## Wei Qin

## List of Publications by Citations

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3,645 56 119 34 h-index g-index citations papers 6.2 5.46 121 4,771 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
119	Marine ammonia-oxidizing archaeal isolates display obligate mixotrophy and wide ecotypic variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12504-9	11.5	236
118	The cost of Alzheimerly disease in China and re-estimation of costs worldwide. <i>Alzheimerly and Dementia</i> , <b>2018</b> , 14, 483-491	1.2	205
117	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. <i>Nano Energy</i> , <b>2018</b> , 53, 415-424	17.1	129
116	The production of nitric oxide by marine ammonia-oxidizing archaea and inhibition of archaeal ammonia oxidation by a nitric oxide scavenger. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 2261-74	5.2	117
115	Significantly Improved Sodium-Ion Storage Performance of CuS Nanosheets Anchored into Reduced Graphene Oxide with Ether-Based Electrolyte. <i>ACS Applied Materials &amp; Discrete Amp; Interfaces</i> , <b>2017</b> , 9, 2309-2316	9.5	113
114	A Three-Dimensional Origami Paper-Based Device for Potentiometric Biosensing. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13033-13037	16.4	111
113	Ammonia oxidation kinetics and temperature sensitivity of a natural marine community dominated by Archaea. <i>ISME Journal</i> , <b>2013</b> , 7, 2023-33	11.9	103
112	Confounding effects of oxygen and temperature on the TEX86 signature of marine Thaumarchaeota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 10979-84	11.5	98
111	Metal-organic framework derived porous CuO/Cu2O composite hollow octahedrons as high performance anode materials for sodium ion batteries. <i>Chemical Communications</i> , <b>2015</b> , 51, 16413-6	5.8	98
110	ZnS nanoparticles embedded in reduced graphene oxide as high performance anode material of sodium-ion batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 191, 435-443	6.7	97
109	Two distinct pools of B12 analogs reveal community interdependencies in the ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 364-369	11.5	95
108	Flatbands and Emergent Ferromagnetic Ordering in Fe_{3}Sn_{2} Kagome Lattices. <i>Physical Review Letters</i> , <b>2018</b> , 121, 096401	7.4	94
107	Exponentially Enhanced Light-Matter Interaction, Cooperativities, and Steady-State Entanglement Using Parametric Amplification. <i>Physical Review Letters</i> , <b>2018</b> , 120, 093601	7.4	92
106	Nitrosopumilus maritimus gen. nov., sp. nov., Nitrosopumilus cobalaminigenes sp. nov., Nitrosopumilus oxyclinae sp. nov., and Nitrosopumilus ureiphilus sp. nov., four marine ammonia-oxidizing archaea of the phylum Thaumarchaeota. International Journal of Systematic and	2.2	91
105	Evolutionary Microbiology, 2017, 67, 5067-5079  Nitrogen-doped carbon microspheres derived from oatmeal as high capacity and superior long life anode material for sodium ion battery. Electrochimica Acta, 2016, 191, 385-391	6.7	78
104	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. <i>Chemical Science</i> , <b>2018</b> , 9, 2705-2710	9.4	74
103	Influence of oxygen availability on the activities of ammonia-oxidizing archaea. <i>Environmental Microbiology Reports</i> , <b>2017</b> , 9, 250-256	3.7	69

102	Striatum morphometry is associated with cognitive control deficits and symptom severity in internet gaming disorder. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 12-20	4.1	68
101	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregation-Induced Emission for Evaluation of Blood-Brain Barrier Damage. <i>Advanced Materials</i> , <b>2016</b> , 28, 8760-8765	24	66
100	Metal-organic frameworks derived cake-like anatase/rutile mixed phase TiO2 for highly efficient photocatalysis. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 690, 640-646	5.7	60
99	Biodegradation of benzo(a)pyrene by Microbacterium sp. strain under denitrification: Degradation pathway and effects of limiting electron acceptors or carbon source. <i>Biochemical Engineering Journal</i> , <b>2017</b> , 121, 131-138	4.2	52
98	Removal of Cs from water and soil by ammonium-pillared montmorillonite/FeO composite. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 56, 12-24	6.4	48
97	CuS/RGO hybrid photocatalyst for full solar spectrum photoreduction from UV/Vis to near-infrared light. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 517, 80-85	9.3	45
96	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. <i>ACS Applied Materials &amp; District Materials &amp; Capacitive Materials &amp; District Mate</i>	9.5	44
95	One-step microwave-assisted synthesis of Sb2O3/reduced graphene oxide composites as advanced anode materials for sodium-ion batteries. <i>Ceramics International</i> , <b>2016</b> , 42, 15634-15642	5.1	42
94	Spatial distribution and temporal trends of rainfall erosivity in mainland China for 1951 <b>2</b> 010. <i>Catena</i> , <b>2016</b> , 147, 177-186	5.8	40
93	White matter integrity in young smokers: a tract-based spatial statistics study. <i>Addiction Biology</i> , <b>2016</b> , 21, 679-87	4.6	39
92	Long non-coding RNA UCA1 indicates an unfavorable prognosis and promotes tumorigenesis via regulating AKT/GSK-3 ignaling pathway in cholangiocarcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 96203-96214	3.3	38
91	Stress response of a marine ammonia-oxidizing archaeon informs physiological status of environmental populations. <i>ISME Journal</i> , <b>2018</b> , 12, 508-519	11.9	38
90	Anaerobic biodegradation of benzo(a)pyrene by a novel Cellulosimicrobium cellulans CWS2 isolated from polycyclic aromatic hydrocarbon-contaminated soil. <i>Brazilian Journal of Microbiology</i> , <b>2018</b> , 49, 258-268	2.2	38
89	Diagnosis of sub-centimetre breast lesions: combining BI-RADS-US with strain elastography and contrast-enhanced ultrasound-a preliminary study in China. <i>European Radiology</i> , <b>2017</b> , 27, 2443-2450	8	38
88	Disturbed Brain Activity in Resting-State Networks of Patients with First-Episode Schizophrenia with Auditory Verbal Hallucinations: A Cross-sectional Functional MR Imaging Study. <i>Radiology</i> , <b>2017</b> , 283, 810-819	20.5	35
87	Nitrifier adaptation to low energy flux controls inventory of reduced nitrogen in the dark ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 4823-4830	11.5	35
86	Higher blood-brain barrier permeability is associated with higher white matter hyperintensities burden. <i>Journal of Neurology</i> , <b>2017</b> , 264, 1474-1481	5.5	35
85	Expansion of Thaumarchaeota habitat range is correlated with horizontal transfer of ATPase operons. <i>ISME Journal</i> , <b>2019</b> , 13, 3067-3079	11.9	32

84	Controllable single-photon transport between remote coupled-cavity arrays. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	32
83	The N17 domain mitigates nuclear toxicity in a novel zebrafish Huntingtonly disease model. <i>Molecular Neurodegeneration</i> , <b>2015</b> , 10, 67	19	32
82	Associations between plasma ceramides and cognitive and neuropsychiatric manifestations in Parkinsonld disease dementia. <i>Journal of the Neurological Sciences</i> , <b>2016</b> , 370, 82-87	3.2	32
81	Relative impacts of light, temperature, and reactive oxygen on thaumarchaeal ammonia oxidation in the North Pacific Ocean. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, 741-757	4.8	29
80	Heralded quantum controlled-phase gates with dissipative dynamics in macroscopically distant resonators. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	29
79	Hierarchical layered Ni(3)S(2)-graphene hybrid composites for efficient photocatalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 496, 254-260	9.3	27
78	Effect of restricted protein diet supplemented with keto analogues in chronic kidney disease: a systematic review and meta-analysis. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 409-18	2.3	26
77	Methane-Dependent Mineral Reduction by Aerobic Methanotrophs under Hypoxia. <i>Environmental Science and Technology Letters</i> , <b>2020</b> , 7, 606-612	11	24
76	Inhibition control impairments in adolescent smokers: electrophysiological evidence from a Go/NoGo study. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 497-505	4.1	23
75	Diagnosis and treatment of dementia in neurology outpatient departments of general hospitals in China. <i>Alzheimerh</i> and Dementia, <b>2016</b> , 12, 446-53	1.2	22
74	Long non-coding RNA CCAT2 promotes cholangiocarcinoma cells migration and invasion by induction of epithelial-to-mesenchymal transition. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 99, 121-127	7.5	22
73	The significant effects of cerebral microbleeds on cognitive dysfunction: An updated meta-analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185145	3.7	22
72	Emission of photon pairs by mechanical stimulation of the squeezed vacuum. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	22
71	Brain Atrophy Correlates with Severe Enlarged Perivascular Spaces in Basal Ganglia among Lacunar Stroke Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149593	3.7	21
70	Identification of prognostic biomarkers for patients with hepatocellular carcinoma after hepatectomy. <i>Oncology Reports</i> , <b>2019</b> , 41, 1586-1602	3.5	20
69	Ammonia oxidizers in river sediments of the Qinghai-Tibet Plateau and their adaptations to high-elevation conditions. <i>Water Research</i> , <b>2020</b> , 173, 115589	12.5	20
68	Aldehyde dehydrogenase 1 (ALDH1) isoform expression and potential clinical implications in hepatocellular carcinoma. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182208	3.7	20
67	Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. <i>ISME Journal</i> , <b>2020</b> , 14, 2595-2609	11.9	19

66	Scalable synthesis and superior performance of TiO2-reduced graphene oxide composite anode for sodium-ion batteries. <i>Ionics</i> , <b>2016</b> , 22, 555-562	2.7	19	
65	Twenty-four-hour ambulatory blood pressure variability is associated with total magnetic resonance imaging burden of cerebral small-vessel disease. <i>Clinical Interventions in Aging</i> , <b>2018</b> , 13, 14	19 <sup>4</sup> 1427	7 <sup>19</sup>	
64	The effect of calcineurin inhibitors in the induction and maintenance treatment of lupus nephritis: a systematic review and meta-analysis. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 731-43	2.3	17	
63	Questions about NgAgo. <i>Protein and Cell</i> , <b>2016</b> , 7, 913-915	7.2	16	
62	Structural insights into aberrant cortical morphometry and network organization in psychogenic erectile dysfunction. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 4469-82	5.9	16	
61	Novel reduced graphene oxide wrapped Bi2.38Mo0.81O6 microspheres for highly efficient visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 458, 235-40	9.3	15	
60	Comparative proteomic analysis and characterization of benzo(a)pyrene removal by Microbacterium sp. strain M.CSW3 under denitrifying conditions. <i>Bioprocess and Biosystems Engineering</i> , <b>2017</b> , 40, 1825-1838	3.7	14	
59	Survival strategies of ammonia-oxidizing archaea (AOA) in a full-scale WWTP treating mixed landfill leachate containing copper ions and operating at low-intensity of aeration. <i>Water Research</i> , <b>2021</b> , 191, 116798	12.5	14	
58	Disrupted Resting-State Functional Connectivity in Hippocampal Subregions After Sleep Deprivation. <i>Neuroscience</i> , <b>2019</b> , 398, 37-54	3.9	14	
57	A Novel PSEN1 K311R Mutation Discovered in Chinese Families with Late-Onset Alzheimerld Disease Affects Amyloid-Production and Tau Phosphorylation. <i>Journal of Alzheimerl</i> s <i>Disease</i> , <b>2017</b> , 57, 613-623	4.3	13	
56	Plasma Ceramides and Neuropsychiatric Symptoms of Alzheimerla Disease. <i>Journal of Alzheimerla Disease</i> , <b>2016</b> , 52, 1029-35	4.3	13	
55	Nano-Structured Demineralized Human Dentin Matrix to Enhance Bone and Dental Repair and Regeneration. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1013	2.6	12	
54	EGFR and SYNE2 are associated with p21 expression and SYNE2 variants predict post-operative clinical outcomes in HBV-related hepatocellular carcinoma. <i>Scientific Reports</i> , <b>2016</b> , 6, 31237	4.9	12	
53	Infarct Size May Distinguish the Pathogenesis of Lacunar Infarction of the Middle Cerebral Artery Territory. <i>Medical Science Monitor</i> , <b>2016</b> , 22, 211-8	3.2	12	
52	Unconventional cavity optomechanics: Nonlinear control of phonons in the acoustic quantum vacuum. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	12	
51	Neural correlates of dynamic changes in working memory performance during one night of sleep deprivation. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3265-3278	5.9	11	
50	Genetic variants of -rs671 and -rs2031920 contributed to risk of hepatocellular carcinoma susceptibility in a Chinese population. <i>Cancer Management and Research</i> , <b>2018</b> , 10, 1037-1050	3.6	11	
49	miR-191 Inhibition Induces Apoptosis Through Reactivating Secreted Frizzled-Related Protein-1 in Cholangiocarcinoma. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 49, 1933-1942	3.9	11	

48	Brains of rhesus monkeys display Aldeposits and glial pathology while lacking Aldimers and other Alzheimer pathologies. <i>Aging Cell</i> , <b>2019</b> , 18, e12978	9.9	10
47	Polymorphisms of HLA-DQB1 predict survival of hepatitis B virus-related hepatocellular carcinoma patients receiving hepatic resection. <i>Clinics and Research in Hepatology and Gastroenterology</i> , <b>2016</b> , 40, 739-747	2.4	10
46	Proposal to test quantum wave-particle superposition on massive mechanical resonators. <i>Npj Quantum Information</i> , <b>2019</b> , 5,	8.6	10
45	Risk Factors for Multiple Organ Dysfunction Syndrome in Severe Stroke Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167189	3.7	10
44	ATXN7 Gene Variants and Expression Predict Post-Operative Clinical Outcomes in Hepatitis B Virus-Related Hepatocellular Carcinoma. <i>Cellular Physiology and Biochemistry</i> , <b>2016</b> , 39, 2427-2438	3.9	10
43	Accumulation of NO -cobalamin in nutrient-stressed ammonia-oxidizing archaea and in the oxygen deficient zone of the eastern tropical North Pacific. <i>Environmental Microbiology Reports</i> , <b>2018</b> , 10, 453-4	437	9
42	Design and evaluation of a compound acoustic lens for photoacoustic computed tomography. <i>Biomedical Optics Express</i> , <b>2017</b> , 8, 2756-2765	3.5	9
41	The Effect of Traditional Chinese Medicine on Neural Stem Cell Proliferation and Differentiation <b>2017</b> , 8, 792-811		9
40	Investigation of the clinical significance and prospective molecular mechanisms of cystatin genes in patients with hepatitis B virus-related hepatocellular carcinoma. <i>Oncology Reports</i> , <b>2019</b> , 42, 189-201	3.5	8
39	Alcohol Inhibits Odontogenic Differentiation of Human Dental Pulp Cells by Activating mTOR Signaling. <i>Stem Cells International</i> , <b>2017</b> , 2017, 8717454	5	8
38	Clinical features and the degree of cerebrovascular stenosis in different types and subtypes of cerebral watershed infarction. <i>BMC Neurology</i> , <b>2017</b> , 17, 166	3.1	8
37	Quantum Control of Graphene Plasmon Excitation and Propagation at Heaviside Potential Steps. <i>Nano Letters</i> , <b>2018</b> , 18, 1373-1378	11.5	8
36	Comparison between paricalcitol and active non-selective vitamin D receptor activator for secondary hyperparathyroidism in chronic kidney disease: a systematic review and meta-analysis of randomized controlled trials. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 571-84	2.3	8
35	11C-CFT-PET in Presymptomatic FTDP-17: A Potential Biomarker Predicting Onset. <i>Journal of Alzheimerl</i> s Disease, <b>2018</b> , 61, 613-618	4.3	8
34	PLCE1 polymorphisms and expression combined with serum AFP level predicts survival of HBV-related hepatocellular carcinoma patients after hepatectomy. <i>Oncotarget</i> , <b>2017</b> , 8, 29202-29219	3.3	8
33	ALDH1L1 variant rs2276724 and mRNA expression predict post-operative clinical outcomes and are associated with TP53 expression in HBV-related hepatocellular carcinoma. <i>Oncology Reports</i> , <b>2017</b> , 38, 1451-1463	3.5	8
32	Marine Community Metabolomes Carry Fingerprints of Phytoplankton Community Composition. <i>MSystems</i> , <b>2021</b> , 6,	7.6	8
31	Clinical features and risk factors of neurological involvement in Sjgrenus syndrome. <i>BMC Neuroscience</i> , <b>2018</b> , 19, 26	3.2	7

30	Candidatus Nitrosopumilaceae <b>2016</b> , 1-2		7
29	Genome-wide association pathway analysis to identify candidate single nucleotide polymorphisms and molecular pathways associated with TP53 expression status in HBV-related hepatocellular carcinoma. <i>Cancer Management and Research</i> , <b>2018</b> , 10, 953-967	3.6	6
28	Single-compartment models of retinal ganglion cells with different electrophysiologies. <i>Network: Computation in Neural Systems</i> , <b>2017</b> , 28, 74-93	0.7	6
27	Effects of stem cell therapy on protein profile of parkinsonian rats using an(18) O-labeling quantitative proteomic approach. <i>Proteomics</i> , <b>2016</b> , 16, 1023-32	4.8	6
26	A Novel Score Predicts HBV-Related Hepatocellular Carcinoma Recurrence After Hepatectomy: a Retrospective Multicenter Study. <i>Journal of Gastrointestinal Surgery</i> , <b>2019</b> , 23, 922-932	3.3	6
25	Assessment of Homocysteine as a Diagnostic and Early Prognostic Biomarker for Patients with Acute Lacunar Infarction. <i>European Neurology</i> , <b>2018</b> , 79, 54-62	2.1	6
24	Altered brain structure in women with premenstrual syndrome. <i>Journal of Affective Disorders</i> , <b>2018</b> , 229, 239-246	6.6	5
23	Genetic variants in the exon region of versican predict survival of patients with resected early-stage hepatitis B virus-associated hepatocellular carcinoma. <i>Cancer Management and Research</i> , <b>2018</b> , 10, 102	7 <i>3</i> 1636	5
22	Archaeal nitrification without oxygen Science, 2022, 375, 27-28	33.3	5
21	Evaluation of Two Primer Sets for Amplification of Comammox Genes in Wetland Soils. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 560942	5.7	5
20	Candidatus Nitrosopumilales <b>2016</b> , 1-2		5
19	Diagnostic and prognostic value of mRNA expression of phospholipase C Ifamily genes in hepatitis B virus-associated hepatocellular carcinoma. <i>Oncology Reports</i> , <b>2019</b> , 41, 2855-2875	3.5	4
18	Sleep spindle detection based on non-experts: A validation study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177437	3.7	4
17	Candidatus Nitrosopumilus <b>2016</b> , 1-9		4
16	Linkages between anammox and denitrifying bacterial communities and nitrogen loss rates in high-elevation rivers. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 765-778	4.8	4
15	The Clinical Characteristics of Acute Cerebrovascular Accidents Resulting from Ovarian Hyperstimulation Syndrome. <i>European Neurology</i> , <b>2017</b> , 77, 221-230	2.1	3
14	Spatial Relationship between Acute Lacunar Infarction and White Matter Hyperintensities. <i>European Neurology</i> , <b>2015</b> , 74, 259-66	2.1	3
13	Sensitive detection of Porphyromonas gingivalis based on magnetic capture and upconversion fluorescent identification with multifunctional nanospheres. <i>European Journal of Oral Sciences</i> , <b>2016</b> , 124, 334-42	2.3	3

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12	Seasonal Prevalence of Ammonia-Oxidizing Archaea in a Full-Scale Municipal Wastewater Treatment Plant Treating Saline Wastewater Revealed by a 6-Year Time-Series Analysis. <i>Environmental Science &amp; Dy</i> ; Technology, <b>2021</b> , 55, 2662-2673	10.3	3
11	iTRAQ-based proteomic profiling of a Microbacterium sp. strain during benzo(a)pyrene removal under anaerobic conditions. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 8365-8377	5.7	2
10	Clinicopathological study of male and female patients with lupus nephritis: a retrospective study. <i>International Urology and Nephrology</i> , <b>2018</b> , 50, 313-320	2.3	2
9	Marine community metabolomes carry fingerprints of phytoplankton community composition		2
8	A High Frequency High Efficiency GaN Based Bi-Directional 48V/12V Converter with PCB Coupled Inductor for Mild Hybrid Vehicle <b>2018</b> ,		2
7	Candidatus Nitrosocaldaceae <b>2017</b> , 1-2		1
6	Candidatus Nitrosocaldus <b>2017</b> , 1-5		1
5	VBPath for Accurate Metagenomic Profiling of Microbially Driven Cobalamin Synthesis Pathways. <i>MSystems</i> , <b>2021</b> , 6, e0049721	7.6	1
4	Functional Traits Resolve Mechanisms Governing the Assembly and Distribution of Nitrogen-Cycling Microbial Communities in the Global Ocean <i>MBio</i> , <b>2022</b> , e0383221	7.8	1
3	Candidatus Nitrosocaldales <b>2017</b> , 1-2		O
2	Cortical and subcortical changes in patients with premenstrual syndrome. <i>Journal of Affective Disorders</i> , <b>2018</b> , 235, 191-197	6.6	0
1	A Comparative Transcriptome and Proteome Analysis in Rat Models Reveals Effects of Aging and Diabetes on Expression of Neuronal Genes. <i>International Journal of Gerontology</i> , <b>2016</b> , 10, 212-217		