

Liang Yang

List of Publications by Year in descending order

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172
papers

10,494
citations

31976

53
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39675

94
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190
all docs

190
docs citations

190
times ranked

12528
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane nanodomains modulate formin condensation for actin remodeling in Arabidopsis innate immune responses. <i>Plant Cell</i> , 2022, 34, 374-394.	6.6	31
2	Potential of plant defense by bacterial outer membrane vesicles is mediated by membrane nanodomains. <i>Plant Cell</i> , 2022, 34, 395-417.	6.6	26
3	ECF Sigma Factor Hxul Is Critical for <i>In Vivo</i> Fitness of <i>Pseudomonas aeruginosa</i> during Infection. <i>Microbiology Spectrum</i> , 2022, 10, e0162021.	3.0	6
4	Biofilm control by interfering with c-di-GMP metabolism and signaling. <i>Biotechnology Advances</i> , 2022, 56, 107915.	11.7	39
5	<i>Pseudomonas aeruginosa</i> modulates alginate biosynthesis and type VI secretion system in two critically ill COVID-19 patients. <i>Cell and Bioscience</i> , 2022, 12, 14.	4.8	8
6	Insights into the Unique Lung Microbiota Profile of Pulmonary Tuberculosis Patients Using Metagenomic Next-Generation Sequencing. <i>Microbiology Spectrum</i> , 2022, 10, e0190121.	3.0	17
7	Psl-Dependent Cooperation Contributes to Drug Resistance of <i>Pseudomonas aeruginosa</i> in Dual-Species Biofilms with <i>Acinetobacter baumannii</i> . <i>ACS Infectious Diseases</i> , 2022, 8, 129-136.	3.8	2
8	The c-di-GMP Phosphodiesterase PipA (PA0285) Regulates Autoaggregation and Pf4 Bacteriophage Production in <i>Pseudomonas aeruginosa</i> PAO1. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	10
9	Light-Triggered Nitric Oxide Release by a Photosensitizer to Combat Bacterial Biofilm Infections. <i>Chemistry - A European Journal</i> , 2021, 27, 5453-5460.	3.3	26
10	The Pyocin Regulator PrtR Regulates Virulence Expression of <i>Pseudomonas aeruginosa</i> by Modulation of Gac/Rsm System and c-di-GMP Signaling Pathway. <i>Infection and Immunity</i> , 2021, 89, .	2.2	5
11	Salicylic acid regulates PIN2 auxin transporter hyperclustering and root gravitropic growth via Remorin-dependent lipid nanodomain organization in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2021, 229, 963-978.	7.3	40
12	T6SS Mediated Stress Responses for Bacterial Environmental Survival and Host Adaptation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 478.	4.1	33
13	Identification of Microbiome Etiology Associated With Drug Resistance in Pleural Empyema. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 637018.	3.9	16
14	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.	3.9	56
15	Formin nanoclustering-mediated actin assembly during plant flagellin and DSF signaling. <i>Cell Reports</i> , 2021, 34, 108884.	6.4	25
16	NO donors and NO delivery methods for controlling biofilms in chronic lung infections. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3931-3954.	3.6	13
17	rpoS-mutation variants are selected in <i>Pseudomonas aeruginosa</i> biofilms under imipenem pressure. <i>Cell and Bioscience</i> , 2021, 11, 138.	4.8	19
18	Xanthomonas effector XopR hijacks host actin cytoskeleton via complex coacervation. <i>Nature Communications</i> , 2021, 12, 4064.	12.8	34

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19	Disruption of the <i>Pseudomonas aeruginosa</i> Tat system perturbs PQS-dependent quorum sensing and biofilm maturation through lack of the Rieseke cytochrome bc1 sub-unit. <i>PLoS Pathogens</i> , 2021, 17, e1009425.	4.7	8
20	Development and Quantitation of <i>Pseudomonas aeruginosa</i> Biofilms after in vitro cultivation in Flow-reactors. <i>Bio-protocol</i> , 2021, 11, e4126.	0.4	1
21	Systematic analysis of supervised machine learning as an effective approach to predicate β -lactam resistance phenotype in <i>Streptococcus pneumoniae</i> . <i>Briefings in Bioinformatics</i> , 2020, 21, 1347-1355.	6.5	8
22	Discovery, biosynthesis and antifungal mechanism of the polyene-polyol meijiemycin. <i>Chemical Communications</i> , 2020, 56, 822-825.	4.1	16
23	Sex Steroids Induce Membrane Stress Responses and Virulence Properties in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2020, 11, .	4.1	10
24	Elevated intracellular cyclic c-di-GMP level in <i>Shewanella oneidensis</i> increases expression of c-type cytochromes. <i>Microbial Biotechnology</i> , 2020, 13, 1904-1916.	4.2	23
25	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.	9.8	21
26	RNA G-Quadruplex Structures Mediate Gene Regulation in Bacteria. <i>MBio</i> , 2020, 11, .	4.1	52
27	Synthetic biohybrid peptidoglycan oligomers enable pan-bacteria-specific labeling and imaging: <i>in vitro</i> and <i>in vivo</i> . <i>Chemical Science</i> , 2020, 11, 3171-3179.	7.4	7
28	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.	2.9	16
29	Integrated Comparative Genomic Analysis and Phenotypic Profiling of <i>Pseudomonas aeruginosa</i> Isolates From Crude Oil. <i>Frontiers in Microbiology</i> , 2020, 11, 519.	3.5	9
30	Molecular and Systems Biology Approaches for Analyzing Drug-Tolerant Bacterial Persister Cells. <i>Sustainable Agriculture Reviews</i> , 2020, , 109-128.	1.1	1
31	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.	2.8	23
32	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.	3.4	20
33	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. <i>Biomaterials Science</i> , 2019, 7, 3594-3598.	5.4	13
34	Surface Immobilization of Nano-Silver on Polymeric Medical Devices to Prevent Bacterial Biofilm Formation. <i>Pathogens</i> , 2019, 8, 93.	2.8	26
35	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.	7.1	102
36	Recent progress in experimental and human disease-associated multi-species biofilms. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 1234-1244.	4.1	14

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37	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.	6.4	60
38	The MapZ-Mediated Methylation of Chemoreceptors Contributes to Pathogenicity of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 67.	3.5	8
39	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.	4.6	16
40	Antibody Treatment against Angiotensin-Like 4 Reduces Pulmonary Edema and Injury in Secondary Pneumococcal Pneumonia. <i>MBio</i> , 2019, 10, .	4.1	19
41	Glutathione Activates Type III Secretion System Through <i>Vfr</i> in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 164.	3.9	26
42	Protective Action of Linear Polyethylenimine against <i>Staphylococcus aureus</i> Colonization and Exaggerated Inflammation <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 1411-1422.	3.8	8
43	Pleiotropic Effects of c-di-GMP Content in <i>Pseudomonas syringae</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	28
44	Adaptive tracking control of a nonlinear teleoperation system with uncertainties in kinematics and dynamics. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401983817.	1.6	3
45	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.	7.1	99
46	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.	5.7	20
47	Calcium-mediated Protein Folding and Stabilization of Salmonella Biofilm-associated Protein A. <i>Journal of Molecular Biology</i> , 2019, 431, 433-443.	4.2	17
48	Molecular insights into the master regulator CysB-mediated bacterial virulence in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2019, 111, 1195-1210.	2.5	10
49	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, .	2.2	29
50	Spermidine plays a significant role in stabilizing a master transcription factor Clp to promote antifungal activity in <i>Lysobacter enzymogenes</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1811-1822.	3.6	7
51	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.	3.3	46
52	A novel two-component system modulates quorum sensing and pathogenicity in <i>Burkholderia cenocepacia</i> . <i>Molecular Microbiology</i> , 2018, 108, 32-44.	2.5	30
53	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.	3.3	60
54	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.	0.7	90

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55	Ribosome protection by antibiotic resistance ATP-binding cassette protein. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5157-5162.	7.1	83
56	Mesoscopic Energy Minimization Drives Pseudomonas aeruginosa Biofilm Morphologies and Consequent Stratification of Antibiotic Activity Based on Cell Metabolism. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	12
57	Engineering of bacterial electrochemical activity with global regulator manipulation. Electrochemistry Communications, 2018, 86, 117-120.	4.7	10
58	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> . MBio, 2018, 9, .	4.1	27
59	Repurposing the anticancer drug cisplatin with the aim of developing novel <i>Pseudomonas aeruginosa</i> infection control agents. Beilstein Journal of Organic Chemistry, 2018, 14, 3059-3069.	2.2	25
60	Comparative Transcriptomics Unravels Prodigiosin's Potential Cancer-Specific Activity Between Human Small Airway Epithelial Cells and Lung Adenocarcinoma Cells. Frontiers in Oncology, 2018, 8, 573.	2.8	11
61	Stress Resistance Development and Genome-Wide Transcriptional Response of Escherichia coli O157:H7 Adapted to Sublethal Thymol, Carvacrol, and <i>trans</i> -Cinnamaldehyde. Applied and Environmental Microbiology, 2018, 84, .	3.1	26
62	(1- <i>acryloyl</i> -2-hydroxypropyl)- <i>phenyl</i> piperazine derivatives suppress <i>Candida albicans</i> virulence by interfering with morphological transition. Microbial Biotechnology, 2018, 11, 1080-1089.	4.2	11
63	Metabolomics analysis of Pseudomonas chlororaphis JK12 algicidal activity under aerobic and micro-aerobic culture condition. AMB Express, 2018, 8, 131.	3.0	16
64	CDy14: a novel biofilm probe targeting exopolysaccharide Psl. Chemical Communications, 2018, 54, 11865-11868.	4.1	11
65	Hinduchelins A-D, Noncytotoxic Catechol Derivatives from Streptoalloteichus hindustanus. Journal of Natural Products, 2018, 81, 1493-1496.	3.0	4
66	Characterization of a novel multidrug resistance plasmid pSGB23 isolated from Salmonella enterica subspecies enterica serovar Saintpaul. Gut Pathogens, 2018, 10, 20.	3.4	6
67	Regulation of Virus-Associated Lymphoma Growth and Gene Expression by Bacterial Quorum-Sensing Molecules. Journal of Virology, 2018, 92, .	3.4	5
68	Acquisition of resistance to carbapenem and macrolide-mediated quorum sensing inhibition by Pseudomonas aeruginosa via ICETn43716385. Communications Biology, 2018, 1, 57.	4.4	29
69	Block Copolymer Nanoparticles Remove Biofilms of Drug-Resistant Gram-Positive Bacteria by Nanoscale Bacterial Debridement. Nano Letters, 2018, 18, 4180-4187.	9.1	113
70	Itaconimides as Novel Quorum Sensing Inhibitors of Pseudomonas aeruginosa. Frontiers in Cellular and Infection Microbiology, 2018, 8, 443.	3.9	43
71	Pseudomonas aeruginosa Oligoribonuclease Contributes to Tolerance to Ciprofloxacin by Regulating Pyocin Biosynthesis. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	19
72	Real Time, Spatial, and Temporal Mapping of the Distribution of c-di-GMP during Biofilm Development. Journal of Biological Chemistry, 2017, 292, 477-487.	3.4	32

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73	Biofilms: Microbial Cities Wherein Flow Shapes Competition. Trends in Microbiology, 2017, 25, 331-332.	7.7	7
74	<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. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	12
75	Anti-bacterial properties of collagen-coated glass and polydimethylsiloxane substrates. Journal of Materials Science, 2017, 52, 9963-9978.	3.7	4
76	Enzyme-responsive reporter molecules for selective localization and fluorescence imaging of pathogenic biofilms. Chemical Communications, 2017, 53, 3330-3333.	4.1	38
77	Disulfide Bond-Containing Ajoene Analogues As Novel Quorum Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . Journal of Medicinal Chemistry, 2017, 60, 215-227.	6.4	98
78	Metagenomic and metatranscriptomic analysis of saliva reveals disease-associated microbiota in patients with periodontitis and dental caries. Npj Biofilms and Microbiomes, 2017, 3, 23.	6.4	109
79	Quantitative analysis of actin filament assembly in yeast and plant by live cell fluorescence microscopy. Micron, 2017, 103, 78-83.	2.2	2
80	The rapid <i>in vivo</i> evolution of <i>Pseudomonas aeruginosa</i> in ventilator-associated pneumonia patients leads to attenuated virulence. Open Biology, 2017, 7, 170029.	3.6	50
81	Gauging and Visualizing c-di-GMP Levels in <i>Pseudomonas aeruginosa</i> Using Fluorescence-Based Biosensors. Methods in Molecular Biology, 2017, 1657, 87-98.	0.9	13
82	<i>In Vitro</i> Evaluation of Biofilm Dispersal as a Therapeutic Strategy To Restore Antimicrobial Efficacy. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	18
83	A Linker for the Solid-Phase Synthesis of Hydroxamic Acids and Identification of HDAC6 Inhibitors. ACS Combinatorial Science, 2017, 19, 657-669.	3.8	6
84	Antimicrobial Activity and Cell Selectivity of Synthetic and Biosynthetic Cationic Polymers. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	51
85	Complete Genome Sequence of <i>Bacillus altitudinis</i> Type Strain SGAir0031 Isolated from Tropical Air Collected in Singapore. Genome Announcements, 2017, 5, .	0.8	9
86	Mechanistic action of weak acid drugs on biofilms. Scientific Reports, 2017, 7, 4783.	3.3	40
87	Discovery of novel antimycobacterial drug therapy in biofilm of pathogenic nontuberculous mycobacterial keratitis. Ocular Surface, 2017, 15, 770-783.	4.4	17
88	<i>Pseudomonas aeruginosa</i> Psl Exopolysaccharide Interacts with the Antimicrobial Peptide LG21. Water (Switzerland), 2017, 9, 681.	2.7	4
89	Reduced Intracellular c-di-GMP Content Increases Expression of Quorum Sensing-Regulated Genes in <i>Pseudomonas aeruginosa</i> . Frontiers in Cellular and Infection Microbiology, 2017, 7, 451.	3.9	61
90	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. Chemical Engineering Journal, 2017, 326, 462-469.	12.7	46

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91	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.	3.9	58
92	Near-Infrared light-sensitive liposomes for enhanced plasmid DNA transfection. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 357-364.	7.1	23
93	Mechanical signatures of microbial biofilms in micropillar-embedded growth chambers. <i>Soft Matter</i> , 2016, 12, 5224-5232.	2.7	7
94	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.	3.0	33
95	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.	3.4	40
96	A cyclic di-GMP-binding adaptor protein interacts with a chemotaxis methyltransferase to control flagellar motor switching. <i>Science Signaling</i> , 2016, 9, ra102.	3.6	61
97	Reactive oxygen species drive evolution of pro-biofilm variants in pathogens by modulating cyclic-di-GMP levels. <i>Open Biology</i> , 2016, 6, 160162.	3.6	62
98	Selective labelling and eradication of antibiotic-tolerant bacterial populations in <i>Pseudomonas aeruginosa</i> biofilms. <i>Nature Communications</i> , 2016, 7, 10750.	12.8	137
99	Glycopeptide antibiotic analogs for selective inactivation and two-photon imaging of vancomycin-resistant strains. <i>Chemical Communications</i> , 2016, 52, 4667-4670.	4.1	15
100	Biofilms of Pathogenic Nontuberculous Mycobacteria Targeted by New Therapeutic Approaches. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 24-35.	3.2	53
101	Detection of Pathogenic Biofilms with Bacterial Amyloid Targeting Fluorescent Probe, CDy11. <i>Journal of the American Chemical Society</i> , 2016, 138, 402-407.	13.7	82
102	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.	1.8	17
103	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.	1.8	18
104	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.	3.0	63
105	Chemical Biology Strategies for Biofilm Control. <i>Microbiology Spectrum</i> , 2015, 3, .	3.0	14
106	In Situ Mapping of the Mechanical Properties of Biofilms by Particle-tracking Microrheology. <i>Journal of Visualized Experiments</i> , 2015, , e53093.	0.3	5
107	In silico analyses of metagenomes from human atherosclerotic plaque samples. <i>Microbiome</i> , 2015, 3, 38.	11.1	87
108	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.	4.1	44

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109	Anditalea andensis ANESC-ST - An Alkaliphilic Halotolerant Bacterium Capable of Electricity Generation under Alkaline-Saline Conditions. PLoS ONE, 2015, 10, e0132766.	2.5	7
110	Metabolite-enabled mutualistic interaction between Shewanella oneidensis and Escherichia coli in a co-culture using an electrode as electron acceptor. Scientific Reports, 2015, 5, 11222.	3.3	35
111	C-di-GMP regulates Pseudomonas aeruginosa stress response to tellurite during both planktonic and biofilm modes of growth. Scientific Reports, 2015, 5, 10052.	3.3	72
112	Complete Genome Sequence and Transcriptomic Analysis of the Novel Pathogen Elizabethkingia anophelis in Response to Oxidative Stress. Genome Biology and Evolution, 2015, 7, 1676-1685.	2.5	34
113	Extracellular biogenic nanomaterials inhibit pyoverdine production in Pseudomonas aeruginosa: a novel insight into impacts of metal(loid)s on environmental bacteria. Applied Microbiology and Biotechnology, 2015, 99, 1957-1966.	3.6	10
114	Functional Amyloids Keep Quorum-sensing Molecules in Check. Journal of Biological Chemistry, 2015, 290, 6457-6469.	3.4	70
115	In vitro and in vivo generation and characterization of Pseudomonas aeruginosa biofilm "dispersed cells via c-di-GMP manipulation. Nature Protocols, 2015, 10, 1165-1180.	12.0	63
116	Multiple diguanylate cyclase-coordinated regulation of pyoverdine synthesis in Pseudomonas aeruginosa. Environmental Microbiology Reports, 2015, 7, 498-507.	2.4	47
117	PslG, a self-produced glycosyl hydrolase, triggers biofilm disassembly by disrupting exopolysaccharide matrix. Cell Research, 2015, 25, 1352-1367.	12.0	123
118	Synergistic Microbial Consortium for Bioenergy Generation from Complex Natural Energy Sources. Scientific World Journal, The, 2014, 2014, 1-5.	2.1	1
119	Draft Genome Sequence of the Model Naphthalene-Utilizing Organism Pseudomonas putida OUS82. Genome Announcements, 2014, 2, .	0.8	13
120	Dynamic Remodeling of Microbial Biofilms by Functionally Distinct Exopolysaccharides. MBio, 2014, 5, e01536-14.	4.1	142
121	Biogenic tellurium nanorods as a novel antivirulence agent inhibiting pyoverdine production in Pseudomonas aeruginosa. Biotechnology and Bioengineering, 2014, 111, 858-865.	3.3	34
122	Dispersed cells represent a distinct stage in the transition from bacterial biofilm to planktonic lifestyles. Nature Communications, 2014, 5, 4462.	12.8	294
123	Emerging frontiers in detection and control of bacterial biofilms. Current Opinion in Biotechnology, 2014, 26, 1-6.	6.6	83
124	Comparative Systems Biology Analysis To Study the Mode of Action of the Isothiocyanate Compound Iberin on Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2014, 58, 6648-6659.	3.2	43
125	Effects of Radix Ginseng on microbial infections: a narrative review. 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, 2014, 34, 227-233.	0.4	11
126	Population Dynamics of an Acinetobacter baumannii Clonal Complex during Colonization of Patients. Journal of Clinical Microbiology, 2014, 52, 3200-3208.	3.9	29

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127	Comparative Genomic Analysis of Malaria Mosquito Vector-Associated Novel Pathogen <i>Elizabethkingia anophelis</i> . <i>Genome Biology and Evolution</i> , 2014, 6, 1158-1165.	2.5	52
128	A stable synergistic microbial consortium for simultaneous azo dye removal and bioelectricity generation. <i>Bioresource Technology</i> , 2014, 155, 71-76.	9.6	27
129	<i>E. anophelis</i> outbreak in an intensive-care unit – Authors' reply. <i>Lancet, The</i> , 2013, 382, 2064-2065.	13.7	1
130	First case of <i>E. anophelis</i> outbreak in an intensive-care unit. <i>Lancet, The</i> , 2013, 382, 855-856.	13.7	78
131	Influence of outer membrane cytochromes on particle size and activity of extracellular nanoparticles produced by <i>Shewanella oneidensis</i> . <i>Biotechnology and Bioengineering</i> , 2013, 110, 1831-1837.	3.3	72
132	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.	11.3	161
133	High in vitro antimicrobial activity of β -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.	2.5	38
134	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.	2.5	42
135	Sodium Dodecyl Sulfate (SDS)-Loaded Nanoporous Polymer as Anti-Biofilm Surface Coating Material. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3050-3064.	4.1	26
136	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.	3.2	113
137	Bis-(3 β -5 β)-Cyclic Dimeric GMP Regulates Antimicrobial Peptide Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2066-2075.	3.2	93
138	High β -Lactamase Levels Change the Pharmacodynamics of β -Lactam Antibiotics in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 196-204.	3.2	69
139	Regulation of pqs quorum sensing via catabolite repression control in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 1931-1936.	1.8	27
140	Engineering PQS Biosynthesis Pathway for Enhancement of Bioelectricity Production in <i>Pseudomonas aeruginosa</i> Microbial Fuel Cells. <i>PLoS ONE</i> , 2013, 8, e63129.	2.5	65
141	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> , 2013, 159, 1931-1936.	1.8	27
142	<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.	3.3	35
143	Combating biofilms. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 146-157.	2.7	163
144	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

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145	Current understanding of multi-species biofilms. <i>International Journal of Oral Science</i> , 2011, 3, 74-81.	8.6	162
146	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.	27.0	392
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