

Wei Qin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7609854/wei-qin-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119
papers

3,645
citations

34
h-index

56
g-index

121
ext. papers

4,771
ext. citations

6.2
avg, IF

5.46
L-index

#	Paper	IF	Citations
119	Archaeal nitrification without oxygen.. <i>Science</i> , 2022 , 375, 27-28	33.3	5
118	Functional Traits Resolve Mechanisms Governing the Assembly and Distribution of Nitrogen-Cycling Microbial Communities in the Global Ocean.. <i>MBio</i> , 2022 , e0383221	7.8	1
117	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> , 2021 , 191, 116798	12.5	14
116	Marine Community Metabolomes Carry Fingerprints of Phytoplankton Community Composition. <i>MSystems</i> , 2021 , 6,	7.6	8
115	VBPath for Accurate Metagenomic Profiling of Microbially Driven Cobalamin Synthesis Pathways. <i>MSystems</i> , 2021 , 6, e0049721	7.6	1
114	Linkages between anammox and denitrifying bacterial communities and nitrogen loss rates in high-elevation rivers. <i>Limnology and Oceanography</i> , 2021 , 66, 765-778	4.8	4
113	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 & Technology</i> , 2021 , 55, 2662-2673	10.3	3
112	Methane-Dependent Mineral Reduction by Aerobic Methanotrophs under Hypoxia. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 606-612	11	24
111	Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. <i>ISME Journal</i> , 2020 , 14, 2595-2609	11.9	19
110	Ammonia oxidizers in river sediments of the Qinghai-Tibet Plateau and their adaptations to high-elevation conditions. <i>Water Research</i> , 2020 , 173, 115589	12.5	20
109	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> , 2020 , 117, 4823-4830	11.5	35
108	Evaluation of Two Primer Sets for Amplification of Comammox Genes in Wetland Soils. <i>Frontiers in Microbiology</i> , 2020 , 11, 560942	5.7	5
107	Expansion of Thaumarchaeota habitat range is correlated with horizontal transfer of ATPase operons. <i>ISME Journal</i> , 2019 , 13, 3067-3079	11.9	32
106	Diagnostic and prognostic value of mRNA expression of phospholipase C ɳfamily genes in hepatitis B virus-associated hepatocellular carcinoma. <i>Oncology Reports</i> , 2019 , 41, 2855-2875	3.5	4
105	Identification of prognostic biomarkers for patients with hepatocellular carcinoma after hepatectomy. <i>Oncology Reports</i> , 2019 , 41, 1586-1602	3.5	20
104	Brains of rhesus monkeys display Aβdeposits and glial pathology while lacking Aβdimers and other Alzheimerβ pathologies. <i>Aging Cell</i> , 2019 , 18, e12978	9.9	10
103	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> , 2019 , 42, 189-201	3.5	8

102	Nano-Structured Demineralized Human Dentin Matrix to Enhance Bone and Dental Repair and Regeneration. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1013	2.6	12
101	Neural correlates of dynamic changes in working memory performance during one night of sleep deprivation. <i>Human Brain Mapping</i> , 2019 , 40, 3265-3278	5.9	11
100	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15581-15590	9.5	44
99	Proposal to test quantum wave-particle superposition on massive mechanical resonators. <i>Npj Quantum Information</i> , 2019 , 5,	8.6	10
98	Emission of photon pairs by mechanical stimulation of the squeezed vacuum. <i>Physical Review A</i> , 2019 , 100,	2.6	22
97	Unconventional cavity optomechanics: Nonlinear control of phonons in the acoustic quantum vacuum. <i>Physical Review A</i> , 2019 , 100,	2.6	12
96	A Novel Score Predicts HBV-Related Hepatocellular Carcinoma Recurrence After Hepatectomy: a Retrospective Multicenter Study. <i>Journal of Gastrointestinal Surgery</i> , 2019 , 23, 922-932	3.3	6
95	Disrupted Resting-State Functional Connectivity in Hippocampal Subregions After Sleep Deprivation. <i>Neuroscience</i> , 2019 , 398, 37-54	3.9	14
94	Exponentially Enhanced Light-Matter Interaction, Cooperativities, and Steady-State Entanglement Using Parametric Amplification. <i>Physical Review Letters</i> , 2018 , 120, 093601	7.4	92
93	Cortical and subcortical changes in patients with premenstrual syndrome. <i>Journal of Affective Disorders</i> , 2018 , 235, 191-197	6.6	0
92	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. <i>Chemical Science</i> , 2018 , 9, 2705-2710	9.4	74
91	Quantum Control of Graphene Plasmon Excitation and Propagation at Heaviside Potential Steps. <i>Nano Letters</i> , 2018 , 18, 1373-1378	11.5	8
90	The cost of Alzheimer's disease in China and re-estimation of costs worldwide. <i>Alzheimer's and Dementia</i> , 2018 , 14, 483-491	1.2	205
89	Altered brain structure in women with premenstrual syndrome. <i>Journal of Affective Disorders</i> , 2018 , 229, 239-246	6.6	5
88	Long non-coding RNA CCAT2 promotes cholangiocarcinoma cells migration and invasion by induction of epithelial-to-mesenchymal transition. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 99, 121-127	7.5	22
87	Clinicopathological study of male and female patients with lupus nephritis: a retrospective study. <i>International Urology and Nephrology</i> , 2018 , 50, 313-320	2.3	2
86	Stress response of a marine ammonia-oxidizing archaeon informs physiological status of environmental populations. <i>ISME Journal</i> , 2018 , 12, 508-519	11.9	38
85	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> , 2018 , 49, 258-268	2.2	38

84	Relative impacts of light, temperature, and reactive oxygen on thaumarchaeal ammonia oxidation in the North Pacific Ocean. <i>Limnology and Oceanography</i> , 2018 , 63, 741-757	4.8	29
83	CuS/RGO hybrid photocatalyst for full solar spectrum photoreduction from UV/Vis to near-infrared light. <i>Journal of Colloid and Interface Science</i> , 2018 , 517, 80-85	9.3	45
82	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> , 2018 , 10, 1027-1036	3.6	5
81	Genetic variants of -rs671 and -rs2031920 contributed to risk of hepatocellular carcinoma susceptibility in a Chinese population. <i>Cancer Management and Research</i> , 2018 , 10, 1037-1050	3.6	11
80	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> , 2018 , 10, 453-457	3.7	9
79	Clinical features and risk factors of neurological involvement in Sjögren's syndrome. <i>BMC Neuroscience</i> , 2018 , 19, 26	3.2	7
78	Flatbands and Emergent Ferromagnetic Ordering in Fe ₃ Sn ₂ Kagome Lattices. <i>Physical Review Letters</i> , 2018 , 121, 096401	7.4	94
77	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> , 2018 , 10, 953-967	3.6	6
76	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> , 2018 , 13, 1419-1427	4.127	19
75	¹¹ C-CFT-PET in Presymptomatic FTDP-17: A Potential Biomarker Predicting Onset. <i>Journal of Alzheimer's Disease</i> , 2018 , 61, 613-618	4.3	8
74	Assessment of Homocysteine as a Diagnostic and Early Prognostic Biomarker for Patients with Acute Lacunar Infarction. <i>European Neurology</i> , 2018 , 79, 54-62	2.1	6
73	A High Frequency High Efficiency GaN Based Bi-Directional 48V/12V Converter with PCB Coupled Inductor for Mild Hybrid Vehicle 2018 ,		2
72	miR-191 Inhibition Induces Apoptosis Through Reactivating Secreted Frizzled-Related Protein-1 in Cholangiocarcinoma. <i>Cellular Physiology and Biochemistry</i> , 2018 , 49, 1933-1942	3.9	11
71	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. <i>Nano Energy</i> , 2018 , 53, 415-424	17.1	129
70	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> , 2017 , 283, 810-819	20.5	35
69	Influence of oxygen availability on the activities of ammonia-oxidizing archaea. <i>Environmental Microbiology Reports</i> , 2017 , 9, 250-256	3.7	69
68	Hierarchical layered Ni ₃ S ₂ -graphene hybrid composites for efficient photocatalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 254-260	9.3	27
67	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> , 2017 , 121, 131-138	4.2	52

66	Candidatus Nitrosocaldaceae 2017 , 1-2		1
65	Candidatus Nitrosocaldus 2017 , 1-5		1
64	A Novel PSEN1 K311R Mutation Discovered in Chinese Families with Late-Onset Alzheimer's Disease Affects Amyloid- β Production and Tau Phosphorylation. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 613-623	4.3	13
63	The Clinical Characteristics of Acute Cerebrovascular Accidents Resulting from Ovarian Hyperstimulation Syndrome. <i>European Neurology</i> , 2017 , 77, 221-230	2.1	3
62	Candidatus Nitrosocaldales 2017 , 1-2		0
61	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> , 2017 , 114, 364-369	11.5	95
60	Significantly Improved Sodium-Ion Storage Performance of CuS Nanosheets Anchored into Reduced Graphene Oxide with Ether-Based Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2309-2316	9.5	113
59	iTRAQ-based proteomic profiling of a Microbacterium sp. strain during benzo(a)pyrene removal under anaerobic conditions. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 8365-8377	5.7	2
58	Alcohol Inhibits Odontogenic Differentiation of Human Dental Pulp Cells by Activating mTOR Signaling. <i>Stem Cells International</i> , 2017 , 2017, 8717454	5	8
57	Sleep spindle detection based on non-experts: A validation study. <i>PLoS ONE</i> , 2017 , 12, e0177437	3.7	4
56	Aldehyde dehydrogenase 1 (ALDH1) isoform expression and potential clinical implications in hepatocellular carcinoma. <i>PLoS ONE</i> , 2017 , 12, e0182208	3.7	20
55	Clinical features and the degree of cerebrovascular stenosis in different types and subtypes of cerebral watershed infarction. <i>BMC Neurology</i> , 2017 , 17, 166	3.1	8
54	Long non-coding RNA UCA1 indicates an unfavorable prognosis and promotes tumorigenesis via regulating AKT/GSK-3 β signaling pathway in cholangiocarcinoma. <i>Oncotarget</i> , 2017 , 8, 96203-96214	3.3	38
53	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> , 2017 , 40, 1825-1838	3.7	14
52	Heralded quantum controlled-phase gates with dissipative dynamics in macroscopically distant resonators. <i>Physical Review A</i> , 2017 , 96,	2.6	29
51	Higher blood-brain barrier permeability is associated with higher white matter hyperintensities burden. <i>Journal of Neurology</i> , 2017 , 264, 1474-1481	5.5	35
50	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> , 2017 , 27, 2443-2450	8	38
49	Removal of Cs from water and soil by ammonium-pillared montmorillonite/FeO composite. <i>Journal of Environmental Sciences</i> , 2017 , 56, 12-24	6.4	48

48	Metal-organic frameworks derived cake-like anatase/rutile mixed phase TiO ₂ for highly efficient photocatalysis. <i>Journal of Alloys and Compounds</i> , 2017 , 690, 640-646	5.7	60
47	Single-compartment models of retinal ganglion cells with different electrophysiologies. <i>Network: Computation in Neural Systems</i> , 2017 , 28, 74-93	0.7	6
46	Design and evaluation of a compound acoustic lens for photoacoustic computed tomography. <i>Biomedical Optics Express</i> , 2017 , 8, 2756-2765	3.5	9
45	The Effect of Traditional Chinese Medicine on Neural Stem Cell Proliferation and Differentiation 2017 , 8, 792-811		9
44	The significant effects of cerebral microbleeds on cognitive dysfunction: An updated meta-analysis. <i>PLoS ONE</i> , 2017 , 12, e0185145	3.7	22
43	PLCE1 polymorphisms and expression combined with serum AFP level predicts survival of HBV-related hepatocellular carcinoma patients after hepatectomy. <i>Oncotarget</i> , 2017 , 8, 29202-29219	3.3	8
42	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> , 2017 , 38, 1451-1463	3.5	8
41	Nitrosopumilus maritimus gen. nov., sp. nov., Nitrosopumilus cobalaminigenes sp. nov., Nitrosopumilus oxyclineae sp. nov., and Nitrosopumilus ureiphilus sp. nov., four marine ammonia-oxidizing archaea of the phylum Thaumarchaeota. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 5067-5079	2.2	91
40	Diagnosis and treatment of dementia in neurology outpatient departments of general hospitals in China. <i>Alzheimer's and Dementia</i> , 2016 , 12, 446-53	1.2	22
39	Inhibition control impairments in adolescent smokers: electrophysiological evidence from a Go/NoGo study. <i>Brain Imaging and Behavior</i> , 2016 , 10, 497-505	4.1	23
38	Striatum morphometry is associated with cognitive control deficits and symptom severity in internet gaming disorder. <i>Brain Imaging and Behavior</i> , 2016 , 10, 12-20	4.1	68
37	A Three-Dimensional Origami Paper-Based Device for Potentiometric Biosensing. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13033-13037	16.4	111
36	Controllable single-photon transport between remote coupled-cavity arrays. <i>Physical Review A</i> , 2016 , 93,	2.6	32
35	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> , 2016 , 6, 31237	4.9	12
34	Questions about NgAgo. <i>Protein and Cell</i> , 2016 , 7, 913-915	7.2	16
33	Plasma Ceramides and Neuropsychiatric Symptoms of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 1029-35	4.3	13
32	Scalable synthesis and superior performance of TiO ₂ -reduced graphene oxide composite anode for sodium-ion batteries. <i>Ionics</i> , 2016 , 22, 555-562	2.7	19
31	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> , 2016 , 40, 739-747	2.4	10

30	ZnS nanoparticles embedded in reduced graphene oxide as high performance anode material of sodium-ion batteries. <i>Electrochimica Acta</i> , 2016 , 191, 435-443	6.7	97
29	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> , 2016 , 48, 731-43	2.3	17
28	Nitrogen-doped carbon microspheres derived from oatmeal as high capacity and superior long life anode material for sodium ion battery. <i>Electrochimica Acta</i> , 2016 , 191, 385-391	6.7	78
27	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> , 2016 , 48, 409-18	2.3	26
26	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> , 2016 , 48, 571-84	2.3	8
25	Risk Factors for Multiple Organ Dysfunction Syndrome in Severe Stroke Patients. <i>PLoS ONE</i> , 2016 , 11, e0167189	3.7	10
24	Brain Atrophy Correlates with Severe Enlarged Perivascular Spaces in Basal Ganglia among Lacunar Stroke Patients. <i>PLoS ONE</i> , 2016 , 11, e0149593	3.7	21
23	Infarct Size May Distinguish the Pathogenesis of Lacunar Infarction of the Middle Cerebral Artery Territory. <i>Medical Science Monitor</i> , 2016 , 22, 211-8	3.2	12
22	Sensitive detection of Porphyromonas gingivalis based on magnetic capture and upconversion fluorescent identification with multifunctional nanospheres. <i>European Journal of Oral Sciences</i> , 2016 , 124, 334-42	2.3	3
21	Effects of stem cell therapy on protein profile of parkinsonian rats using an(18) O-labeling quantitative proteomic approach. <i>Proteomics</i> , 2016 , 16, 1023-32	4.8	6
20	One-step microwave-assisted synthesis of Sb2O3/reduced graphene oxide composites as advanced anode materials for sodium-ion batteries. <i>Ceramics International</i> , 2016 , 42, 15634-15642	5.1	42
19	Candidatus Nitrosopumilaceae 2016 , 1-2		7
18	Candidatus Nitrosopumilus 2016 , 1-9		4
17	Candidatus Nitrosopumilales 2016 , 1-2		5
16	ATXN7 Gene Variants and Expression Predict Post-Operative Clinical Outcomes in Hepatitis B Virus-Related Hepatocellular Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 2427-2438	3.9	10
15	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> , 2016 , 10, 212-217		
14	Associations between plasma ceramides and cognitive and neuropsychiatric manifestations in Parkinson's disease dementia. <i>Journal of the Neurological Sciences</i> , 2016 , 370, 82-87	3.2	32
13	Spatial distribution and temporal trends of rainfall erosivity in mainland China for 1951-2010. <i>Catena</i> , 2016 , 147, 177-186	5.8	40

12	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregation-Induced Emission for Evaluation of Blood-Brain Barrier Damage. <i>Advanced Materials</i> , 2016 , 28, 8760-8765	24	66
11	White matter integrity in young smokers: a tract-based spatial statistics study. <i>Addiction Biology</i> , 2016 , 21, 679-87	4.6	39
10	Novel reduced graphene oxide wrapped Bi _{2.38} Mo _{0.81} O ₆ microspheres for highly efficient visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2015 , 458, 235-40	9.3	15
9	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> , 2015 , 112, 10979-84	11.5	98
8	Metal-organic framework derived porous CuO/Cu ₂ O composite hollow octahedrons as high performance anode materials for sodium ion batteries. <i>Chemical Communications</i> , 2015 , 51, 16413-6	5.8	98
7	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> , 2015 , 17, 2261-74	5.2	117
6	Spatial Relationship between Acute Lacunar Infarction and White Matter Hyperintensities. <i>European Neurology</i> , 2015 , 74, 259-66	2.1	3
5	The N17 domain mitigates nuclear toxicity in a novel zebrafish Huntington's disease model. <i>Molecular Neurodegeneration</i> , 2015 , 10, 67	19	32
4	Structural insights into aberrant cortical morphometry and network organization in psychogenic erectile dysfunction. <i>Human Brain Mapping</i> , 2015 , 36, 4469-82	5.9	16
3	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> , 2014 , 111, 12504-9	11.5	236
2	Ammonia oxidation kinetics and temperature sensitivity of a natural marine community dominated by Archaea. <i>ISME Journal</i> , 2013 , 7, 2023-33	11.9	103
1	Marine community metabolomes carry fingerprints of phytoplankton community composition		2