Qingqing Wang

List of Publications by Year in descending order

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	Nanozyme: An emerging alternative to natural enzyme for biosensing and immunoassay. TrAC - Trends in Analytical Chemistry, 2018, 105, 218-224.	11.4	513
2	Shape-Control of Ptâ€“Ru Nanocrystals: Tuning Surface Structure for Enhanced Electrocatalytic Methanol Oxidation. Journal of the American Chemical Society, 2018, 140, 1142-1147.	13.7	466
3	GOx@ZIFâ€8(NiPd) Nanoflower: An Artificial Enzyme System for Tandem Catalysis. Angewandte Chemie - International Edition, 2017, 56, 16082-16085.	13.8	323
4	Primary and secondary aerosols in Beijing in winter: sources, variations and processes. Atmospheric Chemistry and Physics, 2016, 16, 8309-8329.	4.9	288
5	One-Pot Synthesis of Fe₃O₄ Nanoparticle Loaded 3D Porous Graphene Nanocomposites with Enhanced Nanozyme Activity for Glucose Detection. ACS Applied Materials & Interfaces, 2017, 9, 7465-7471.	8.0	188
6	Effects of Aqueous-Phase and Photochemical Processing on Secondary Organic Aerosol Formation and Evolution in Beijing, China. Environmental Science & Technology, 2017, 51, 762-770.	10.0	179
7	In situ synthesis of ultrathin metalâ€“organic framework nanosheets: a new method for 2D metal-based nanoporous carbon electrocatalysts. Journal of Materials Chemistry A, 2017, 5, 18610-18617.	10.3	162
8	â€œAPEC Blueâ€• Secondary Aerosol Reductions from Emission Controls in Beijing. Scientific Reports, 2016, 6, 20668.	3.3	155
9	Changes in Aerosol Chemistry From 2014 to 2016 in Winter in Beijing: Insights From Highâ€Resolution Aerosol Mass Spectrometry. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1132-1147.	3.3	155
10	Triple-enzyme mimetic activity of nickelâ€“palladium hollow nanoparticles and their application in colorimetric biosensing of glucose. Chemical Communications, 2016, 52, 5410-5413.	4.1	144
11	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. Science of the Total Environment, 2020, 742, 140739.	8.0	138
12	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. Environmental Science & Technology, 2015, 49, 11340-11347.	10.0	124
13	Revealing the Intrinsic Peroxidase-Like Catalytic Mechanism of Heterogeneous Single-Atom Coâ€“MoS2. Nano-Micro Letters, 2019, 11, 102.	27.0	114
14	Antihyperglycemic, antihyperlipidemic and antioxidant effects of ethanol and aqueous extracts of Cyclocarya paliurus leaves in type 2 diabetic rats. Journal of Ethnopharmacology, 2013, 150, 1119-1127.	4.1	106
15	Transformation of homobimetallic MOFs into nickelâ€“cobalt phosphide/nitrogen-doped carbon polyhedral nanocages for efficient oxygen evolution electrocatalysis. Journal of Materials Chemistry A, 2017, 5, 18839-18844.	10.3	99
16	Prussian blue with intrinsic heme-like structure as peroxidase mimic. Nano Research, 2018, 11, 4905-4913.	10.4	98
17	Introduction to the special issue â€œIn-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)â€• Atmospheric Chemistry and Physics, 2019, 19, 7519-7546.	4.9	95
18	Chemical composition of aerosol particles and light extinction apportionment before and during the heating season in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12708-12722.	3.3	91

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19	Insights into aerosol chemistry during the 2015 China Victory Day parade: results from simultaneous measurements at ground level and 260â€¯m in Beijing. Atmospheric Chemistry and Physics, 2017, 17, 3215-3232.	4.9	90
20	Characterization of black carbon-containing fine particles in Beijing during wintertime. Atmospheric Chemistry and Physics, 2019, 19, 447-458.	4.9	84
21	Cholesterol-lowering effects and potential mechanisms of different polar extracts from Cyclocarya paliurus leave in hyperlipidemic mice. Journal of Ethnopharmacology, 2015, 176, 17-26.	4.1	83
22	Porous Co₃O₄ nanoplates with pH-switchable peroxidase- and catalase-like activity. Nanoscale, 2018, 10, 19140-19146.	5.6	81
23	Response of aerosol chemistry to clean air action in Beijing, China: Insights from two-year ACSM measurements and model simulations. Environmental Pollution, 2019, 255, 113345.	7.5	74
24	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 165-179.	4.9	73
25	Antihyperlipidemic effect of Cyclocarya paliurus (Batal.) Iljinskaja extract and inhibition of apolipoprotein B48 overproduction in hyperlipidemic mice. Journal of Ethnopharmacology, 2015, 166, 286-296.	4.1	71
26	Vertically resolved characteristics of air pollution during two severe winter haze episodes in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 2495-2509.	4.9	69
27	Label-free aptamer biosensor for thrombin detection based on functionalized graphene nanocomposites. Talanta, 2015, 141, 247-252.	5.5	65
28	Molecular identification of GnIH/GnIHR signal and its reproductive function in protogynous hermaphroditic orange-spotted grouper (Epinephelus coioides). General and Comparative Endocrinology, 2015, 216, 9-23.	1.8	64
29	GOx@ZIFâ€8(NiPd) Nanoflower: An Artificial Enzyme System for Tandem Catalysis. Angewandte Chemie, 2017, 129, 16298-16301.	2.0	64
30	Nanomaterials Facilitating Microbial Extracellular Electron Transfer at Interfaces. Advanced Materials, 2021, 33, e2004051.	21.0	60
31	Production of N₂O₅ and ClNO₂ in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597.	4.9	57
32	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10248-10263.	3.3	56
33	Notch2 and Notch3 Function Together to Regulate Vascular Smooth Muscle Development. PLoS ONE, 2012, 7, e37365.	2.5	55
34	Biomimetic design for enhancing the peroxidase mimicking activity of hemin. Nanoscale, 2019, 11, 12603-12609.	5.6	53
35	Simultaneous measurements of particle number size distributions at ground level and 260â€¯m on a meteorological tower in urban Beijing, China. Atmospheric Chemistry and Physics, 2017, 17, 6797-6811.	4.9	52
36	Light absorption enhancement of black carbon in urban Beijing in summer. Atmospheric Environment, 2019, 213, 499-504.	4.1	49

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37	Cyclocarya paliurus extract modulates adipokine expression and improves insulin sensitivity by inhibition of inflammation in mice. Journal of Ethnopharmacology, 2014, 153, 344-351.	4.1	48
38	Cyclocarya paliurusprevents high fat diet induced hyperlipidemia and obesity in Sprague–Dawley rats. Canadian Journal of Physiology and Pharmacology, 2015, 93, 677-686.	1.4	48
39	Summertime aerosol volatility measurements in Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 10205-10216.	4.9	45
40	Seasonal Characterization of Organic Nitrogen in Atmospheric Aerosols Using High Resolution Aerosol Mass Spectrometry in Beijing, China. ACS Earth and Space Chemistry, 2017, 1, 673-682.	2.7	42
41	The vertical variability of ammonia in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 16385-16398.	4.9	42
42	Sexual Dimorphism of Steroidogenesis Regulated by GnIH in the Goldfish, Carassius auratus1. Biology of Reproduction, 2013, 88, 89.	2.7	39
43	Investigating secondary organic aerosol formation pathways in China during 2014. Atmospheric Environment, 2019, 213, 133-147.	4.1	38
44	Response of aerosol composition to different emission scenarios in Beijing, China. Science of the Total Environment, 2016, 571, 902-908.	8.0	35
45	Chemical apportionment of aerosol optical properties during the Asia–Pacific Economic Cooperation summit in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12,281.	3.3	34
46	Light absorption of black carbon and brown carbon in winter in North China Plain: comparisons between urban and rural sites. Science of the Total Environment, 2021, 770, 144821.	8.0	33
47	Measurement report: Long-term changes in black carbon and aerosol optical properties from 2012 to 2020 in Beijing, China. Atmospheric Chemistry and Physics, 2022, 22, 561-575.	4.9	32
48	Linear Oligocarbazole–Based Organogelators: Synthesis and Fluorescent Probing of Explosives. European Journal of Organic Chemistry, 2014, 2014, 6155-6162.	2.4	31
49	Aerosol optical properties measurements by a CAPS single scattering albedo monitor: Comparisons between summer and winter in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 2513-2526.	3.3	30
50	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. Science of the Total Environment, 2019, 681, 226-234.	8.0	29
51	Vertical Characterization and Source Apportionment of Water-Soluble Organic Aerosol with High-resolution Aerosol Mass Spectrometry in Beijing, China. ACS Earth and Space Chemistry, 2019, 3, 273-284.	2.7	28
52	Characterization and source apportionment of organic aerosol at 260–‰m on aÂmeteorological tower in Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 3951-3968.	4.9	27
53	Recent progress in the design of analytical methods based on nanozymes. Journal of Materials Chemistry B, 2021, 9, 8174-8184.	5.8	27
54	Point-of-care assay for drunken driving with Pd@Pt core-shell nanoparticles-decorated ploy(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	10.0	24

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55	Fine particle characterization in a coastal city in China: composition, sources, and impacts of industrial emissions. Atmospheric Chemistry and Physics, 2020, 20, 2877-2890.	4.9	23
56	A 3D study on the amplification of regional haze and particle growth by local emissions. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	23
57	Assessment of left ventricular function by threeâ€dimensional speckleâ€tracking echocardiography in wellâ€treated type 2 diabetes patients with or without hypertension. Journal of Clinical Ultrasound, 2015, 43, 502-511.	0.8	22
58	The Mitochondrial Genomes of Aquila fasciata and Buteo lagopus (Aves, Accipitriformes): Sequence, Structure and Phylogenetic Analyses. PLoS ONE, 2015, 10, e0136297.	2.5	21
59	Contrasting mixing state of black carbon-containing particles in summer and winter in Beijing. Environmental Pollution, 2020, 263, 114455.	7.5	21
60	Light absorption properties and potential sources of brown carbon in Fenwei Plain during winter 2018â€“2019. Journal of Environmental Sciences, 2021, 102, 53-63.	6.1	20
61	Molecular identification of StAR and 3Î²HSD1 and characterization in response to GnIH stimulation in protogynous hermaphroditic grouper (Epinephelus coioides). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 206, 26-34.	1.6	19
62	Aerosol chemistry and particle growth events at an urban downwind site in North China Plain. Atmospheric Chemistry and Physics, 2018, 18, 14637-14651.	4.9	19
63	Dual enzyme-like activity of iridium nanoparticles and their applications for the detection of glucose and glutathione. RSC Advances, 2020, 10, 25209-25213.	3.6	18
64	miRNAome expression profiles in the gonads of adultMelopsittacus undulatus. PeerJ, 2018, 6, e4615.	2.0	17
65	One-pot green synthesis of Ag/AgCl nanocube/reduced graphene oxide and its application to the simultaneous determination of hydroquinone and catechol. RSC Advances, 2015, 5, 44165-44172.	3.6	16
66	Vertical Characterization of Aerosol Particle Composition in Beijing, China: Insights From 3â€Month Measurements With Two Aerosol Mass Spectrometers. Journal of Geophysical Research D: Atmospheres, 2018, 123, 13,016.	3.3	16
67	A Black Carbonâ€Tracer Method for Estimating Cooking Organic Aerosol From Aerosol Mass Spectrometer Measurements. Geophysical Research Letters, 2019, 46, 8474-8483.	4.0	16
68	Seasonal characterization of aerosol composition and sources in a polluted city in Central China. Chemosphere, 2020, 258, 127310.	8.2	16
69	Vertical Distributions of Primary and Secondary Aerosols in Urban Boundary Layer: Insights into Sources, Chemistry, and Interaction with Meteorology. Environmental Science & Technology, 2021, 55, 4542-4552.	10.0	16
70	Gonadotropin-Inhibitory Hormone, the Piscine Ortholog of LPXRFa, Participates in 17Î²-Estradiol Feedback in Female Goldfish Reproduction. Endocrinology, 2017, 158, 860-873.	2.8	15
71	Molecular mechanism of feedback regulation of 17Î²-estradiol on two kiss genes in the protogynous orange-spotted grouper (Epinephelus coioides). Molecular Reproduction and Development, 2017, 84, 495-507.	2.0	15
72	Two new mitogenomes of Picidae (Aves, Piciformes): Sequence, structure and phylogenetic analyses. International Journal of Biological Macromolecules, 2019, 133, 683-692.	7.5	13

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73	Nitrate and secondary organic aerosol dominated particle light extinction in Beijing due to clean air action. Atmospheric Environment, 2022, 269, 118833.	4.1	12
74	Nonalcoholic Fatty Liver Is Associated With Further Left Ventricular Abnormalities in Patients With Type 2 Diabetes Mellitus: A 3â€Dimensional Speckleâ€Tracking Study. Journal of Ultrasound in Medicine, 2018, 37, 1899-1911.	1.7	10
75	Comparative transcriptomics in three Passerida species provides insights into the evolution of avian mitochondrial complex I. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 28, 27-36.	1.0	8
76	Investigation of sources and formation mechanisms of fine particles and organic aerosols in cold season in Fenhe Plain, China. Atmospheric Research, 2022, 268, 106018.	4.1	8
77	Vertical profiles of particle light extinction coefficient in the lower troposphere in Shanghai in winter based on tethered airship measurements. Chemosphere, 2020, 238, 124634.	8.2	7
78	Aerosol characterization in a city in central China plain and implications for emission control. Journal of Environmental Sciences, 2021, 104, 242-252.	6.1	7
79	Vertically Resolved Aerosol Chemistry in the Low Boundary Layer of Beijing in Summer. Environmental Science & Technology, 2022, 56, 9312-9324.	10.0	6
80	Insights into vertical differences of particle number size distributions in winter in Beijing, China. Science of the Total Environment, 2022, 802, 149695.	8.0	4
81	Submicron-scale aerosol above the city canopy in Beijing in spring based on in-situ meteorological tower measurements. Atmospheric Research, 2022, 271, 106128.	4.1	4
82	Machine learning elucidates the impact of short-term emission changes on air pollution in Beijing. Atmospheric Environment, 2022, 283, 119192.	4.1	4