

# Paolo Visca

## List of Publications by Year in descending order

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199  
papers

12,351  
citations

20759

60  
h-index

31759

101  
g-index

200  
all docs

200  
docs citations

200  
times ranked

12172  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Acinetobacter baumannii</i> : evolution of a global pathogen. <i>Pathogens and Disease</i> , 2014, 71, 292-301.	0.8	758
2	Pyoverdine siderophores: from biogenesis to biosignificance. <i>Trends in Microbiology</i> , 2007, 15, 22-30.	3.5	468
3	Palmitoylation-dependent Estrogen Receptor $\pm$ Membrane Localization: Regulation by 17 $\beta$ -Estradiol. <i>Molecular Biology of the Cell</i> , 2005, 16, 231-237.	0.9	406
4	The response to stationary-phase stress conditions in <i>Escherichia coli</i> : role and regulation of the glutamic acid decarboxylase system. <i>Molecular Microbiology</i> , 1999, 32, 1198-1211.	1.2	261
5	Iron transport and regulation, cell signalling and genomics: lessons from <i>Escherichia coli</i> and <i>Pseudomonas</i> . <i>Molecular Microbiology</i> , 2002, 45, 1177-1190.	1.2	255
6	<i>Acinetobacter</i> infection – an emerging threat to human health. <i>IUBMB Life</i> , 2011, 63, 1048-1054.	1.5	249
7	Whole-Genome Pyrosequencing of an Epidemic Multidrug-Resistant <i>Acinetobacter baumannii</i> Strain Belonging to the European Clone II Group. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2616-2625.	1.4	240
8	Hemoglobin and heme scavenging. <i>IUBMB Life</i> , 2005, 57, 749-759.	1.5	227
9	Common themes and variations in the rhodanese superfamily. <i>IUBMB Life</i> , 2007, 59, 51-59.	1.5	196
10	Deciphering the Multifactorial Nature of <i>Acinetobacter baumannii</i> Pathogenicity. <i>PLoS ONE</i> , 2011, 6, e22674.	1.1	196
11	Role of Iron Uptake Systems in <i>Pseudomonas aeruginosa</i> Virulence and Airway Infection. <i>Infection and Immunity</i> , 2016, 84, 2324-2335.	1.0	192
12	Structural genes for salicylate biosynthesis from chorismate in <i>Pseudomonas aeruginosa</i> . <i>Molecular Genetics and Genomics</i> , 1995, 249, 217-228.	2.4	184
13	Molecular basis of pyoverdine siderophore recycling in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20440-20445.	3.3	184
14	<i>Burkholderia cepacia</i> complex species: health hazards and biotechnological potential. <i>Trends in Microbiology</i> , 2006, 14, 277-286.	3.5	176
15	New Life for an Old Drug: the Anthelmintic Drug Niclosamide Inhibits <i>Pseudomonas aeruginosa</i> Quorum Sensing. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 996-1005.	1.4	169
16	Discontinuous transcription or RNA processing of vaccinia virus late messengers results in a $5'$ poly(A) leader. <i>Cell</i> , 1987, 50, 163-169.	13.5	164
17	S-palmitoylation modulates human estrogen receptor- $\pm$ functions. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 878-883.	1.0	158
18	The genomics of <i>Acinetobacter baumannii</i> : Insights into genome plasticity, antimicrobial resistance and pathogenicity. <i>IUBMB Life</i> , 2011, 63, 1068-1074.	1.5	157

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19	Metal regulation of siderophore synthesis in <i>Pseudomonas aeruginosa</i> and functional effects of siderophore-metal complexes. <i>Applied and Environmental Microbiology</i> , 1992, 58, 2886-2893.	1.4	156
20	Biosynthesis of pyochelin and dihydroaeruginosic acid requires the iron-regulated pchDCBA operon in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1997, 179, 248-257.	1.0	155
21	Virulence-related traits of epidemic <i>Acinetobacter baumannii</i> strains belonging to the international clonal lineages I-III and to the emerging genotypes ST25 and ST78. <i>BMC Infectious Diseases</i> , 2013, 13, 282.	1.3	143
22	Repurposing the antimycotic drug flucytosine for suppression of <i>Pseudomonas aeruginosa</i> pathogenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7458-7463.	3.3	141
23	Unravelling the Genome-Wide Contributions of Specific 2-Alkyl-4-Quinolones and PqsE to Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2016, 12, e1006029.	2.1	140
24	Functional Characterization and Regulation of <i>gadX</i> , a Gene Encoding an AraC/XylS-Like Transcriptional Activator of the <i>Escherichia coli</i> Glutamic Acid Decarboxylase System. <i>Journal of Bacteriology</i> , 2002, 184, 2603-2613.	1.0	139
25	Cell-surface signaling in <i>Pseudomonas</i> : stress responses, iron transport, and pathogenicity. <i>FEMS Microbiology Reviews</i> , 2014, 38, 569-597.	3.9	137
26	Iron-regulated salicylate synthesis by <i>Pseudomonas</i> spp.. <i>Journal of General Microbiology</i> , 1993, 139, 1995-2001.	2.3	133
27	Genome-assisted identification of putative iron-utilization genes in <i>Acinetobacter baumannii</i> and their distribution among a genotypically diverse collection of clinical isolates. <i>Research in Microbiology</i> , 2011, 162, 279-284.	1.0	133
28	Promises and failures of gallium as an antibacterial agent. <i>Future Microbiology</i> , 2014, 9, 379-397.	1.0	131
29	Class 1 Integron-Borne Multiple-Antibiotic Resistance Carried by IncFI and IncL/M Plasmids in <i>Salmonella enterica</i> Serotype Typhimurium. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 3053-3058.	1.4	129
30	<i>In Vitro</i> and <i>In Vivo</i> Antimicrobial Activities of Gallium Nitrate against Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5961-5970.	1.4	128
31	Cloning and nucleotide sequence of the <i>pvdA</i> gene encoding the pyoverdinin biosynthetic enzyme L-ornithine N5-oxygenase in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1994, 176, 1128-1140.	1.0	126
32	Functional Analysis of PvdS, an Iron Starvation Sigma Factor of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2000, 182, 1481-1491.	1.0	123
33	Iron-regulated transcription of the <i>pvdA</i> gene in <i>Pseudomonas aeruginosa</i> : effect of Fur and PvdS on promoter activity. <i>Journal of Bacteriology</i> , 1996, 178, 2299-2313.	1.0	119
34	Anthrax toxin: a tripartite lethal combination1. <i>FEBS Letters</i> , 2002, 531, 384-388.	1.3	116
35	<i>In vitro</i> activity of tigecycline in combination with various antimicrobials against multidrug resistant <i>Acinetobacter baumannii</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2009, 8, 18.	1.7	111
36	Antivirulence activity of azithromycin in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 178.	1.5	107

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37	Characterization of pABVA01, a Plasmid Encoding the OXA-24 Carbapenemase from Italian Isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3528-3533.	1.4	105
38	Composite IS1 elements encoding hydroxamate-mediated iron uptake in Flme plasmids from epidemic <i>Salmonella</i> spp. <i>Journal of Bacteriology</i> , 1985, 162, 307-316.	1.0	101
39	Studies of <i>Pseudomonas aeruginosa</i> Mutants Indicate Pyoverdine as the Central Factor in Inhibition of <i>Aspergillus fumigatus</i> Biofilm. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	99
40	Repurposing of gallium-based drugs for antibacterial therapy. <i>BioFactors</i> , 2014, 40, 303-312.	2.6	98
41	Antimicrobial Activity of Gallium Compounds on ESKAPE Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 316.	1.8	96
42	Phenotypic comparison between rhizosphere and clinical isolates of <i>Burkholderia cepacia</i> . <i>Microbiology (United Kingdom)</i> , 1994, 140, 1069-1077.	0.7	92
43	Enzymatic Detoxification of Cyanide: Clues from <i>Pseudomonas aeruginosa</i> Rhodanese. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008, 15, 199-211.	1.0	89
44	Multiple-Antibiotic Resistance Mediated by Structurally Related IncL/M Plasmids Carrying an Extended-Spectrum $\beta$ -Lactamase Gene and a Class 1 Integron. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2911-2914.	1.4	87
45	The bacterial aetiology of rosy discoloration of ancient wall paintings. <i>Environmental Microbiology</i> , 2007, 9, 2894-2902.	1.8	87
46	Microbial Community Structure and Dynamics of Dark Fire-Cured Tobacco Fermentation. <i>Applied and Environmental Microbiology</i> , 2007, 73, 825-837.	1.4	82
47	Biodeterioration of mural paintings in a rocky habitat: The Crypt of the Original Sin (Matera, Italy). <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 705-711.	1.9	82
48	Changing carbapenemase gene pattern in an epidemic multidrug-resistant <i>Acinetobacter baumannii</i> lineage causing multiple outbreaks in central Italy. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 54-61.	1.3	82
49	Identification of FDA-Approved Drugs as Antivirulence Agents Targeting the <i>pqs</i> Quorum-Sensing System of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	82
50	Analysis of the periplasmic proteome of <i>Pseudomonas aeruginosa</i> , a metabolically versatile opportunistic pathogen. <i>Proteomics</i> , 2009, 9, 1901-1915.	1.3	81
51	Molecular Epidemiology of a <i>Pseudomonas aeruginosa</i> Hospital Outbreak Driven by a Contaminated Disinfectant-Soap Dispenser. <i>PLoS ONE</i> , 2011, 6, e17064.	1.1	79
52	The <i>GacR</i> and cyclic-di-GMP signalling networks coordinately regulate iron uptake in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2014, 16, 676-688.	1.8	76
53	Effect of efflux pump inhibition on <i>Pseudomonas aeruginosa</i> transcriptome and virulence. <i>Scientific Reports</i> , 2017, 7, 11392.	1.6	76
54	Antifungal activity of ovotransferrin towards genus <i>Candida</i> . <i>Mycopathologia</i> , 1985, 89, 169-175.	1.3	75

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55	Identification of Variable-Number Tandem-Repeat (VNTR) Sequences in <i>Acinetobacter baumannii</i> and Interlaboratory Validation of an Optimized Multiple-Locus VNTR Analysis Typing Scheme. <i>Journal of Clinical Microbiology</i> , 2011, 49, 539-548.	1.8	71
56	Designation of the European Working Group on Legionella Infection (EWGLI) Amplified Fragment Length Polymorphism Types of <i>Legionella pneumophila</i> Serogroup 1 and Results of Intercentre Proficiency Testing Using a Standard Protocol. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2002, 21, 722-728.	1.3	70
57	Transcriptional control of the <i>pvdS</i> iron starvation sigma factor gene by the master regulator of sulfur metabolism CysB in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2010, 12, 1630-1642.	1.8	70
58	Bone damage induced by different cutting instruments: an in vitro study. <i>Brazilian Dental Journal</i> , 2009, 20, 162-168.	0.5	66
59	Fatty acid synthase is a marker of increased risk of recurrence in endometrial carcinoma. <i>Gynecologic Oncology</i> , 2004, 92, 101-105.	0.6	64
60	Ferric Uptake Regulator Fur Is Conditionally Essential in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	64
61	Contribution of Active Iron Uptake to <i>Acinetobacter baumannii</i> Pathogenicity. <i>Infection and Immunity</i> , 2019, 87, .	1.0	64
62	Intracellular levels and activity of PvdS, the major iron starvation sigma factor of <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2008, 67, 213-227.	1.2	63
63	Gallium-Protoporphyrin IX Inhibits <i>Pseudomonas aeruginosa</i> Growth by Targeting Cytochromes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 12.	1.8	63
64	Interaction between lactoferrin and ovotransferrin and <i>Candida</i> cells. <i>FEMS Microbiology Letters</i> , 1986, 33, 271-275.	0.7	62
65	A multitask biosensor for micro-volumetric detection of N-3-oxo-dodecanoyl-homoserine lactone quorum sensing signal. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3444-3449.	5.3	60
66	Assessment of Intercentre Reproducibility and Epidemiological Concordance of <i>Legionella pneumophila</i> Serogroup 1 Genotyping by Amplified Fragment Length Polymorphism Analysis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2000, 19, 773-780.	1.3	57
67	Synthesis of New Linear Guanidines and Macrocyclic Amidinourea Derivatives Endowed with High Antifungal Activity against <i>Candida</i> spp. and <i>Aspergillus</i> spp.. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7376-7379.	2.9	55
68	Pyochelin Potentiates the Inhibitory Activity of Gallium on <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5572-5575.	1.4	52
69	Mycobacterial truncated hemoglobins: From genes to functions. <i>Gene</i> , 2007, 398, 42-51.	1.0	51
70	Multiple Types of <i>Legionella pneumophila</i> Serogroup 6 in a Hospital Heated-Water System Associated with Sporadic Infections. <i>Journal of Clinical Microbiology</i> , 1999, 37, 2189-2196.	1.8	51
71	Cell aggregation promotes pyoverdine-dependent iron uptake and virulence in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 902.	1.5	50
72	Identification of clinically relevant yeast species by DNA sequence analysis of the D2 variable region of the 25S rRNA gene. <i>Mycoses</i> , 2008, 51, 209-227.	1.8	48

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73	Pyoverdine and Proteases Affect the Response of <i>Pseudomonas aeruginosa</i> to Gallium in Human Serum. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5641-5646.	1.4	47
74	New Shuttle Vectors for Gene Cloning and Expression in Multidrug-Resistant <i>Acinetobacter</i> Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	47
75	Identification of Variable-Number Tandem-Repeat (VNTR) Sequences in <i>Legionella pneumophila</i> and Development of an Optimized Multiple-Locus VNTR Analysis Typing Scheme. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1190-1199.	1.8	45
76	Effect of Acid Adaptation on the Fate of <i>Listeria monocytogenes</i> in THP-1 Human Macrophages Activated by Gamma Interferon. <i>Infection and Immunity</i> , 2002, 70, 4369-4378.	1.0	44
77	Involvement of <i>Pseudomonas aeruginosa</i> Rhodanese in Protection from Cyanide Toxicity. <i>Applied and Environmental Microbiology</i> , 2007, 73, 390-398.	1.4	44
78	Epidemic multidrug-resistant <i>Acinetobacter baumannii</i> related to European clonal types I and II in Rome (Italy). <i>Clinical Microbiology and Infection</i> , 2009, 15, 347-357.	2.8	44
79	Iron availability affects entry of <i>Listeria monocytogenes</i> into the enterocytelike cell line Caco-2. <i>Infection and Immunity</i> , 1996, 64, 3925-3929.	1.0	44
80	Virulence determinants in <i>Pseudomonas aeruginosa</i> strains from urinary tract infections. <i>Epidemiology and Infection</i> , 1992, 108, 323-336.	1.0	43
81	Isolation and characterization of <i>Pseudomonas aeruginosa</i> mutants blocked in the synthesis of pyoverdinin. <i>Journal of Bacteriology</i> , 1992, 174, 5727-5731.	1.0	43
82	<i>Acinetobacter baumannii</i> Biofilm Formation in Human Serum and Disruption by Gallium. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	43
83	Expanding Drug Resistance through Integron Acquisition by IncFI Plasmids of <i>Salmonella enterica</i> Typhimurium. <i>Emerging Infectious Diseases</i> , 2001, 7, 444-447.	2.0	41
84	Cyanide detoxification by recombinant bacterial rhodanese. <i>Chemosphere</i> , 2006, 63, 942-949.	4.2	41
85	Unidirectional animal-to-human transmission of methicillin-resistant <i>Staphylococcus aureus</i> ST398 in pig farming; evidence from a surveillance study in southern Italy. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 187.	1.5	41
86	Molecular epidemiology of an outbreak of Legionnaires' disease associated with a cooling tower in Genova-Sestri Ponente, Italy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1997, 16, 883-892.	1.3	40
87	Travel-Associated <i>Burkholderia pseudomallei</i> Infection (Meloidosis) in a Patient with Cystic Fibrosis: A Case Report. <i>Clinical Infectious Diseases</i> , 2001, 32, e15-e16.	2.9	40
88	The truncated hemoglobin from <i>Mycobacterium leprae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 1064-1070.	1.0	40
89	Legionellosis in the occupational setting. <i>Environmental Research</i> , 2017, 152, 485-495.	3.7	40
90	Prevalence, molecular epidemiology, and antimicrobial resistance of methicillin-resistant <i>Staphylococcus aureus</i> from swine in southern Italy. <i>BMC Microbiology</i> , 2019, 19, 51.	1.3	40

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91	Enhanced antimicrobial activity of lactoferrin by binding to the bacterial surface. <i>Microbiologica</i> , 1988, 11, 225-30.	0.2	40
92	Scavenging of Reactive Nitrogen Species by Mycobacterial Truncated Hemoglobins. <i>Methods in Enzymology</i> , 2008, 436, 317-337.	0.4	38
93	Histological in vitro evaluation of the effects of Er:YAG laser on oral soft tissues. <i>Lasers in Medical Science</i> , 2012, 27, 749-753.	1.0	38
94	Iron and <i>Acinetobacter baumannii</i> Biofilm Formation. <i>Pathogens</i> , 2014, 3, 704-719.	1.2	38
95	Carbapenem resistance and acquired class D beta-lactamases in <i>Acinetobacter baumannii</i> from Croatia 2009-2010. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 471-478.	1.3	38
96	In silico Selection and Experimental Validation of FDA-Approved Drugs as Anti-quorum Sensing Agents. <i>Frontiers in Microbiology</i> , 2019, 10, 2355.	1.5	38
97	Activity and Impact on Resistance Development of Two Antivirulence Fluoropyrimidine Drugs in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 49.	1.8	37
98	Regulation of the <i>Pseudomonas aeruginosa</i> <i>tox</i> A, <i>reg</i> A and <i>ptx</i> R genes by the iron-starvation sigma factor PvdS under reduced levels of oxygen. <i>Microbiology (United Kingdom)</i> , 2007, 153, 4219-4233.	0.7	37
99	Legionnaires' Disease on a Cruise Ship Linked to the Water Supply System: Clinical and Public Health Implications. <i>Clinical Infectious Diseases</i> , 1999, 28, 33-38.	2.9	36
100	Evidence of Diversity among Epidemiologically Related Carbapenemase-Producing <i>Acinetobacter baumannii</i> Strains Belonging to International Clonal Lineage II. <i>Journal of Clinical Microbiology</i> , 2012, 50, 590-597.	1.8	36
101	Pseudobactin Biogenesis in the Plant Growth-Promoting Rhizobacterium <i>Pseudomonas</i> Strain B10: Identification and Functional Analysis of the l-Ornithine N5-Oxygenase ( <i>psbA</i> ) Gene. <i>Journal of Bacteriology</i> , 2000, 182, 6233-6238.	1.0	35
102	<i>Aspergillus-Pseudomonas</i> interaction, relevant to competition in airways. <i>Medical Mycology</i> , 2019, 57, S228-S232.	0.3	35
103	Interaction of lactoferrin with <i>Escherichia coli</i> cells and correlation with antibacterial activity. <i>Medical Microbiology and Immunology</i> , 1990, 179, 323-33.	2.6	34
104	Studies of the antimicrobial activity of ovotransferrin. <i>International Journal of Tissue Reactions</i> , 1983, 5, 97-105.	0.2	34
105	Nitric oxide scavenging by <i>Mycobacterium leprae</i> GbO involves the formation of the ferric heme-bound peroxynitrite intermediate. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 450-456.	1.0	33
106	Molecular characterization of rhizosphere and clinical isolates of <i>Burkholderia cepacia</i> . <i>Research in Microbiology</i> , 1995, 146, 531-542.	1.0	32
107	The Dual Personality of Iron Chelators: Growth Inhibitors or Promoters?. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2432-2433.	1.4	32
108	Expression of the Virulence Plasmid-Carried Apyrase Gene ( <i>apy</i> ) of Enteroinvasive <i>Escherichia coli</i> and <i>Shigella flexneri</i> Is under the Control of H-NS and the VirF and VirB Regulatory Cascade. <i>Infection and Immunity</i> , 1998, 66, 4957-4964.	1.0	32

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109	Composite Integron Array Generated by Insertion of an ORF341-Type Integron Within a Tn21-like Element. <i>Microbial Drug Resistance</i> , 2002, 8, 1-8.	0.9	31
110	Involvement of AlgQ in Transcriptional Regulation of Pyoverdine Genes in <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Bacteriology</i> , 2005, 187, 5097-5107.	1.0	31
111	The effect of saturation with Zn <sup>2+</sup> and other metal ions on the antibacterial activity of ovotransferrin. <i>Medical Microbiology and Immunology</i> , 1987, 176, 123-30.	2.6	30
112	Subcellular localization of the pyoverdine biogenesis machinery of <i>Pseudomonas aeruginosa</i> : A membrane-associated siderosome. <i>FEBS Letters</i> , 2013, 587, 3387-3391.	1.3	30
113	Development of inhalable hyaluronan/mannitol composite dry powders for flucytosine repositioning in local therapy of lung infections. <i>Journal of Controlled Release</i> , 2016, 238, 80-91.	4.8	30
114	Alkyl-guanidine Compounds as Potent Broad-Spectrum Antibacterial Agents: Chemical Library Extension and Biological Characterization. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9162-9176.	2.9	30
115	Characterization of a rhodanese from the cyanogenic bacterium <i>Pseudomonas aeruginosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 85-90.	1.0	29
116	Analysis of guazatine mixture by LC and LC-MS and antimycotic activity determination of principal components. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1499-1506.	1.4	29
117	Catalytic peroxidation of nitrogen monoxide and peroxyxynitrite by globins. <i>IUBMB Life</i> , 2009, 61, 62-73.	1.5	28
118	Identification of FDA-approved antivirulence drugs targeting the <i>Pseudomonas aeruginosa</i> quorum sensing effector protein PqsE. <i>Virulence</i> , 2020, 11, 652-668.	1.8	28
119	Lack of association between clinical and environmental isolates of <i>Pseudomonas aeruginosa</i> in hospital wards. <i>Journal of Hospital Infection</i> , 1994, 27, 49-60.	1.4	27
120	Truncated hemoglobin GlbO from <i>Mycobacterium leprae</i> alleviates nitric oxide toxicity. <i>Microbial Pathogenesis</i> , 2006, 40, 211-220.	1.3	27
121	Nitric Oxide and <i>Mycobacterium leprae</i> Pathogenicity. <i>IUBMB Life</i> , 2002, 54, 95-99.	1.5	26
122	H <sub>2</sub> O <sub>2</sub> and NO scavenging by <i>Mycobacterium leprae</i> truncated hemoglobin O. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 197-201.	1.0	26
123	High-level tolerance to triclosan may play a role in <i>Pseudomonas aeruginosa</i> antibiotic resistance in immunocompromised hosts: evidence from outbreak investigation. <i>BMC Research Notes</i> , 2012, 5, 43.	0.6	26
124	A putative de-N-acetylase of the PIG-L superfamily affects fluoroquinolone tolerance in <i>Pseudomonas aeruginosa</i> . <i>Pathogens and Disease</i> , 2014, 71, 39-54.	0.8	25
125	Ferrous <i>Campylobacter jejuni</i> truncated hemoglobin <sub>fP</sub> displays an extremely high reactivity for cyanide – a comparative study. <i>FEBS Journal</i> , 2008, 275, 633-645.	2.2	24
126	Drug repurposing for antivirulence therapy against opportunistic bacterial pathogens. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 13-22.	1.1	24



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127	PqsE Expands and Differentially Modulates the RhlR Quorum Sensing Regulon in <i>Pseudomonas aeruginosa</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	23
128	Membrane-association determinants of the 1% $\alpha$ -amino acid monooxygenase PvdA, a pyoverdine biosynthetic enzyme from <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2804-2813.	0.7	22
129	Amplified Fragment Length Polymorphism Analysis. <i>Methods in Molecular Biology</i> , 2009, 551, 89-104.	0.4	22
130	Peroxynitrite scavenging by ferrous truncated hemoglobin GbO from <i>Mycobacterium leprae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 528-533.	1.0	21
131	Does CO <sub>2</sub> modulate peroxynitrite specificity?. <i>IUBMB Life</i> , 2006, 58, 611-613.	1.5	21
132	In vitro activity of tigecycline against multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 422-423.	1.3	21
133	A New Transcriptional Repressor of the <i>Pseudomonas aeruginosa</i> Quorum Sensing Receptor Gene <i>lasR</i> . <i>PLoS ONE</i> , 2013, 8, e69554.	1.1	21
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