

# Wei Hong

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

804  
citations

567144

15  
h-index

610775

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting endogenous CRISPR-Cas system for multiplex genome editing in <i>Clostridium tyrobutyricum</i> and engineer the strain for high-level butanol production. <i>Metabolic Engineering</i> , 2018, 47, 49-59.	3.6	172
2	A biomimetic chiral-driven ionic gate constructed by pillar[6]arene-based host-guest systems. <i>Nature Communications</i> , 2018, 9, 2617.	5.8	119
3	Multiplexed CRISPR-Cpf1-Mediated Genome Editing in <i>Clostridium difficile</i> toward the Understanding of Pathogenesis of <i>C. difficile</i> Infection. <i>ACS Synthetic Biology</i> , 2018, 7, 1588-1600.	1.9	66
4	A Targetron System for Gene Targeting in Thermophiles and Its Application in <i>Clostridium thermocellum</i> . <i>PLoS ONE</i> , 2013, 8, e69032.	1.1	59
5	Functionalized nanoflower-like hydroxyl magnesium silicate for effective adsorption of aflatoxin B1. <i>Journal of Hazardous Materials</i> , 2020, 387, 121792.	6.5	48
6	The contribution of cellulosomal scaffoldins to cellulose hydrolysis by <i>Clostridium thermocellum</i> analyzed by using thermotargetrons. <i>Biotechnology for Biofuels</i> , 2014, 7, 80.	6.2	46
7	Efficient whole-cell-catalyzing cellulose saccharification using engineered <i>Clostridium thermocellum</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 124.	6.2	39
8	Reduced expression of SIRT1 and SOD-1 and the correlation between these levels in various regions of the brains of patients with Alzheimer's disease. <i>Journal of Clinical Pathology</i> , 2018, 71, 1090-1099.	1.0	35
9	Markerless genome editing in <i>Clostridium beijerinckii</i> using the CRISPR-Cpf1 system. <i>Journal of Biotechnology</i> , 2018, 284, 27-30.	1.9	30
10	Zoledronic acid inhibits osteoclast differentiation and function through the regulation of NF- $\kappa$ B and JNK signalling pathways. <i>International Journal of Molecular Medicine</i> , 2019, 44, 582-592.	1.8	27
11	Activation of $\alpha 7$ nAChR by PNU-282987 improves synaptic and cognitive functions through restoring the expression of synaptic-associated proteins and the CaM-CaMKII-CREB signaling pathway. <i>Ageing</i> , 2020, 12, 543-570.	1.4	27
12	HMGB1 release promotes paclitaxel resistance in castration-resistant prostate cancer cells via activating c-Myc expression. <i>Cellular Signalling</i> , 2020, 72, 109631.	1.7	23
13	Improvement of ClosTron for successive gene disruption in <i>Clostridium cellulolyticum</i> using a pyrF-based screening system. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 313-323.	1.7	21
14	Enhancing plasmid transformation efficiency and enabling CRISPR-Cas9/Cpf1-based genome editing in <i>Clostridium tyrobutyricum</i> . <i>Biotechnology and Bioengineering</i> , 2020, 117, 2911-2917.	1.7	20
15	The Bifunctional Enzyme SpoT Is Involved in the Clarithromycin Tolerance of <i>Helicobacter pylori</i> by Upregulating the Transporters HP0939, HP1017, HP0497, and HP0471. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	17
16	Lithium chloride reduced the level of oxidative stress in brains and serums of APP/PS1 double transgenic mice via the regulation of GSK3 $\beta$ /Nrf2/HO-1 pathway. <i>International Journal of Neuroscience</i> , 2020, 130, 564-573.	0.8	16
17	Enhancing tricarboxylate transportation-related NADPH generation to improve biodiesel production by <i>Aurantiochytrium</i> . <i>Algal Research</i> , 2019, 40, 101505.	2.4	14
18	The <i>cwp66</i> Gene Affects Cell Adhesion, Stress Tolerance, and Antibiotic Resistance in <i>Clostridioides difficile</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0270421.	1.2	9

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19	Zoledronic acid modulates osteoclast apoptosis through activation of the NF- $\kappa$ B signaling pathway in ovariectomized rats. <i>Experimental Biology and Medicine</i> , 2021, 246, 1727-1739.	1.1	6
20	An inexpensive anaerobic chamber for the genetic manipulation of strictly anaerobic bacteria. <i>Anaerobe</i> , 2021, 69, 102349.	1.0	3
21	Novel Aerogel Absorbent Derived from Iron Tailings Via Atmospheric Drying. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 6901-6914.	1.7	3
22	Bacteria co-colonizing with <i>Clostridioides difficile</i> in two asymptomatic patients. <i>Open Life Sciences</i> , 2019, 14, 628-637.	0.6	2
23	Co-infection of <i>Clostridioides (Clostridium) difficile</i> GMU1 and <i>Bacillus cereus</i> GMU2 in one patient in Guizhou, China. <i>Anaerobe</i> , 2018, 54, 159-163.	1.0	1
24	Highly Efficient Genome Editing in <i>Clostridium difficile</i> Using the CRISPR-Cpf1 System. <i>Methods in Molecular Biology</i> , 2022, 2479, 175-187.	0.4	1
25	Providing Quality of Service for Voice-over-IP over TD-SCDMA HSDPA. , 2008, , .		0