Pt core-shell nanoparticles-decorated poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock	10.0	24
22	A Black Carbon Tracer Method for Estimating Cooking Organic Aerosol From Aerosol Mass Spectrometer Measurements. <i>Geophysical Research Letters</i> , 2019, 46, 8474-8483.	4.0	16
23	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10248-10263.	3.3	56
24	Response of aerosol chemistry to clean air action in Beijing, China: Insights from two-year ACSM measurements and model simulations. <i>Environmental Pollution</i> , 2019, 255, 113345.	7.5	74
25	Summertime aerosol volatility measurements in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10205-10216.	4.9	45
26	Characterization of black carbon-containing fine particles in Beijing during wintertime. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 447-458.	4.9	84
27	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 165-179.	4.9	73
28	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. <i>Science of the Total Environment</i> , 2019, 681, 226-234.	8.0	29
29	Light absorption enhancement of black carbon in urban Beijing in summer. <i>Atmospheric Environment</i> , 2019, 213, 499-504.	4.1	49
30	Introduction to the special issue "In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)". <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7519-7546.	4.9	95
31	Biomimetic design for enhancing the peroxidase mimicking activity of hemin. <i>Nanoscale</i> , 2019, 11, 12603-12609.	5.6	53
32	Investigating secondary organic aerosol formation pathways in China during 2014. <i>Atmospheric Environment</i> , 2019, 213, 133-147.	4.1	38
33	Two new mitogenomes of Picidae (Aves, Piciformes): Sequence, structure and phylogenetic analyses. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 683-692.	7.5	13
34	Revealing the Intrinsic Peroxidase-Like Catalytic Mechanism of Heterogeneous Single-Atom Co@MoS ₂ . <i>Nano-Micro Letters</i> , 2019, 11, 102.	27.0	114
35	Changes in Aerosol Chemistry From 2014 to 2016 in Winter in Beijing: Insights From High-Resolution Aerosol Mass Spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 1132-1147.	3.3	155
36	Vertical Characterization and Source Apportionment of Water-Soluble Organic Aerosol with High-resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 273-284.	2.7	28

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37	Nonalcoholic Fatty Liver Is Associated With Further Left Ventricular Abnormalities in Patients With Type 2 Diabetes Mellitus: A 3-Dimensional Speckle-Tracking Study. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 1899-1911.	1.7	10
38	Shape-Control of Pt-Ru Nanocrystals: Tuning Surface Structure for Enhanced Electrocatalytic Methanol Oxidation. <i>Journal of the American Chemical Society</i> , 2018, 140, 1142-1147.	13.7	466
39	Vertically resolved characteristics of air pollution during two severe winter haze episodes in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2495-2509.	4.9	69
40	Characterization and source apportionment of organic aerosol at 260 m on a meteorological tower in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3951-3968.	4.9	27
41	The vertical variability of ammonia in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16385-16398.	4.9	42
42	Vertical Characterization of Aerosol Particle Composition in Beijing, China: Insights From 3-Month Measurements With Two Aerosol Mass Spectrometers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,016.	3.3	16
43	Porous Co ₃ O ₄ nanoplates with pH-switchable peroxidase- and catalase-like activity. <i>Nanoscale</i> , 2018, 10, 19140-19146.	5.6	81
44	Aerosol chemistry and particle growth events at an urban downwind site in North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14637-14651.	4.9	19
45	Production of N ₂ O ₅ and ClNO ₂ in summer in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11581-11597.	4.9	57
46	Nanozyme: An emerging alternative to natural enzyme for biosensing and immunoassay. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 218-224.	11.4	513
47	Prussian blue with intrinsic heme-like structure as peroxidase mimic. <i>Nano Research</i> , 2018, 11, 4905-4913.	10.4	98
48	Comparative transcriptomics in three Passerida species provides insights into the evolution of avian mitochondrial complex I. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 28, 27-36.	1.0	8
49	miRNAome expression profiles in the gonads of adult <i>Melospiza undulatus</i> . <i>PeerJ</i> , 2018, 6, e4615.	2.0	17
50	One-Pot Synthesis of Fe ₃ O ₄ Nanoparticle Loaded 3D Porous Graphene Nanocomposites with Enhanced Nanozyme Activity for Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7465-7471.	8.0	188
51	Molecular identification of StAR and 3HSD1 and characterization in response to GnRH stimulation in protogynous hermaphroditic grouper (<i>Epinephelus coioides</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 206, 26-34.	1.6	19
52	Aerosol optical properties measurements by a CAPS single scattering albedo monitor: Comparisons between summer and winter in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2513-2526.	3.3	30
53	Gonadotropin-Inhibitory Hormone, the Piscine Ortholog of LPXRFa, Participates in 17 β -Estradiol Feedback in Female Goldfish Reproduction. <i>Endocrinology</i> , 2017, 158, 860-873.	2.8	15
54	Molecular mechanism of feedback regulation of 17 β -estradiol on two <i>kiss</i> genes in the protogynous orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Molecular Reproduction and Development</i> , 2017, 84, 495-507.	2.0	15

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55	Effects of Aqueous-Phase and Photochemical Processing on Secondary Organic Aerosol Formation and Evolution in Beijing, China. <i>Environmental Science & Technology</i> , 2017, 51, 762-770.	10.0	179
56	In situ synthesis of ultrathin metal-organic framework nanosheets: a new method for 2D metal-based nanoporous carbon electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18610-18617.	10.3	162
57	Transformation of homobimetallic MOFs into nickel-cobalt phosphide/nitrogen-doped carbon polyhedral nanocages for efficient oxygen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18839-18844.	10.3	99
58	Seasonal Characterization of Organic Nitrogen in Atmospheric Aerosols Using High Resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 673-682.	2.7	42
59	GOx@ZIF-8(NiPd) Nanoflower: An Artificial Enzyme System for Tandem Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 16298-16301.	2.0	64
60	GOx@ZIF-8(NiPd) Nanoflower: An Artificial Enzyme System for Tandem Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16082-16085.	13.8	323
61	Insights into aerosol chemistry during the 2015 China Victory Day parade: results from simultaneous measurements at ground level and 260 μ m in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3215-3232.	4.9	90
62	Simultaneous measurements of particle number size distributions at ground level and 260 μ m on a meteorological tower in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6797-6811.	4.9	52
63	APEC Blue: Secondary Aerosol Reductions from Emission Controls in Beijing. <i>Scientific Reports</i> , 2016, 6, 20668.	3.3	155
64	Response of aerosol composition to different emission scenarios in Beijing, China. <i>Science of the Total Environment</i> , 2016, 571, 902-908.	8.0	35
65	Primary and secondary aerosols in Beijing in winter: sources, variations and processes. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8309-8329.	4.9	288
66	Triple-enzyme mimetic activity of nickel-palladium hollow nanoparticles and their application in colorimetric biosensing of glucose. <i>Chemical Communications</i> , 2016, 52, 5410-5413.	4.1	144
67	Chemical composition of aerosol particles and light extinction apportionment before and during the heating season in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12708-12722.	3.3	91
68	Assessment of left ventricular function by three-dimensional speckle-tracking echocardiography in well-treated type 2 diabetes patients with or without hypertension. <i>Journal of Clinical Ultrasound</i> , 2015, 43, 502-511.	0.8	22
69	Chemical apportionment of aerosol optical properties during the Asia-Pacific Economic Cooperation summit in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12,281.	3.3	34
70	The Mitochondrial Genomes of <i>Aquila fasciata</i> and <i>Buteo lagopus</i> (Aves, Accipitriformes): Sequence, Structure and Phylogenetic Analyses. <i>PLoS ONE</i> , 2015, 10, e0136297.	2.5	21
71	One-pot green synthesis of Ag/AgCl nanocube/reduced graphene oxide and its application to the simultaneous determination of hydroquinone and catechol. <i>RSC Advances</i> , 2015, 5, 44165-44172.	3.6	16
72	<i>Cyclocarya paliurus</i> prevents high fat diet induced hyperlipidemia and obesity in Sprague-Dawley rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 677-686.	1.4	48

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73	Label-free aptamer biosensor for thrombin detection based on functionalized graphene nanocomposites. <i>Talanta</i> , 2015, 141, 247-252.	5.5	65
74	Antihyperlipidemic effect of <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja extract and inhibition of apolipoprotein B48 overproduction in hyperlipidemic mice. <i>Journal of Ethnopharmacology</i> , 2015, 166, 286-296.	4.1	71
75	Molecular identification of GnIH/GnIHR signal and its reproductive function in protogynous hermaphroditic orange-spotted grouper (<i>Epinephelus coioides</i>). <i>General and Comparative Endocrinology</i> , 2015, 216, 9-23.	1.8	64
76	Cholesterol-lowering effects and potential mechanisms of different polar extracts from <i>Cyclocarya paliurus</i> leave in hyperlipidemic mice. <i>Journal of Ethnopharmacology</i> , 2015, 176, 17-26.	4.1	83
77	Real-Time Characterization of Aerosol Particle Composition above the Urban Canopy in Beijing: Insights into the Interactions between the Atmospheric Boundary Layer and Aerosol Chemistry. <i>Environmental Science & Technology</i> , 2015, 49, 11340-11347.	10.0	124
78	Linear Oligocarbazole-Based Organogelators: Synthesis and Fluorescent Probing of Explosives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6155-6162.	2.4	31
79	<i>Cyclocarya paliurus</i> extract modulates adipokine expression and improves insulin sensitivity by inhibition of inflammation in mice. <i>Journal of Ethnopharmacology</i> , 2014, 153, 344-351.	4.1	48
80	Antihyperglycemic, antihyperlipidemic and antioxidant effects of ethanol and aqueous extracts of <i>Cyclocarya paliurus</i> leaves in type 2 diabetic rats. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1119-1127.	4.1	106
81	Sexual Dimorphism of Steroidogenesis Regulated by GnIH in the Goldfish, <i>Carassius auratus</i> 1. <i>Biology of Reproduction</i> , 2013, 88, 89.	2.7	39
82	Notch2 and Notch3 Function Together to Regulate Vascular Smooth Muscle Development. <i>PLoS ONE</i> , 2012, 7, e37365.	2.5	55