

# Cong Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

506  
citations

623734

14  
h-index

713466

21  
g-index

33  
all docs

33  
docs citations

33  
times ranked

584  
citing authors

#	ARTICLE	IF	CITATIONS
1	G5-PEG PAMAM dendrimer incorporating nanostructured lipid carriers enhance oral bioavailability and plasma lipid-lowering effect of probucol. <i>Journal of Controlled Release</i> , 2015, 210, 160-168.	9.9	41
2	Rain downpours affect survival and development of insect herbivores: the specter of climate change?. <i>Ecology</i> , 2019, 100, e02819.	3.2	36
3	Hydrological connectivity dynamics of tidal flat systems impacted by severe reclamation in the Yellow River Delta. <i>Science of the Total Environment</i> , 2020, 739, 139860.	8.0	33
4	G5 PAMAM dendrimer versus liposome: A comparison study on the in vitro transepithelial transport and in vivo oral absorption of simvastatin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1141-1151.	3.3	32
5	Inhibitory effects of doxycycline on the onset and progression of abdominal aortic aneurysm and its related mechanisms. <i>European Journal of Pharmacology</i> , 2017, 811, 101-109.	3.5	26
6	Differential effects of climate warming on reproduction and functional responses on insects in the fourth trophic level. <i>Functional Ecology</i> , 2019, 33, 693-702.	3.6	26
7	Integrating a Microwave Resonator and a Microchannel with an Immunochromatographic Strip for Stable and Quantitative Biodetection. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 14630-14639.	8.0	25
8	Modulating the Electronic Structure of Nickel Sulfide Electrocatalysts by Chlorine Doping toward Highly Efficient Alkaline Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 6869-6875.	8.0	25
9	A review of molecular imaging of atherosclerosis and the potential application of dendrimer in imaging of plaque. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7681-7693.	6.7	23
10	Can the native faunal communities be restored from removal of invasive plants in coastal ecosystems? A global meta-analysis. <i>Global Change Biology</i> , 2021, 27, 4644-4656.	9.5	22
11	Study on the Assembly Structure Variation of Cetyltrimethylammonium Bromide on the Surface of Gold Nanoparticles. <i>ACS Omega</i> , 2020, 5, 4943-4952.	3.5	19
12	Donnan Dialysis-Osmotic Distillation (DD-OD) Hybrid Process for Selective Ammonium Recovery Driven by Waste Alkali. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7015-7024.	10.0	17
13	Fenofibrate nanoliposome: Preparation and its inhibitory effects on nonalcoholic fatty liver disease in mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2449-2458.	3.3	16
14	In Situ Electrochemically Formed Ag/NiOOH/Ni <sub>3</sub> S <sub>2</sub> Heterostructure Electrocatalysts with Exceptional Performance toward Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5976-5985.	6.7	15
15	Engineering nickel vacancies in NiCo LDH nanoarrays accelerates hydrogen evolution and oxygen evolution reactions. <i>Chemical Communications</i> , 2022, 58, 7757-7760.	4.1	15
16	Mechanisms underlying the inhibitory effects of probucol on elastase-induced abdominal aortic aneurysm in mice. <i>British Journal of Pharmacology</i> , 2020, 177, 204-216.	5.4	14
17	Artificial modification on lateral hydrological connectivity promotes range expansion of invasive <i>Spartina alterniflora</i> in salt marshes of the Yellow River delta, China. <i>Science of the Total Environment</i> , 2021, 769, 144476.	8.0	13
18	An unconventionally secreted effector from the root knot nematode <i>Meloidogyne incognita</i> , Mi-1, promotes parasitism by disrupting salicylic acid biosynthesis in host plants. <i>Molecular Plant Pathology</i> , 2022, 23, 516-529.	4.2	13

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19	Preventive effects of simvastatin nanoliposome on isoproterenol-induced cardiac remodeling in mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1899-1907.	3.3	12
20	Responses of insect herbivores and their food plants to wind exposure and the importance of predation risk. <i>Journal of Animal Ecology</i> , 2018, 87, 1046-1057.	2.8	12
21	Windows of opportunity for smooth cordgrass landward invasion to tidal channel margins: The importance of hydrodynamic disturbance to seedling establishment. <i>Journal of Environmental Management</i> , 2020, 266, 110559.	7.8	12
22	How hydrological connectivity regulates the plant recovery process in salt marshes. <i>Journal of Applied Ecology</i> , 2021, 58, 1314-1324.	4.0	11
23	Tidal channel-mediated gradients facilitate <i>Spartina alterniflora</i> invasion in coastal ecosystems: implications for invasive species management. <i>Marine Ecology - Progress Series</i> , 2021, 659, 59-73.	1.9	9
24	Simulated heatwave conditions associated with global warming affect development and competition between hyperparasitoids. <i>Oikos</i> , 2019, 128, 1783-1792.	2.7	7
25	Discovery and rational design of 2-aminopyrimidine-based derivatives targeting Janus kinase 2 (JAK2) and FMS-like tyrosine kinase 3 (FLT3). <i>Bioorganic Chemistry</i> , 2020, 104, 104361.	4.1	7
26	Thermosensitive Hydrogel Containing Doxycycline Exerts Inhibitory Effects on Abdominal Aortic Aneurysm Induced By Pancreatic Elastase in Mice. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700671.	7.6	6
27	Enhancement of lateral connectivity promotes the establishment of plants in saltmarshes. <i>Science of the Total Environment</i> , 2021, 767, 145484.	8.0	6
28	Ligand-based optimization to identify novel 2-aminobenzo[d]thiazole derivatives as potent sEH inhibitors with anti-inflammatory effects. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113028.	5.5	5
29	A novel herbivorous wood-borer insect outbreak triggers die-offs of a foundation plant species in coastal ecosystems. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	3.1	3
30	Development of a neuron model based on DNAAzyme regulation. <i>RSC Advances</i> , 2021, 11, 9985-9994.	3.6	3
31	Diagnostic absolute configuration determination of clavulanate potassium: A comprehensive investigation of chiroptical spectroscopies and theoretical calculations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 351-359.	2.8	2
32	Rain Downpours Affect Survival and Development of Insect Herbivores: The Specter of Climate Change?. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01604.	0.2	0
33	Mother knows best: maternal oviposition effects of a range-expanding insect herbivore degrade coastal wetlands by targeting juvenile foundation species. <i>Land Degradation and Development</i> , 0, , .	3.9	0