

Julian E Davies

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

10,947
citations

201674

27
h-index

175258

52
g-index

65
all docs

65
docs citations

65
times ranked

14986
citing authors

#	ARTICLE	IF	CITATIONS
1	Subinhibitory Concentrations of Antibiotics Exacerbate Staphylococcal Infection by Inducing Bacterial Virulence. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	5
2	Broad-Spectrum Antimicrobial and Antibiofilm Activity of a Natural Clay Mineral from British Columbia, Canada. <i>MBio</i> , 2020, 11, .	4.1	8
3	An ancient solution to a modern problem. <i>Molecular Microbiology</i> , 2020, 113, 546-549.	2.5	14
4	Leupeptazin, a highly modified tripeptide isolated from cultures of a <i>Streptomyces</i> sp. inhibits cathepsin K. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1397-1400.	2.2	2
5	Kisameet Glacial Clay: an Unexpected Source of Bacterial Diversity. <i>MBio</i> , 2017, 8, .	4.1	18
6	The Whys and Wherefores of Antibiotic Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a025171.	6.2	22
7	Construction of a Multiplex Promoter Reporter Platform to Monitor <i>Staphylococcus aureus</i> Virulence Gene Expression and the Identification of Usnic Acid as a Potent Suppressor of <i>psm</i> Gene Expression. <i>Frontiers in Microbiology</i> , 2016, 7, 1344.	3.5	10
8	Affinity Crystallography: A New Approach to Extracting High-Affinity Enzyme Inhibitors from Natural Extracts. <i>Journal of Natural Products</i> , 2016, 79, 1962-1970.	3.0	16
9	Antibiotics and evolution: food for thought. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 149-153.	3.0	16
10	Kisameet Clay Exhibits Potent Antibacterial Activity against the ESKAPE Pathogens. <i>MBio</i> , 2016, 7, e01842-15.	4.1	39
11	Screening of Microbial Extracts for Anticancer Compounds Using <i>Streptomyces</i> Kinase Inhibitor Assay. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	6
12	Identification of synergists that potentiate the action of polymyxin B against <i>Burkholderia cenocepacia</i> . <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 376-380.	2.5	4
13	Unciaphenol, an Oxygenated Analogue of the Bergman Cyclization Product of Uncialamycin Exhibits Anti-HIV Activity. <i>Organic Letters</i> , 2015, 17, 5304-5307.	4.6	16
14	Antibiotic resistance and the golden age of microbiology. <i>Upsala Journal of Medical Sciences</i> , 2014, 119, 65-67.	0.9	11
15	Antivirulence Activity of the Human Gut Metabolome. <i>MBio</i> , 2014, 5, e01183-14.	4.1	45
16	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. <i>Microbiome</i> , 2014, 2, .	11.1	25
17	â€œA ce moment-lÃ¡â€•. <i>Research in Microbiology</i> , 2014, 165, 351-352.	2.1	1
18	Specialized microbial metabolites: functions and origins. <i>Journal of Antibiotics</i> , 2013, 66, 361-364.	2.0	130

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19	Antibiotic Resistance in and from Nature. <i>Microbiology Spectrum</i> , 2013, 1, .	3.0	3
20	Introducing the Parvome: Bioactive Compounds in the Microbial World. <i>ACS Chemical Biology</i> , 2012, 7, 252-259.	3.4	125
21	Short tribute to Dr Hutchinson. <i>Journal of Antibiotics</i> , 2011, 64, 7-7.	2.0	0
22	Streptomycetes are special: arcane applications. <i>Microbial Biotechnology</i> , 2011, 4, 141-143.	4.2	4
23	How to discover new antibiotics: harvesting the parvome. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 5-10.	6.1	79
24	Origins and Evolution of Antibiotic Resistance. <i>Microbiology and Molecular Biology Reviews</i> , 2010, 74, 417-433.	6.6	4,061
25	Actinobacteria: the good, the bad, and the ugly. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 143-150.	1.7	85
26	Call of the wild: antibiotic resistance genes in natural environments. <i>Nature Reviews Microbiology</i> , 2010, 8, 251-259.	28.6	1,733
27	Darwin and microbiomes. <i>EMBO Reports</i> , 2009, 10, 805-805.	4.5	16
28	Occurrence of highly fluoroquinolone-resistant and methicillin-resistant <i>Staphylococcus aureus</i> in domestic animals. <i>Canadian Journal of Microbiology</i> , 2007, 53, 925-929.	1.7	10
29	Small molecules: The lexicon of biodiversity. <i>Journal of Biotechnology</i> , 2007, 129, 3-5.	3.8	23
30	Antibiotics as signalling molecules. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1195-1200.	4.0	463
31	Microbes have the last word. <i>EMBO Reports</i> , 2007, 8, 616-621.	4.5	121
32	The complete genome of <i>Rhodococcus</i> sp. RHA1 provides insights into a catabolic powerhouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15582-15587.	7.1	586
33	The world of subinhibitory antibiotic concentrations. <i>Current Opinion in Microbiology</i> , 2006, 9, 445-453.	5.1	630
34	Where Have all the Antibiotics Gone?. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2006, 17, 287-290.	1.9	149
35	Aminoglycosides: Ancient and Modern. <i>Journal of Antibiotics</i> , 2006, 59, 529-532.	2.0	23
36	Are antibiotics naturally antibiotics?. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 496-499.	3.0	224

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37	Uncialamycin, A New Eneidyne Antibiotic. <i>Organic Letters</i> , 2005, 7, 5233-5236.	4.6	154
38	Gathering No Moss. <i>Annual Review of Microbiology</i> , 2003, 57, 1-27.	7.3	5
39	Transcriptional modulation of bacterial gene expression by subinhibitory concentrations of antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17025-17030.	7.1	462
40	Involvement of the amino-terminal \hat{I}^2 -hairpin of the <i>Aspergillus</i> ribotoxins on the interaction with membranes and nonspecific ribonuclease activity. <i>Protein Science</i> , 2001, 10, 1658-1668.	7.6	30
41	Rapid identification and characterization of hammerhead-ribozyme inhibitors using fluorescence-based technology. <i>Nature Biotechnology</i> , 2001, 19, 56-61.	17.5	70
42	In a Map for Human Life, Count the Microbes, Too. <i>Science</i> , 2001, 291, 2316b-2316.	12.6	39
43	Ribonuclease U2: cloning, production in <i>Pichia pastoris</i> and affinity chromatography purification of the active recombinant protein. <i>FEMS Microbiology Letters</i> , 2000, 189, 165-169.	1.8	8
44	Conjugative Junctions in RP4-Mediated Mating of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2000, 182, 2709-2715.	2.2	103
45	Genetic Antagonism and Hypermotability in <i>Mycobacterium smegmatis</i> . <i>Journal of Bacteriology</i> , 2000, 182, 3331-3335.	2.2	50
46	DNA-Based Diagnostic Approaches for Identification of <i>Burkholderia cepacia</i> Complex, <i>Burkholderia vietnamiensis</i> , <i>Burkholderia multivorans</i> , <i>Burkholderia stabilis</i> , and <i>Burkholderia cepacia</i> Genomovars I and III. <i>Journal of Clinical Microbiology</i> , 2000, 38, 3165-3173.	3.9	446
47	Characterization of a vanillic acid non-oxidative decarboxylation gene cluster from <i>Streptomyces</i> sp. D7 The GenBank accession number for the sequence reported in this paper is AF134589.. <i>Microbiology (United Kingdom)</i> , 1999, 145, 2393-2403.	1.8	68
48	Unanswered questions concerning antibiotic resistance. <i>Clinical Microbiology and Infection</i> , 1998, 4, 2-3.	6.0	10
49	Large Scale Identification of Genes Involved in Cell Surface Biosynthesis and Architecture in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1997, 147, 435-450.	2.9	350
50	Bacteria on the rampage. <i>Nature</i> , 1996, 383, 219-220.	27.8	117
51	Redundant Genome Sequencing?. <i>Science</i> , 1996, 273, 1155-1155.	12.6	1
52	The Structure of U17 Isolated from <i>Streptomyces clavuligerus</i> and its Properties as an Antioxidant Thiol. <i>FEBS Journal</i> , 1995, 230, 821-825.	0.2	115
53	Genetic mapping of the regulator and operator genes of the lac operon. <i>Journal of Molecular Biology</i> , 1968, 36, 413-417.	4.2	129
54	Antibiotic Resistance in <i>Mycobacteria</i> . <i>Novartis Foundation Symposium</i> , 0, , 195-208.	1.1	4

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55	Antibiotics and Antibiotic Resistance in Mycobacteria. , 0, , 287-306.		2
56	A New Look at Secondary Metabolites. , 0, , 307-322.		4
57	Structures and Properties of Ribotoxins. , 0, , 451-460.		0
58	Antibiotic Resistance in and from Nature. , 0, , 183-194.		1