

# Qian Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1127703/publications.pdf>

Version: 2024-02-01

28  
papers

1,246  
citations

567281

15  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1773  
citing authors

#	ARTICLE	IF	CITATIONS
1	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. <i>Fungal Diversity</i> , 2020, 105, 1-16.	12.3	387
2	Broad host range of SARS-CoV-2 and the molecular basis for SARS-CoV-2 binding to cat ACE2. <i>Cell Discovery</i> , 2020, 6, 68.	6.7	132
3	Molecular insights into receptor binding of recent emerging SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 6103.	12.8	117
4	Binding and molecular basis of the bat coronavirus RaTG13 virus to ACE2 in humans and other species. <i>Cell</i> , 2021, 184, 3438-3451.e10.	28.9	100
5	Cross-species recognition of SARS-CoV-2 to bat ACE2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	73
6	Culturable mycobiota from Karst caves in China II, with descriptions of 33 new species. <i>Fungal Diversity</i> , 2021, 106, 29-136.	12.3	53
7	Molecular basis of cross-species ACE2 interactions with SARS-CoV-2-like viruses of pangolin origin. <i>EMBO Journal</i> , 2021, 40, e107786.	7.8	46
8	Magnetite enhances anaerobic digestion of high salinity organic wastewater. <i>Environmental Research</i> , 2020, 189, 109884.	7.5	40
9	High efficiency in-situ biogas upgrading in a bioelectrochemical system with low energy input. <i>Water Research</i> , 2021, 197, 117055.	11.3	40
10	Influence of delignification efficiency with alkaline peroxide on the digestibility of furfural residues for bioethanol production. <i>Bioresource Technology</i> , 2013, 146, 208-214.	9.6	36
11	Decalin-Containing Tetramic Acids and 4-Hydroxy-2-pyridones with Antimicrobial and Cytotoxic Activity from the Fungus <i>Coniochaeta cephalothecoides</i> Collected in Tibetan Plateau (Medog). <i>Journal of Organic Chemistry</i> , 2017, 82, 11474-11486.	3.2	35
12	Correlation between hemicelluloses-removal-induced hydrophilicity variation and the bioconversion efficiency of lignocelluloses. <i>Bioresource Technology</i> , 2013, 147, 539-544.	9.6	23
13	Applying potentials to conductive materials impairs High-loading anaerobic digestion performance by affecting direct interspecies electron transfer. <i>Bioresource Technology</i> , 2020, 297, 122422.	9.6	21
14	Six new soil-inhabiting <i>Cladosporium</i> species from plateaus in China. <i>Mycologia</i> , 2017, 109, 244-260.	1.9	19
15	<i>Penicillium section Lanata-divaricata</i> from acidic soil. <i>Cladistics</i> , 2019, 35, 514-549.	3.3	17
16	Polyphasic characterization of four new plant pathogenic <i>Phyllosticta</i> species from China, Japan, and the United States. <i>Fungal Biology</i> , 2015, 119, 433-446.	2.5	14
17	Effect of applying potentials on anaerobic digestion of high salinity organic wastewater. <i>Science of the Total Environment</i> , 2022, 822, 153416.	8.0	13
18	The Synergic Relationship Between Xylan Removal and Enhanced Cellulose Digestibility for Bioethanol Production: Reactive Area, Crystallinity, and Inhibition. <i>Bioenergy Research</i> , 2015, 8, 1847-1855.	3.9	12

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19	Polyphasic characterisation of three novel species of <i>Paraboeremia</i> . <i>Mycological Progress</i> , 2017, 16, 285-295.	1.4	12
20	Cross-species recognition and molecular basis of SARS-CoV-2 and SARS-CoV binding to ACE2s of marine animals. <i>National Science Review</i> , 2022, 9, .	9.5	10
21	Phylogeny of the genus <i>Fuscoporia</i> and taxonomic assessment of the <i>F. contigua</i> group. <i>Mycologia</i> , 2019, 111, 423-444.	1.9	8
22	<i>Fomitiporia rhamnoides</i> sp. nov. (Hymenochaetales, Basidiomycota), a new polypore growing on Hippophae from China. <i>MycKeys</i> , 2018, 36, 35-43.	1.9	7
23	Uncovering the mysterious identity of Taisui—an old Chinese folk legend. <i>Science China Life Sciences</i> , 2020, 63, 1942-1945.	4.9	5
24	Solvability and thermal response of cellulose with different crystal configurations. <i>Frontiers of Engineering Management</i> , 2019, 6, 62-69.	6.1	4
25	<i>Fuscoporia ambigua</i> sp. nov., a new species from America and China. <i>Phytotaxa</i> , 2020, 456, 175-185.	0.3	4
26	<i>Fuscoporia caymanensis</i> sp. nov. (Basidiomycota,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 135-146.	0.3	4
27	Two new species of <i>Fuscoporia</i> (Hymenochaetales, Basidiomycota) from southern China based on morphological characters and molecular evidence. <i>MycKeys</i> , 2019, 61, 75-89.	1.9	3
28	Machine Learning Approach Effectively Predicts Binding Between SARS-CoV-2 Spike and ACE2 Across Mammalian Species Worldwide, 2021. <i>China CDC Weekly</i> , 2021, 3, 967-972.	2.3	2