

# Liang Yang

## List of Publications by Year in descending order

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172  
papers

10,494  
citations

31949

53  
h-index

39638

94  
g-index

190  
all docs

190  
docs citations

190  
times ranked

12528  
citing authors

#	ARTICLE	IF	CITATIONS
1	A characterization of DNA release in <i>Pseudomonas aeruginosa</i> cultures and biofilms. <i>Molecular Microbiology</i> , 2006, 59, 1114-1128.	1.2	851
2	Role of autolysin-mediated DNA release in biofilm formation of <i>Staphylococcus epidermidis</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 2083-2092.	0.7	411
3	Open-Source Genomic Analysis of Shiga-Toxin-Producing <i>E. coli</i> O104:H4. <i>New England Journal of Medicine</i> , 2011, 365, 718-724.	13.9	392
4	Roles of type IV pili, flagellum-mediated motility and extracellular DNA in the formation of mature multicellular structures in <i>Pseudomonas aeruginosa</i> biofilms. <i>Environmental Microbiology</i> , 2008, 10, 2331-2343.	1.8	345
5	Effects of Antibiotics on Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3648-3663.	1.4	316
6	Effects of iron on DNA release and biofilm development by <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 1318-1328.	0.7	309
7	Dispersed cells represent a distinct stage in the transition from bacterial biofilm to planktonic lifestyles. <i>Nature Communications</i> , 2014, 5, 4462.	5.8	294
8	An update on <i>Pseudomonas aeruginosa</i> biofilm formation, tolerance, and dispersal. <i>FEMS Immunology and Medical Microbiology</i> , 2010, 59, 253-268.	2.7	288
9	Interspecies signalling via the <i>Stenotrophomonas maltophilia</i> diffusible signal factor influences biofilm formation and polymyxin tolerance in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2008, 68, 75-86.	1.2	213
10	Characterization of starvation-induced dispersion in <i>Pseudomonas putida</i> biofilms: genetic elements and molecular mechanisms. <i>Molecular Microbiology</i> , 2010, 75, 815-826.	1.2	208
11	Computer-Aided Identification of Recognized Drugs as <i>Pseudomonas aeruginosa</i> Quorum-Sensing Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2432-2443.	1.4	199
12	Distinct roles of extracellular polymeric substances in <i>Pseudomonas aeruginosa</i> biofilm development. <i>Environmental Microbiology</i> , 2011, 13, 1705-1717.	1.8	196
13	Colistin-Tobramycin Combinations Are Superior to Monotherapy Concerning the Killing of Biofilm <i>Pseudomonas aeruginosa</i> . <i>Journal of Infectious Diseases</i> , 2010, 202, 1585-1592.	1.9	181
14	Combating biofilms. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 146-157.	2.7	163
15	Current understanding of multi-species biofilms. <i>International Journal of Oral Science</i> , 2011, 3, 74-81.	3.6	162
16	Synthesis and characterization of novel antibacterial silver nanocomposite nanofiltration and forward osmosis membranes based on layer-by-layer assembly. <i>Water Research</i> , 2013, 47, 3081-3092.	5.3	161
17	Pyoverdine and PQS mediated subpopulation interactions involved in <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Molecular Microbiology</i> , 2009, 74, 1380-1392.	1.2	146
18	Dynamic Remodeling of Microbial Biofilms by Functionally Distinct Exopolysaccharides. <i>MBio</i> , 2014, 5, e01536-14.	1.8	142

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19	Selective labelling and eradication of antibiotic-tolerant bacterial populations in <i>Pseudomonas aeruginosa</i> biofilms. <i>Nature Communications</i> , 2016, 7, 10750.	5.8	137
20	PslG, a self-produced glycosyl hydrolase, triggers biofilm disassembly by disrupting exopolysaccharide matrix. <i>Cell Research</i> , 2015, 25, 1352-1367.	5.7	123
21	<i>Pseudomonas aeruginosa</i> extracellular products inhibit staphylococcal growth, and disrupt established biofilms produced by <i>Staphylococcus epidermidis</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 2148-2156.	0.7	115
22	Identification of Five Structurally Unrelated Quorum-Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> from a Natural-Derivative Database. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5629-5641.	1.4	113
23	Block Copolymer Nanoparticles Remove Biofilms of Drug-Resistant Gram-Positive Bacteria by Nanoscale Bacterial Debridement. <i>Nano Letters</i> , 2018, 18, 4180-4187.	4.5	113
24	Metagenomic and metatranscriptomic analysis of saliva reveals disease-associated microbiota in patients with periodontitis and dental caries. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 23.	2.9	109
25	HD&GYP domain proteins regulate biofilm formation and virulence in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2009, 11, 1126-1136.	1.8	103
26	Salicylic acid-mediated plasmodesmal closure via Remorin-dependent lipid organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21274-21284.	3.3	102
27	Microbial communities in the tropical air ecosystem follow a precise diel cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23299-23308.	3.3	99
28	Disulfide Bond-Containing Ajoene Analogues As Novel Quorum Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2017, 60, 215-227.	2.9	98
29	Bis-(3&sup2;-5&sup2;)-Cyclic Dimeric GMP Regulates Antimicrobial Peptide Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2066-2075.	1.4	93
30	Skin Commensal <i>Malassezia globosa</i> Secreted Protease Attenuates <i>Staphylococcus aureus</i> Biofilm Formation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1137-1145.	0.3	90
31	In silico analyses of metagenomes from human atherosclerotic plaque samples. <i>Microbiome</i> , 2015, 3, 38.	4.9	87
32	Emerging frontiers in detection and control of bacterial biofilms. <i>Current Opinion in Biotechnology</i> , 2014, 26, 1-6.	3.3	83
33	Ribosome protection by antibiotic resistance ATP-binding cassette protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5157-5162.	3.3	83
34	Detection of Pathogenic Biofilms with Bacterial Amyloid Targeting Fluorescent Probe, CDy11. <i>Journal of the American Chemical Society</i> , 2016, 138, 402-407.	6.6	82
35	Pattern differentiation in co-culture biofilms formed by <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2011, 62, 339-347.	2.7	79
36	Effects of ginseng on <i>Pseudomonas aeruginosa</i> motility and biofilm formation. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 62, 49-56.	2.7	78

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37	First case of <i>E. anophelis</i> outbreak in an intensive-care unit. <i>Lancet</i> , 2013, 382, 855-856.	6.3	78
38	The PprA–PprB two-component system activates CupE, the first non-archetypal <i>Pseudomonas aeruginosa</i> chaperone usher pathway system assembling fimbriae. <i>Environmental Microbiology</i> , 2011, 13, 666-683.	1.8	73
39	Polysaccharides serve as scaffold of biofilms formed by mucoid <i>Pseudomonas aeruginosa</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 366-376.	2.7	73
40	Influence of outer membrane $\beta$ -type cytochromes on particle size and activity of extracellular nanoparticles produced by <i>Shewanella oneidensis</i> . <i>Biotechnology and Bioengineering</i> , 2013, 110, 1831-1837.	1.7	72
41	c-di-GMP regulates <i>Pseudomonas aeruginosa</i> stress response to tellurite during both planktonic and biofilm modes of growth. <i>Scientific Reports</i> , 2015, 5, 10052.	1.6	72
42	Synergistic Activities of an Efflux Pump Inhibitor and Iron Chelators against <i>Pseudomonas aeruginosa</i> Growth and Biofilm Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3960-3963.	1.4	70
43	Functional Amyloids Keep Quorum-sensing Molecules in Check. <i>Journal of Biological Chemistry</i> , 2015, 290, 6457-6469.	1.6	70
44	High $\beta$ -Lactamase Levels Change the Pharmacodynamics of $\beta$ -Lactam Antibiotics in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 196-204.	1.4	69
45	Engineering PQS Biosynthesis Pathway for Enhancement of Bioelectricity Production in <i>Pseudomonas aeruginosa</i> Microbial Fuel Cells. <i>PLoS ONE</i> , 2013, 8, e63129.	1.1	65
46	A sensor kinase recognizing the cell-cell signal BDSF (cis-2-dodecenoic acid) regulates virulence in <i>Burkholderia cenocepacia</i> . <i>Molecular Microbiology</i> , 2010, 77, 1220-1236.	1.2	63
47	The LapG protein plays a role in <i>Pseudomonas aeruginosa</i> biofilm formation by controlling the presence of the CdrA adhesin on the cell surface. <i>MicrobiologyOpen</i> , 2015, 4, 917-930.	1.2	63
48	In vitro and in vivo generation and characterization of <i>Pseudomonas aeruginosa</i> biofilm dispersed cells via c-di-GMP manipulation. <i>Nature Protocols</i> , 2015, 10, 1165-1180.	5.5	63
49	Reactive oxygen species drive evolution of pro-biofilm variants in pathogens by modulating cyclic-di-GMP levels. <i>Open Biology</i> , 2016, 6, 160162.	1.5	62
50	A cyclic di-GMP binding adaptor protein interacts with a chemotaxis methyltransferase to control flagellar motor switching. <i>Science Signaling</i> , 2016, 9, ra102.	1.6	61
51	Reduced Intracellular c-di-GMP Content Increases Expression of Quorum Sensing-Regulated Genes in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 451.	1.8	61
52	Combination Therapy Strategy of Quorum Quenching Enzyme and Quorum Sensing Inhibitor in Suppressing Multiple Quorum Sensing Pathways of <i>P. aeruginosa</i> . <i>Scientific Reports</i> , 2018, 8, 1155.	1.6	60
53	Population dynamics and transcriptomic responses of <i>Pseudomonas aeruginosa</i> in a complex laboratory microbial community. <i>Npj Biofilms and Microbiomes</i> , 2019, 5, 1.	2.9	60
54	HigB of <i>Pseudomonas aeruginosa</i> Enhances Killing of Phagocytes by Up-Regulating the Type III Secretion System in Ciprofloxacin Induced Persister Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 125.	1.8	58

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55	Persistent Bacterial Coinfection of a COVID-19 Patient Caused by a Genetically Adapted <i>Pseudomonas aeruginosa</i> Chronic Colonizer. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 641920.	1.8	56
56	Evolution and Adaptation in <i>Pseudomonas aeruginosa</i> Biofilms Driven by Mismatch Repair System-Deficient Mutators. <i>PLoS ONE</i> , 2011, 6, e27842.	1.1	53
57	Biofilms of Pathogenic Nontuberculous Mycobacteria Targeted by New Therapeutic Approaches. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 24-35.	1.4	53
58	Comparative Genomic Analysis of Malaria Mosquito Vector-Associated Novel Pathogen <i>Elizabethkingia anophelis</i> . <i>Genome Biology and Evolution</i> , 2014, 6, 1158-1165.	1.1	52
59	RNA G-Quadruplex Structures Mediate Gene Regulation in Bacteria. <i>MBio</i> , 2020, 11, .	1.8	52
60	Antimicrobial Activity and Cell Selectivity of Synthetic and Biosynthetic Cationic Polymers. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	51
61	The rapid <i>in vivo</i> evolution of <i>Pseudomonas aeruginosa</i> in ventilator-associated pneumonia patients leads to attenuated virulence. <i>Open Biology</i> , 2017, 7, 170029.	1.5	50
62	Multiple diguanylate cyclase-coordinated regulation of pyoverdine synthesis in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology Reports</i> , 2015, 7, 498-507.	1.0	47
63	Identification of a biosynthetic gene cluster for the polyene macrolactam sceliphrolactam in a <i>Streptomyces</i> strain isolated from mangrove sediment. <i>Scientific Reports</i> , 2018, 8, 1594.	1.6	46
64	Metagenomic insights into the influence of salinity and cytostatic drugs on the composition and functional genes of microbial community in forward osmosis anaerobic membrane bioreactors. <i>Chemical Engineering Journal</i> , 2017, 326, 462-469.	6.6	46
65	RpoN Regulates Virulence Factors of <i>Pseudomonas aeruginosa</i> via Modulating the PqsR Quorum Sensing Regulator. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28311-28319.	1.8	44
66	Comparative Systems Biology Analysis To Study the Mode of Action of the Isothiocyanate Compound Iberin on <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6648-6659.	1.4	43
67	Itaconimides as Novel Quorum Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 443.	1.8	43
68	Comparative Genomic Analysis of Rapid Evolution of an Extreme-Drug-Resistant <i>Acinetobacter baumannii</i> Clone. <i>Genome Biology and Evolution</i> , 2013, 5, 807-818.	1.1	42
69	A Cyclic di-GMP-binding Adaptor Protein Interacts with Histidine Kinase to Regulate Two-component Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 16112-16123.	1.6	40
70	Mechanistic action of weak acid drugs on biofilms. <i>Scientific Reports</i> , 2017, 7, 4783.	1.6	40
71	Salicylic acid regulates PIN2 auxin transporter hyperclustering and root gravitropic growth via Remorin-dependent lipid nanodomain organisation in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2021, 229, 963-978.	3.5	40
72	Biofilm control by interfering with c-di-GMP metabolism and signaling. <i>Biotechnology Advances</i> , 2022, 56, 107915.	6.0	39

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73	High in vitro antimicrobial activity of $\beta$ -peptoid-peptide hybrid oligomers against planktonic and biofilm cultures of <i>Staphylococcus epidermidis</i> . <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 20-27.	1.1	38
74	Enzyme-responsive reporter molecules for selective localization and fluorescence imaging of pathogenic biofilms. <i>Chemical Communications</i> , 2017, 53, 3330-3333.	2.2	38
75	<i>Staphylococcus epidermidis</i> recovered from indwelling catheters exhibit enhanced biofilm dispersal and "self-renewal" through downregulation of agr. <i>BMC Microbiology</i> , 2012, 12, 102.	1.3	35
76	Metabolite-enabled mutualistic interaction between <i>Shewanella oneidensis</i> and <i>Escherichia coli</i> in a co-culture using an electrode as electron acceptor. <i>Scientific Reports</i> , 2015, 5, 11222.	1.6	35
77	Biogenic tellurium nanorods as a novel antivirulence agent inhibiting pyoverdine production in <i>Pseudomonas aeruginosa</i> . <i>Biotechnology and Bioengineering</i> , 2014, 111, 858-865.	1.7	34
78	Complete Genome Sequence and Transcriptomic Analysis of the Novel Pathogen <i>Elizabethkingia anophelis</i> in Response to Oxidative Stress. <i>Genome Biology and Evolution</i> , 2015, 7, 1676-1685.	1.1	34
79	<i>Xanthomonas</i> effector XopR hijacks host actin cytoskeleton via complex coacervation. <i>Nature Communications</i> , 2021, 12, 4064.	5.8	34
80	Tracking inter-institutional spread of NDM and identification of a novel NDM-positive plasmid, pSg1-NDM, using next-generation sequencing approaches. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3081-3089.	1.3	33
81	T6SS Mediated Stress Responses for Bacterial Environmental Survival and Host Adaptation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 478.	1.8	33
82	Real Time, Spatial, and Temporal Mapping of the Distribution of c-di-GMP during Biofilm Development. <i>Journal of Biological Chemistry</i> , 2017, 292, 477-487.	1.6	32
83	Evaluation of Enoyl-Acyl Carrier Protein Reductase Inhibitors as <i>Pseudomonas aeruginosa</i> Quorum-Quenching Reagents. <i>Molecules</i> , 2010, 15, 780-792.	1.7	31
84	Membrane nanodomains modulate formin condensation for actin remodeling in <i>Arabidopsis</i> innate immune responses. <i>Plant Cell</i> , 2022, 34, 374-394.	3.1	31
85	A novel two-component system modulates quorum sensing and pathogenicity in <i>Burkholderia cenocepacia</i> . <i>Molecular Microbiology</i> , 2018, 108, 32-44.	1.2	30
86	The catabolite repression control protein Crc plays a role in the development of antimicrobial-tolerant subpopulations in <i>Pseudomonas aeruginosa</i> biofilms. <i>Microbiology (United Kingdom)</i> , 2017, 161, 1010-1020.	1.7	29
87	Population Dynamics of an <i>Acinetobacter baumannii</i> Clonal Complex during Colonization of Patients. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3200-3208.	1.8	29
88	Acquisition of resistance to carbapenem and macrolide-mediated quorum sensing inhibition by <i>Pseudomonas aeruginosa</i> via ICETn43716385. <i>Communications Biology</i> , 2018, 1, 57.	2.0	29
89	Increased Intracellular Cyclic di-AMP Levels Sensitize <i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i> to Osmotic Stress and Reduce Biofilm Formation and Adherence on Intestinal Cells. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	29
90	Pleiotropic Effects of c-di-GMP Content in <i>Pseudomonas syringae</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	28

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91	Regulation of pqs quorum sensing via catabolite repression control in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 1931-1936.	0.7	27
92	A stable synergistic microbial consortium for simultaneous azo dye removal and bioelectricity generation. <i>Bioresource Technology</i> , 2014, 155, 71-76.	4.8	27
93	Matrix Polysaccharides and SiaD Diguanylate Cyclase Alter Community Structure and Competitiveness of <i>Pseudomonas aeruginosa</i> during Dual-Species Biofilm Development with <i>Staphylococcus aureus</i> . <i>MBio</i> , 2018, 9, .	1.8	27
94	Identification of a new gene PA5017 involved in flagella-mediated motility, chemotaxis and biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 2007, 272, 188-195.	0.7	26
95	Sodium Dodecyl Sulfate (SDS)-Loaded Nanoporous Polymer as Anti-Biofilm Surface Coating Material. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3050-3064.	1.8	26
96	Stress Resistance Development and Genome-Wide Transcriptional Response of <i>Escherichia coli</i> O157:H7 Adapted to Sublethal Thymol, Carvacrol, and <i>trans</i> -Cinnamaldehyde. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	26
97	Surface Immobilization of Nano-Silver on Polymeric Medical Devices to Prevent Bacterial Biofilm Formation. <i>Pathogens</i> , 2019, 8, 93.	1.2	26
98	Glutathione Activates Type III Secretion System Through Vfr in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 164.	1.8	26
99	Light-Triggered Nitric Oxide Release by a Photosensitizer to Combat Bacterial Biofilm Infections. <i>Chemistry - A European Journal</i> , 2021, 27, 5453-5460.	1.7	26
100	Potential of plant defense by bacterial outer membrane vesicles is mediated by membrane nanodomains. <i>Plant Cell</i> , 2022, 34, 395-417.	3.1	26
101	Repurposing the anticancer drug cisplatin with the aim of developing novel <i>Pseudomonas aeruginosa</i> infection control agents. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 3059-3069.	1.3	25
102	Formin nanoclustering-mediated actin assembly during plant flagellin and DSF signaling. <i>Cell Reports</i> , 2021, 34, 108884.	2.9	25
103	Near-infrared light-sensitive liposomes for enhanced plasmid DNA transfection. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 357-364.	3.9	23
104	Elevated intracellular cyclic-di-GMP level in <i>Shewanella oneidensis</i> increases expression of <i>c</i> -type cytochromes. <i>Microbial Biotechnology</i> , 2020, 13, 1904-1916.	2.0	23
105	The bacterial quorum sensing signal DSF hijacks <i>Arabidopsis thaliana</i> sterol biosynthesis to suppress plant innate immunity. <i>Life Science Alliance</i> , 2020, 3, e202000720.	1.3	23
106	Anthranilic acid from <i>Ralstonia solanacearum</i> plays dual roles in intraspecies signalling and inter-kingdom communication. <i>ISME Journal</i> , 2020, 14, 2248-2260.	4.4	21
107	Bacterial adaptation during chronic infection revealed by independent component analysis of transcriptomic data. <i>BMC Microbiology</i> , 2011, 11, 184.	1.3	20
108	Regulation of flagellar motor switching by c-di-GMP phosphodiesterases in <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 13789-13799.	1.6	20

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109	Energy efficient walking control for biped robots using interval type-2 fuzzy logic systems and optimized iteration algorithm. <i>ISA Transactions</i> , 2019, 87, 143-153.	3.1	20
110	<i>Pseudomonas aeruginosa</i> Oligoribonuclease Contributes to Tolerance to Ciprofloxacin by Regulating Pyocin Biosynthesis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	19
111	Antibody Treatment against Angiopoietin-Like 4 Reduces Pulmonary Edema and Injury in Secondary Pneumococcal Pneumonia. <i>MBio</i> , 2019, 10, .	1.8	19
112	rpoS-mutation variants are selected in <i>Pseudomonas aeruginosa</i> biofilms under imipenem pressure. <i>Cell and Bioscience</i> , 2021, 11, 138.	2.1	19
113	In Vitro Evaluation of Biofilm Dispersal as a Therapeutic Strategy To Restore Antimicrobial Efficacy. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	18
114	Transcriptomic analysis of KSHV-infected primary oral fibroblasts: The role of interferon-induced genes in the latency of oncogenic virus. <i>Oncotarget</i> , 2016, 7, 47052-47060.	0.8	18
115	Discovery of novel antimycobacterial drug therapy in biofilm of pathogenic nontuberculous mycobacterial keratitis. <i>Ocular Surface</i> , 2017, 15, 770-783.	2.2	17
116	Calcium-mediated Protein Folding and Stabilization of Salmonella Biofilm-associated Protein A. <i>Journal of Molecular Biology</i> , 2019, 431, 433-443.	2.0	17
117	The anti-cancerous drug doxorubicin decreases the c-di-GMP content in <i>Pseudomonas aeruginosa</i> but promotes biofilm formation. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1797-1807.	0.7	17
118	Insights into the Unique Lung Microbiota Profile of Pulmonary Tuberculosis Patients Using Metagenomic Next-Generation Sequencing. <i>Microbiology Spectrum</i> , 2022, 10, e0190121.	1.2	17
119	Metabolomics analysis of <i>Pseudomonas chlororaphis</i> JK12 algicidal activity under aerobic and micro-aerobic culture condition. <i>AMB Express</i> , 2018, 8, 131.	1.4	16
120	Integrated Genomic and Metabolomic Approach to the Discovery of Potential Anti-Quorum Sensing Natural Products from Microbes Associated with Marine Samples from Singapore. <i>Marine Drugs</i> , 2019, 17, 72.	2.2	16
121	Discovery, biosynthesis and antifungal mechanism of the polyene-polyol meijiemycin. <i>Chemical Communications</i> , 2020, 56, 822-825.	2.2	16
122	The novel coronavirus (COVID-19) pneumonia with negative detection of viral ribonucleic acid from nasopharyngeal swabs: a case report. <i>BMC Infectious Diseases</i> , 2020, 20, 317.	1.3	16
123	Identification of Microbiome Etiology Associated With Drug Resistance in Pleural Empyema. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 637018.	1.8	16
124	Glycopeptide antibiotic analogs for selective inactivation and two-photon imaging of vancomycin-resistant strains. <i>Chemical Communications</i> , 2016, 52, 4667-4670.	2.2	15
125	Chemical Biology Strategies for Biofilm Control. <i>Microbiology Spectrum</i> , 2015, 3, .	1.2	14
126	Recent progress in experimental and human disease-associated multi-species biofilms. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 1234-1244.	1.9	14



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127	Selection of hyperadherent mutants in <i>Pseudomonas putida</i> biofilms. <i>Microbiology (United Kingdom)</i> , 2011, 157, 2257-2265.	0.7	13
128	Draft Genome Sequence of the Model Naphthalene-Utilizing Organism <i>Pseudomonas putida</i> OUS82. <i>Genome Announcements</i> , 2014, 2, .	0.8	13
129	Gauging and Visualizing c-di-GMP Levels in <i>Pseudomonas aeruginosa</i> Using Fluorescence-Based Biosensors. <i>Methods in Molecular Biology</i> , 2017, 1657, 87-98.	0.4	13
130	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. <i>Biomaterials Science</i> , 2019, 7, 3594-3598.	2.6	13
131	NO donors and NO delivery methods for controlling biofilms in chronic lung infections. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3931-3954.	1.7	13
132	<i>In Vitro</i> and <i>In Vivo</i> Efficacy of an LpxC Inhibitor, CHIR-090, Alone or Combined with Colistin against <i>Pseudomonas aeruginosa</i> Biofilm. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	12
133	Mesoscopic Energy Minimization Drives <i>Pseudomonas aeruginosa</i> Biofilm Morphologies and Consequent Stratification of Antibiotic Activity Based on Cell Metabolism. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	12
134	Effects of Radix Ginseng on microbial infections: a narrative review. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2014, 34, 227-233.	0.4	11
135	Comparative Transcriptomics Unravels Prodigiosin's Potential Cancer-Specific Activity Between Human Small Airway Epithelial Cells and Lung Adenocarcinoma Cells. <i>Frontiers in Oncology</i> , 2018, 8, 573.	1.3	11
136	(1- <i>eryloxy</i> -2-hydroxypropyl)- <i>phenylpiperazine</i> derivatives suppress <i>Candida albicans</i> virulence by interfering with morphological transition. <i>Microbial Biotechnology</i> , 2018, 11, 1080-1089.	2.0	11
137	CDy14: a novel biofilm probe targeting exopolysaccharide Psl. <i>Chemical Communications</i> , 2018, 54, 11865-11868.	2.2	11
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