

Susanne Häußler

List of Publications by Year in descending order

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131
papers

7,402
citations

50276

46
h-index

66911

78
g-index

137
all docs

137
docs citations

137
times ranked

8388
citing authors

#	ARTICLE	IF	CITATIONS
1	Quorum-Sensing Antagonistic Activities of Azithromycin in <i>Pseudomonas aeruginosa</i> PAO1: a Global Approach. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1680-1688.	3.2	279
2	β -Lactam Resistance Response Triggered by Inactivation of a Nonessential Penicillin-Binding Protein. <i>PLoS Pathogens</i> , 2009, 5, e1000353.	4.7	258
3	The <i>Pseudomonas aeruginosa</i> quinolone signal (PQS) has an iron-chelating activity. <i>Environmental Microbiology</i> , 2006, 8, 1318-1329.	3.8	239
4	The <i>Pseudomonas aeruginosa</i> Transcriptome in Planktonic Cultures and Static Biofilms Using RNA Sequencing. <i>PLoS ONE</i> , 2012, 7, e31092.	2.5	212
5	The <i>Pseudomonas</i> Quinolone Signal (PQS) Balances Life and Death in <i>Pseudomonas aeruginosa</i> Populations. <i>PLoS Pathogens</i> , 2008, 4, e1000166.	4.7	205
6	<i>Pseudomonas aeruginosa</i> Ceftolozane-Tazobactam Resistance Development Requires Multiple Mutations Leading to Overexpression and Structural Modification of AmpC. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3091-3099.	3.2	197
7	Highly adherent small-colony variants of <i>Pseudomonas aeruginosa</i> in cystic fibrosis lung infection. <i>Journal of Medical Microbiology</i> , 2003, 52, 295-301.	1.8	194
8	Global regulation of gene expression by OxyR in an important human opportunistic pathogen. <i>Nucleic Acids Research</i> , 2012, 40, 4320-4333.	14.5	189
9	Quantitative image analysis of microbial communities with BiofilmQ. <i>Nature Microbiology</i> , 2021, 6, 151-156.	13.3	181
10	IL-17 α -induced CXCL12 recruits B cells and induces follicle formation in BALT in the absence of differentiated FDCs. <i>Journal of Experimental Medicine</i> , 2014, 211, 643-651.	8.5	159
11	RhlR Expression in <i>Pseudomonas aeruginosa</i> Is Modulated by the <i>Pseudomonas</i> Quinolone Signal via PhoB-Dependent and -Independent Pathways. <i>Journal of Bacteriology</i> , 2006, 188, 8601-8606.	2.2	141
12	Elucidation of Sigma Factor-Associated Networks in <i>Pseudomonas aeruginosa</i> Reveals a Modular Architecture with Limited and Function-Specific Crosstalk. <i>PLoS Pathogens</i> , 2015, 11, e1004744.	4.7	134
13	Critical Assessment of Metagenome Interpretation: the second round of challenges. <i>Nature Methods</i> , 2022, 19, 429-440.	19.0	133
14	Quantitative Contributions of Target Alteration and Decreased Drug Accumulation to <i>Pseudomonas aeruginosa</i> Fluoroquinolone Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1361-1368.	3.2	130
15	7-O-Malonyl Macrolactin A, a New Macrolactin Antibiotic from <i>Bacillus subtilis</i> Active against Methicillin-Resistant <i>Staphylococcus aureus</i> , Vancomycin-Resistant Enterococci, and a Small-Colony Variant of <i>Burkholderia cepacia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1701-1709.	3.2	129
16	Biofilm formation by the small colony variant phenotype of <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2004, 6, 546-551.	3.8	124
17	A 96-well-plate-based optical method for the quantitative and qualitative evaluation of <i>Pseudomonas aeruginosa</i> biofilm formation and its application to susceptibility testing. <i>Nature Protocols</i> , 2010, 5, 1460-1469.	12.0	119
18	Arginine-rhamnosylation as new strategy to activate translation elongation factor P. <i>Nature Chemical Biology</i> , 2015, 11, 266-270.	8.0	116

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19	Biosynthetic Pathway of <i>Pseudomonas aeruginosa</i> 4-Hydroxy-2-Alkylquinolines. <i>Journal of Bacteriology</i> , 2005, 187, 3630-3635.	2.2	115
20	Validation of PqsD as an Anti-biofilm Target in <i>Pseudomonas aeruginosa</i> by Development of Small-Molecule Inhibitors. <i>Journal of the American Chemical Society</i> , 2012, 134, 16143-16146.	13.7	113
21	Predicting antimicrobial resistance in <i>Pseudomonas aeruginosa</i> with machine learning-enabled molecular diagnostics. <i>EMBO Molecular Medicine</i> , 2020, 12, e10264.	6.9	111
22	Discovery of Antagonists of PqsR, a Key Player in 2-Alkyl-4-quinolone-Dependent Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Chemistry and Biology</i> , 2012, 19, 381-390.	6.0	110
23	Genomewide Identification of Genetic Determinants of Antimicrobial Drug Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2522-2531.	3.2	108
24	<i>Pseudomonas aeruginosa</i> cupA-encoded fimbriae expression is regulated by a GGDEF and EAL domain-dependent modulation of the intracellular level of cyclic diguanylate. <i>Environmental Microbiology</i> , 2007, 9, 2475-2485.	3.8	107
25	The LasB Elastase of <i>Pseudomonas aeruginosa</i> Acts in Concert with Alkaline Protease AprA To Prevent Flagellin-Mediated Immune Recognition. <i>Infection and Immunity</i> , 2016, 84, 162-171.	2.2	106
26	The YfiBNR Signal Transduction Mechanism Reveals Novel Targets for the Evolution of Persistent <i>Pseudomonas aeruginosa</i> in Cystic Fibrosis Airways. <i>PLoS Pathogens</i> , 2012, 8, e1002760.	4.7	105
27	<i>Pseudomonas aeruginosa</i> population structure revisited under environmental focus: impact of water quality and phage pressure. <i>Environmental Microbiology</i> , 2012, 14, 1952-1967.	3.8	104
28	Production of medium chain length polyhydroxyalkanoate in metabolic flux optimized <i>Pseudomonas putida</i> . <i>Microbial Cell Factories</i> , 2014, 13, 88.	4.0	98
29	Genetic determinants of <i>Pseudomonas aeruginosa</i> biofilm establishment. <i>Microbiology (United Kingdom)</i> 10.1093/mic/dgaa014	1.8	97
30	Expression Analysis of a Highly Adherent and Cytotoxic Small Colony Variant of <i>Pseudomonas aeruginosa</i> Isolated from a Lung of a Patient with Cystic Fibrosis. <i>Journal of Bacteriology</i> , 2004, 186, 3837-3847.	2.2	93
31	Phenotypic and Genome-Wide Analysis of an Antibiotic-Resistant Small Colony Variant (SCV) of <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2011, 6, e29276.	2.5	81
32	The <i>Pseudomonas aeruginosa</i> Transcriptional Landscape Is Shaped by Environmental Heterogeneity and Genetic Variation. <i>MBio</i> , 2015, 6, e00749.	4.1	73
33	Genetically diverse <i>Pseudomonas aeruginosa</i> populations display similar transcriptomic profiles in a cystic fibrosis explanted lung. <i>Nature Communications</i> , 2019, 10, 3397.	12.8	68
34	Transcriptome Profiling of Antimicrobial Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4722-4733.	3.2	67
35	Inter- and Intraclonal Diversity of the <i>Pseudomonas aeruginosa</i> Proteome Manifests within the Secretome. <i>Journal of Bacteriology</i> , 2003, 185, 5807-5814.	2.2	65
36	Structure of an Acidic Exopolysaccharide of <i>Burkholderia pseudomallei</i> . <i>FEBS Journal</i> , 1997, 250, 608-616.	0.2	63

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37	<i>In Vivo</i> mRNA Profiling of Uropathogenic <i>Escherichia coli</i> from Diverse Phylogroups Reveals Common and Group-Specific Gene Expression Profiles. <i>MBio</i> , 2014, 5, e01075-14.	4.1	63
38	<i>aroA</i> -Deficient <i>Salmonella enterica</i> Serovar Typhimurium Is More Than a Metabolically Attenuated Mutant. <i>MBio</i> , 2016, 7, .	4.1	62
39	Biofilms 2012: New Discoveries and Significant Wrinkles in a Dynamic Field. <i>Journal of Bacteriology</i> , 2013, 195, 2947-2958.	2.2	59
40	The <i>Pseudomonas aeruginosa</i> Chemotaxis Methyltransferase CheR1 Impacts on Bacterial Surface Sampling. <i>PLoS ONE</i> , 2011, 6, e18184.	2.5	59
41	Structure Elucidation and Preliminary Assessment of Hydrolase Activity of PqsE, the <i>Pseudomonas</i> Quinolone Signal (PQS) Response Protein. <i>Biochemistry</i> , 2009, 48, 10298-10307.	2.5	57
42	The PqsR and RhIR Transcriptional Regulators Determine the Level of <i>Pseudomonas aeruginosa</i> Quinolone Signal Synthesis in <i>Pseudomonas aeruginosa</i> by Producing Two Different <i>pqsABCDE</i> mRNA Isoforms. <i>Journal of Bacteriology</i> , 2014, 196, 4163-4171.	2.2	57
43	The extensive set of accessory <i>Pseudomonas aeruginosa</i> genomic components. <i>FEMS Microbiology Letters</i> , 2014, 356, 235-241.	1.8	55
44	Identification of the Alternative Sigma Factor SigX Regulon and Its Implications for <i>Pseudomonas aeruginosa</i> Pathogenicity. <i>Journal of Bacteriology</i> , 2014, 196, 345-356.	2.2	55
45	Cross talk between the response regulators PhoB and TctD allows for the integration of diverse environmental signals in <i>Pseudomonas aeruginosa</i> . <i>Nucleic Acids Research</i> , 2015, 43, 6413-6425.	14.5	54
46	Regulation of Flagellum Biosynthesis in Response to Cell Envelope Stress in <i>Salmonella enterica</i> Serovar Typhimurium. <i>MBio</i> , 2018, 9, .	4.1	53
47	A chemical proteomics approach to identify c-di-GMP binding proteins in <i>Pseudomonas aeruginosa</i> . <i>Journal of Microbiological Methods</i> , 2012, 88, 229-236.	1.6	52
48	Multiple roles of <i>Pseudomonas aeruginosa</i> TBCF10839 PilY1 in motility, transport and infection. <i>Molecular Microbiology</i> , 2009, 71, 730-747.	2.5	50
49	Biofilms 2009: New Perspectives at the Heart of Surface-Associated Microbial Communities. <i>Journal of Bacteriology</i> , 2010, 192, 2941-2949.	2.2	50
50	The virulence factor LecB varies in clinical isolates: consequences for ligand binding and drug discovery. <i>Chemical Science</i> , 2016, 7, 4990-5001.	7.4	50
51	Constitutive production of c-di-GMP is associated with mutations in a variant of <i>Pseudomonas aeruginosa</i> with altered membrane composition. <i>Science Signaling</i> , 2015, 8, ra36.	3.6	49
52	Mining zebrafish microbiota reveals key community-level resistance against fish pathogen infection. <i>ISME Journal</i> , 2021, 15, 702-719.	9.8	49
53	Evolutionary conservation of essential and highly expressed genes in <i>Pseudomonas aeruginosa</i> . <i>BMC Genomics</i> , 2010, 11, 234.	2.8	48
54	Contribution of <i>Veillonella parvula</i> to <i>Pseudomonas aeruginosa</i> -Mediated Pathogenicity in a Murine Tumor Model System. <i>Infection and Immunity</i> , 2015, 83, 417-429.	2.2	47

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55	Inoculation density and nutrient level determine the formation of mushroom-shaped structures in <i>Pseudomonas aeruginosa</i> biofilms. <i>Scientific Reports</i> , 2016, 6, 32097.	3.3	47
56	cGAS-Mediated Innate Immunity Spreads Intercellularly through HIV-1 Env-Induced Membrane Fusion Sites. <i>Cell Host and Microbe</i> , 2016, 20, 443-457.	11.0	46
57	Highly resistant <i>Burkholderia pseudomallei</i> small colony variants isolated in vitro and in experimental melioidosis. <i>Medical Microbiology and Immunology</i> , 1999, 188, 91-97.	4.8	45
58	Cross-regulation by CrcZ RNA controls anoxic biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2016, 6, 39621.	3.3	45
59	Use of Single-Frequency Impedance Spectroscopy to Characterize the Growth Dynamics of Biofilm Formation in <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2017, 7, 5223.	3.3	44
60	RNASeq Based Transcriptional Profiling of <i>Pseudomonas aeruginosa</i> PA14 after Short- and Long-Term Anoxic Cultivation in Synthetic Cystic Fibrosis Sputum Medium. <i>PLoS ONE</i> , 2016, 11, e0147811.	2.5	42
61	An oral multispecies biofilm model for high content screening applications. <i>PLoS ONE</i> , 2017, 12, e0173973.	2.5	42
62	<i>Ex vivo</i> transcriptional profiling reveals a common set of genes important for the adaptation of <i>Pseudomonas aeruginosa</i> to chronically infected host sites. <i>Environmental Microbiology</i> , 2013, 15, 570-587.	3.8	41
63	Recent Advances and Current Trends in Nucleotide Second Messenger Signaling in Bacteria. <i>Journal of Molecular Biology</i> , 2019, 431, 908-927.	4.2	41
64	Effects of Green Tea Compound Epigallocatechin-3-Gallate against <i>Stenotrophomonas maltophilia</i> Infection and Biofilm. <i>PLoS ONE</i> , 2014, 9, e92876.	2.5	40
65	Human airway mucus alters susceptibility of <i>Pseudomonas aeruginosa</i> biofilms to tobramycin, but not colistin. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2762-2769.	3.0	39
66	BACTOME™ a reference database to explore the sequence- and gene expression-variation landscape of <i>Pseudomonas aeruginosa</i> clinical isolates. <i>Nucleic Acids Research</i> , 2019, 47, D716-D720.	14.5	38
67	Multicellular signalling and growth of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Medical Microbiology</i> , 2010, 300, 544-548.	3.6	37
68	Parallel evolutionary paths to produce more than one <i>Pseudomonas aeruginosa</i> biofilm phenotype. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 2.	6.4	36
69	Extensively Drug-Resistant <i>Pseudomonas aeruginosa</i> Isolates Containing <i>bla</i> _{VIM-2} and Elements of Salmonella Genomic Island 2: a New Genetic Resistance Determinant in Northeast Ohio. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5929-5935.	3.2	34
70	Biofilm formation by <i>Pseudomonas aeruginosa</i> in solid murine tumors – a novel model system. <i>Microbes and Infection</i> , 2012, 14, 951-958.	1.9	32
71	Identification of a <i>Pseudomonas aeruginosa</i> PAO1 DNA Methyltransferase, Its Targets, and Physiological Roles. <i>MBio</i> , 2017, 8, .	4.1	32
72	Deep transcriptome profiling of clinical <i>Klebsiella pneumoniae</i> isolates reveals strain and sequence type-specific adaptation. <i>Environmental Microbiology</i> , 2015, 17, 4690-4710.	3.8	31

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73	Azetidine-Containing Alkaloids Produced by a Quorum-Sensing Regulated Nonribosomal Peptide Synthetase Pathway in <i>Pseudomonas aeruginosa</i> . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3178-3182.	13.8	31
74	Mutation in Elongation Factor G Confers Resistance to the Antibiotic Argyrin in the Opportunistic Pathogen <i>Pseudomonas aeruginosa</i> . <i>ChemBioChem</i> , 2012, 13, 2339-2345.	2.6	30
75	In Vivo Efficacy of Antimicrobials against Biofilm-Producing <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4974-4981.	3.2	30
76	An orphan sensor kinase controls quinolone signal production via MexT in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2012, 83, 536-547.	2.5	29
77	Insights into host-pathogen interactions from state-of-the-art animal models of respiratory <i>Pseudomonas aeruginosa</i> infections. <i>FEBS Letters</i> , 2016, 590, 3941-3959.	2.8	29
78	Detrimental Effect of Type I IFNs During Acute Lung Infection With <i>Pseudomonas aeruginosa</i> Is Mediated Through the Stimulation of Neutrophil NETosis. <i>Frontiers in Immunology</i> , 2019, 10, 2190.	4.8	29
79	Neutrophil elastase-mediated increase in airway temperature during inflammation. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 623-631.	0.7	26
80	The Core Proteome of Biofilm-Grown Clinical <i>Pseudomonas aeruginosa</i> Isolates. <i>Cells</i> , 2019, 8, 1129.	4.1	26
81	Establishment of an induced memory response in <i>Pseudomonas aeruginosa</i> during infection of a eukaryotic host. <i>ISME Journal</i> , 2019, 13, 2018-2030.	9.8	26
82	The Pho regulon influences biofilm formation and type three secretion in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology Reports</i> , 2009, 1, 488-494.	2.4	23
83	Recycling of Peptidyl-tRNAs by Peptidyl-tRNA Hydrolase Counteracts Azithromycin-Mediated Effects on <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1617-1624.	3.2	23
84	Breaking the Vicious Cycle of Antibiotic Killing and Regrowth of Biofilm-Residing <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	23
85	Non-invasive, ratiometric determination of intracellular pH in <i>Pseudomonas</i> species using a novel genetically encoded indicator. <i>Microbial Biotechnology</i> , 2019, 12, 799-813.	4.2	23
86	Importance of flagella in acute and chronic <i>Pseudomonas aeruginosa</i> infections. <i>Environmental Microbiology</i> , 2019, 21, 883-897.	3.8	23
87	Evaluation of a microarray-hybridization based method applicable for discovery of single nucleotide polymorphisms (SNPs) in the <i>Pseudomonas aeruginosa</i> genome. <i>BMC Genomics</i> , 2009, 10, 29.	2.8	22
88	Functional modules of sigma factor regulons guarantee adaptability and evolvability. <i>Scientific Reports</i> , 2016, 6, 22212.	3.3	22
89	Diagnostics and Resistance Profiling of Bacterial Pathogens. <i>Current Topics in Microbiology and Immunology</i> , 2016, 398, 89-102.	1.1	22
90	The peptide chain release factor methyltransferase <i>PrmC</i> is essential for pathogenicity and environmental adaptation of <i>Pseudomonas aeruginosa</i> PA14. <i>Environmental Microbiology</i> , 2013, 15, 597-609.	3.8	21

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91	Towards individualized diagnostics of biofilm-associated infections: a case study. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 22.	6.4	21
92	Untargeted LC-MS Metabolomics Differentiates Between Virulent and Avirulent Clinical Strains of <i>Pseudomonas aeruginosa</i> . <i>Biomolecules</i> , 2020, 10, 1041.	4.0	21
93	Transcriptional and Mutational Profiling of an Aminoglycoside-Resistant <i>Pseudomonas aeruginosa</i> Small-Colony Variant. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	19
94	Environmentâ€driven changes of mRNA and protein levels in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2018, 20, 3952-3963.	3.8	19
95	Production of Norspermidine Contributes to Aminoglycoside Resistance in <i>pmrAB</i> Mutants of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	18
96	Evolution of biofilm-adapted gene expression profiles in <i>lasR</i> -deficient clinical <i>Pseudomonas aeruginosa</i> isolates. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 6.	6.4	17
97	Genetic determinants of <i>Pseudomonas aeruginosa</i> fitness during biofilm growth. <i>Biofilm</i> , 2020, 2, 100023.	3.8	16
98	Chromatin Immunoprecipitation for ChIP-chip and ChIP-seq. <i>Methods in Molecular Biology</i> , 2014, 1149, 591-605.	0.9	16
99	Exopolysaccharides of <i>Burkholderia pseudomallei</i> . <i>Acta Tropica</i> , 2000, 74, 211-214.	2.0	15
100	Application of Synthetic Peptide Arrays To Uncover Cyclic Di-GMP Binding Motifs. <i>Journal of Bacteriology</i> , 2016, 198, 138-146.	2.2	15
101	The Anaerobically Induced sRNA Pail Affects Denitrification in <i>Pseudomonas aeruginosa</i> PA14. <i>Frontiers in Microbiology</i> , 2017, 8, 2312.	3.5	14
102	Expression of the MexXY Aminoglycoside Efflux Pump and Presence of an Aminoglycoside-Modifying Enzyme in Clinical <i>Pseudomonas aeruginosa</i> Isolates Are Highly Correlated. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	14
103	Identification of <i>Burkholderia cepacia</i> complex pathogens by rapid-cycle PCR with fluorescent hybridization probes. <i>Journal of Medical Microbiology</i> , 2006, 55, 721-727.	1.8	13
104	Complete Genome Sequence of Highly Adherent <i>Pseudomonas aeruginosa</i> Small-Colony Variant SCV20265. <i>Genome Announcements</i> , 2014, 2, .	0.8	13
105	Targeting bioenergetics is key to counteracting the drug-tolerant state of biofilm-grown bacteria. <i>PLoS Pathogens</i> , 2020, 16, e1009126.	4.7	13
106	A German external quality survey of diagnostic microbiology of respiratory tract infections in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2008, 7, 7-14.	0.7	12
107	Global Genotype-Phenotype Correlations in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2010, 6, e1001074.	4.7	12
108	Spatiotemporal control of FlgZ activity impacts <i>Pseudomonas aeruginosa</i> flagellar motility. <i>Molecular Microbiology</i> , 2019, 111, 1544-1557.	2.5	12

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109	Dual Effect: High NADH Levels Contribute to Efflux-Mediated Antibiotic Resistance but Drive Lethality Mediated by Reactive Oxygen Species. <i>MBio</i> , 2022, 13, e0243421.	4.1	12
110	Evolution of <i>Pseudomonas aeruginosa</i> toward higher fitness under standard laboratory conditions. <i>ISME Journal</i> , 2021, 15, 1165-1177.	9.8	11
111	Identification and Quantification of (t)RNA Modifications in <i>Pseudomonas aeruginosa</i> by Liquid Chromatography-Tandem Mass Spectrometry. <i>ChemBioChem</i> , 2019, 20, 1430-1437.	2.6	10
112	Single-Nucleotide Polymorphism-Based Genetic Diversity Analysis of Clinical <i>Pseudomonas aeruginosa</i> Isolates. <i>Genome Biology and Evolution</i> , 2020, 12, 396-406.	2.5	10
113	Antisense transcription in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 889-895.	1.8	10
114	Monoclonal IgA class-switch variants against bacterial surface antigens: molecular forms and transport into murine respiratory secretions. <i>European Journal of Immunology</i> , 1994, 24, 2855-2862.	2.9	9
115	<i>Pseudomonas aeruginosa</i> LysR PA4203 Regulator NmoR Acts as a Repressor of the PA4202 <i>nmoA</i> Gene, Encoding a Nitronate Monooxygenase. <i>Journal of Bacteriology</i> , 2015, 197, 1026-1039.	2.2	9
116	<i>Pseudomonas aeruginosa</i> Is More Tolerant Under Biofilm Than Under Planktonic Growth Conditions: A Multi-Isolate Survey. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 851784.	3.9	9
117	Comprehensive MALDI-TOF Biotyping of the Non-Redundant Harvard <i>Pseudomonas aeruginosa</i> PA14 Transposon Insertion Mutant Library. <i>PLoS ONE</i> , 2015, 10, e0117144.	2.5	7
118	The immunogenic potential of bacterial flagella for <i>Salmonella</i> -mediated tumor therapy. <i>International Journal of Cancer</i> , 2020, 147, 448-460.	5.1	7
119	The Two-Component System 09 Regulates Pneumococcal Carbohydrate Metabolism and Capsule Expression. <i>Microorganisms</i> , 2021, 9, 468.	3.6	7
120	The <i>Pseudomonas aeruginosa</i> whole genome sequence: A 20th anniversary celebration. <i>Advances in Microbial Physiology</i> , 2021, 79, 25-88.	2.4	7
121	Unravelling post-transcriptional PmrC-dependent regulatory mechanisms in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2016, 18, 3583-3592.	3.8	6
122	Host-induced spermidine production in motile <i>Pseudomonas aeruginosa</i> triggers phagocytic uptake. <i>ELife</i> , 2020, 9, .	6.0	6
123	<i>Pseudomonas aeruginosa</i> post-translational responses to elevated c-di-GMP levels. <i>Molecular Microbiology</i> , 2022, 117, 1213-1226.	2.5	6
124	Organism-specific depletion of highly abundant RNA species from bacterial total RNA. <i>Access Microbiology</i> , 2020, 2, acmi000159.	0.5	5
125	High plasmidome diversity of extended-spectrum beta-lactam-resistant <i>Escherichia coli</i> isolates collected during one year in one community hospital. <i>Genomics</i> , 2022, 114, 110368.	2.9	5
126	Analysis of the organization and expression patterns of the convergent <i>Pseudomonas aeruginosa</i> <i>lasR</i> / <i>rsaL</i> gene pair uncovers mutual influence. <i>Molecular Microbiology</i> , 2021, 115, 643-657.	2.5	4

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127	Targeting Bacterial Gyrase with Cystobactamid, Fluoroquinolone, and Aminocoumarin Antibiotics Induces Distinct Molecular Signatures in <i>Pseudomonas aeruginosa</i> . <i>MSystems</i> , 2021, 6, e0061021.	3.8	3
128	Phenome-ing Microbes. <i>Springer Protocols</i> , 2015, , 83-96.	0.3	1
129	The Peptide Chain Release Factor Methyltransferase PpmC Influences the <i>Pseudomonas aeruginosa</i> PA14 Endo- and Exometabolome. <i>Metabolites</i> , 2020, 10, 417.	2.9	0
130	Quo vadis clinical diagnostic microbiology?. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1562-1564.	6.0	0
131	<i>Pseudomonas aeruginosa</i> flagellin modulates the immune response in ex vivo lung tissue slices. , 2019, , .		0