

Jun Zheng

List of Publications by Year in Descending Order

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

57 papers	2,356 citations	23 h-index	48 g-index
63 ext. papers	3,004 ext. citations	7 avg, IF	6.69 L-index

#	Paper	IF	Citations
57	Enhanced antibacterial function of a supramolecular artificial receptor-modified macrophage (SAR-Macrophage).. <i>Materials Horizons</i> , 2022 ,	14.4	3
56	Survives From Ofloxacin Stress by Metabolic Adjustment.. <i>Frontiers in Microbiology</i> , 2022 , 13, 818923	5.7	1
55	Are Bacterial Persisters Dormant Cells Only?. <i>Frontiers in Microbiology</i> , 2021 , 12, 708580	5.7	0
54	Succinate Promotes Phagocytosis of Monocytes/Macrophages in Teleost Fish. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 644957	5.6	6
53	Synthesis and Bioactivity of Guanidinium-Functionalized Pillar[5]arene as a Biofilm Disruptor. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 618-623	16.4	47
52	Synthesis and Bioactivity of Guanidinium-Functionalized Pillar[5]arene as a Biofilm Disruptor. <i>Angewandte Chemie</i> , 2021 , 133, 628-633	3.6	4
51	The Genetic Variant of SARS-CoV-2: would It Matter for Controlling the Devastating Pandemic?. <i>International Journal of Biological Sciences</i> , 2021 , 17, 1476-1485	11.2	11
50	Translational GTPase BipA Is Involved in the Maturation of a Large Subunit of Bacterial Ribosome at Suboptimal Temperature. <i>Frontiers in Microbiology</i> , 2021 , 12, 686049	5.7	0
49	Serine Metabolism Tunes Immune Responses To Promote Survival upon Infection. <i>MSystems</i> , 2021 , 6, e0042621	7.6	10
48	Non-walled spherical is an important type of persister upon -lactam antibiotic treatment. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1149-1159	18.9	6
47	Exogenous maltose enhances Zebrafish immunity to levofloxacin-resistant <i>Vibrio alginolyticus</i> . <i>Microbial Biotechnology</i> , 2020 , 13, 1213-1227	6.3	16
46	SARS-CoV-2: an Emerging Coronavirus that Causes a Global Threat. <i>International Journal of Biological Sciences</i> , 2020 , 16, 1678-1685	11.2	491
45	Supramolecular Modulation of Antibacterial Activity of Ambroxol by Cucurbit[7]uril. <i>ChemPlusChem</i> , 2020 , 85, 679-683	2.8	3
44	Organism dual RNA-seq reveals the importance of BarA/UvrY in <i>Vibrio parahaemolyticus</i> virulence. <i>FASEB Journal</i> , 2020 , 34, 7561-7577	0.9	3
43	l-aspartic acid promotes fish survival against <i>Vibrio alginolyticus</i> infection through nitric oxide-induced phagocytosis. <i>Fish and Shellfish Immunology</i> , 2020 , 97, 359-366	4.3	22
42	Recombinant <i>Vibrio parahaemolyticus</i> ghosts protect zebrafish against infection by <i>Vibrio</i> species. <i>Fish and Shellfish Immunology</i> , 2020 , 107, 64-72	4.3	5
41	Role of oxidative stress in clofazimine-induced cardiac dysfunction in a zebrafish model. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 132, 110749	7.5	1

40	Integrated Co-Functional Network Analysis on the Resistance and Virulence Features in. <i>Frontiers in Microbiology</i> , 2020 , 11, 598380	5.7	3
39	Maltose promotes crucian carp survival against infection at high temperature. <i>Virulence</i> , 2020 , 11, 877-888	4.7	10
38	Metabolites-Enabled Survival of Crucian Carps Infected by in High Water Temperature. <i>Frontiers in Immunology</i> , 2019 , 10, 1991	8.4	26
37	A Model of Hereditary Sensory and Autonomic Neuropathy Type 1 Reveals a Role of Glycosphingolipids in Neuronal Polarity. <i>Journal of Neuroscience</i> , 2019 , 39, 5816-5834	6.6	11
36	Alarmone Ap4A is elevated by aminoglycoside antibiotics and enhances their bactericidal activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9578-9585	11.5	22
35	Analyzing Complexity and Fractality of Glucose Dynamics in a Pregnant Woman with Type 2 Diabetes under Treatment. <i>International Journal of Biological Sciences</i> , 2019 , 15, 2373-2380	11.2	
34	Sphingolipidomic Analysis of reveals Development- and Environment-dependent Metabolic Features. <i>International Journal of Biological Sciences</i> , 2019 , 15, 2897-2910	11.2	5
33	Phenylalanine enhances innate immune response to clear ceftazidime-resistant <i>Vibrio alginolyticus</i> in <i>Danio rerio</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 84, 912-919	4.3	49
32	Dual-Modal In Vivo Fluorescence/Photoacoustic Microscopy Imaging of Inflammation Induced by GFP-Expressing Bacteria. <i>Sensors</i> , 2019 , 19,	3.8	5
31	Degradation for better survival? Role of ubiquitination in epithelial morphogenesis. <i>Biological Reviews</i> , 2018 , 93, 1438-1460	13.5	1
30	Activatable photoacoustic and fluorescent probe of nitric oxide for cellular and in vivo imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 267, 403-411	8.5	28
29	Supramolecular strategy for reducing the cardiotoxicity of bedaquiline without compromising its antimycobacterial efficacy. <i>Food and Chemical Toxicology</i> , 2018 , 119, 425-429	4.7	8
28	Engineering a protein-based nanoplatfrom as an antibacterial agent for light activated dual-modal photothermal and photodynamic therapy of infection in both the NIR I and II windows. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 732-739	7.3	32
27	Analysis of global prevalence of antibiotic resistance in <i>Acinetobacter baumannii</i> infections disclosed a faster increase in OECD countries. <i>Emerging Microbes and Infections</i> , 2018 , 7, 31	18.9	78
26	Alanine Enhances Aminoglycosides-Induced ROS Production as Revealed by Proteomic Analysis. <i>Frontiers in Microbiology</i> , 2018 , 9, 29	5.7	43
25	Entropy Change of Biological Dynamics in Asthmatic Patients and Its Diagnostic Value in Individualized Treatment: A Systematic Review. <i>Entropy</i> , 2018 , 20,	2.8	5
24	Studies on Aminoglycoside Susceptibility Identify a Novel Function of KsgA To Secure Translational Fidelity during Antibiotic Stress. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	12
23	<i>Vibrio parahaemolyticus</i> RhsP represents a widespread group of pro-effectors for type VI secretion systems. <i>Nature Communications</i> , 2018 , 9, 3899	17.4	6

22	Structure-guided disruption of the pseudopilus tip complex inhibits the Type II secretion in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2018 , 14, e1007343	7.6	9
21	Screening and expressing HIV-1 specific antibody fragments in <i>Saccharomyces cerevisiae</i> . <i>Molecular Immunology</i> , 2018 , 103, 279-285	4.3	4
20	Identification and efficacy of glycine, serine and threonine metabolism in potentiating kanamycin-mediated killing of <i>Edwardsiella piscicida</i> . <i>Journal of Proteomics</i> , 2018 , 183, 34-44	3.9	29
19	Engineered antibody CH2 domains binding to nucleolin: Isolation, characterization and improvement of aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 446-453	3.4	16
18	An eco-friendly in situ activatable antibiotic via cucurbit[8]uril-mediated supramolecular crosslinking of branched polyethylenimine. <i>Chemical Communications</i> , 2017 , 53, 5870-5873	5.8	39
17	Entropy change of biological dynamics in COPD. <i>International Journal of COPD</i> , 2017 , 12, 2997-3005	3	11
16	Complexity Change in Cardiovascular Disease. <i>International Journal of Biological Sciences</i> , 2017 , 13, 1320-1328	11.2	31
15	Complexation of clofazimine by macrocyclic cucurbit[7]uril reduced its cardiotoxicity without affecting the antimycobacterial efficacy. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 7563-9	3.9	49
14	Research and development of antibiotics: insights from patents and citation network. <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 617-27	6.8	5
13	dfrA thyA Double Deletion in para-Aminosalicylic Acid-Resistant <i>Mycobacterium tuberculosis</i> Beijing Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3864-7	5.9	13
12	para-Aminosalicylic acid is a prodrug targeting dihydrofolate reductase in <i>Mycobacterium tuberculosis</i> . <i>Journal of Biological Chemistry</i> , 2013 , 288, 23447-56	5.4	114
11	A high-throughput screen to identify inhibitors of ATP homeostasis in non-replicating <i>Mycobacterium tuberculosis</i> . <i>ACS Chemical Biology</i> , 2012 , 7, 1190-7	4.9	109
10	The natural product cyclomarin kills <i>Mycobacterium tuberculosis</i> by targeting the ClpC1 subunit of the caseinolytic protease. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5889-91	16.4	107
9	Genetic analysis of anti-amoebae and anti-bacterial activities of the type VI secretion system in <i>Vibrio cholerae</i> . <i>PLoS ONE</i> , 2011 , 6, e23876	3.7	141
8	Quorum sensing and a global regulator TsrA control expression of type VI secretion and virulence in <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 21128-33	11.5	103
7	EseG, an effector of the type III secretion system of <i>Edwardsiella tarda</i> , triggers microtubule destabilization. <i>Infection and Immunity</i> , 2010 , 78, 5011-21	3.7	52
6	Structural basis for the secretion of EvpC: a key type VI secretion system protein from <i>Edwardsiella tarda</i> . <i>PLoS ONE</i> , 2010 , 5, e12910	3.7	48
5	Dissection of a type VI secretion system in <i>Edwardsiella tarda</i> . <i>Molecular Microbiology</i> , 2007 , 66, 1192-206	4.1	283

4	EscC is a chaperone for the Edwardsiella tarda type III secretion system putative translocon components EseB and EseD. <i>Microbiology (United Kingdom)</i> , 2007 , 153, 1953-1962	2.9	26
3	Unraveling Edwardsiella tarda pathogenesis using the proteomics approach. <i>Methods of Biochemical Analysis</i> , 2006 , 49, 237-44		
2	Role of type III secretion in Edwardsiella tarda virulence. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 2301-2313	2.13	125
1	Regulation of a type III and a putative secretion system in Edwardsiella tarda by EsrC is under the control of a two-component system, EsrA-EsrB. <i>Infection and Immunity</i> , 2005 , 73, 4127-37	3.7	66