Julian E Davies

List of Publications by Year
in descending order

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	Origins and Evolution of Antibiotic Resistance. Microbiology and Molecular Biology Reviews, 2010, 74, 417-433.	6.6	4,061
2	Call of the wild: antibiotic resistance genes in natural environments. Nature Reviews Microbiology, 2010, 8, 251-259.	28.6	1,733
3	The world of subinhibitory antibiotic concentrations. Current Opinion in Microbiology, 2006, 9, 445-453.	5.1	630
4	The complete genome of Rhodococcus sp. RHA1 provides insights into a catabolic powerhouse. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15582-15587.	7.1	586
5	Antibiotics as signalling molecules. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 1195-1200.	4.0	463
6	Transcriptional modulation of bacterial gene expression by subinhibitory concentrations of antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 17025-17030.	7.1	462
7	DNA-Based Diagnostic Approaches for Identification of Burkholderia cepacia Complex, Burkholderia vietnamiensis, Burkholderia multivorans,Burkholderia stabilis, and Burkholderia cepacia Genomovars I and III. Journal of Clinical Microbiology, 2000, 38, 3165-3173.	3.9	446
8	Large Scale Identification of Genes Involved in Cell Surface Biosynthesis and Architecture in Saccharomyces cerevisiae. Genetics, 1997, 147, 435-450.	2.9	350
9	Are antibiotics naturally antibiotics?. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 496-499.	3.0	224
10	Uncialamycin, A New Enediyne Antibiotic. Organic Letters, 2005, 7, 5233-5236.	4.6	154
11	Where Have all the Antibiotics Gone?. Canadian Journal of Infectious Diseases and Medical Microbiology, 2006, 17, 287-290.	1.9	149
12	Specialized microbial metabolites: functions and origins. Journal of Antibiotics, 2013, 66, 361-364.	2.0	130
13	Genetic mapping of the regulator and operator genes of the lac operon. Journal of Molecular Biology, 1968, 36, 413-417.	4.2	129
14	Introducing the Parvome: Bioactive Compounds in the Microbial World. ACS Chemical Biology, 2012, 7, 252-259.	3.4	125
15	Microbes have the last word. EMBO Reports, 2007, 8, 616-621.	4.5	121
16	Bacteria on the rampage. Nature, 1996, 383, 219-220.	27.8	117
17	The Structure of U17 Isolated from Streptomyces clavuligerus and its Properties as an Antioxidant Thiol. FEBS Journal, 1995, 230, 821-825.	0.2	115
18	Conjugative Junctions in RP4-Mediated Mating ofEscherichia coli. Journal of Bacteriology, 2000, 182, 2709-2715.	2.2	103

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19	Actinobacteria: the good, the bad, and the ugly. Antonie Van Leeuwenhoek, 2010, 98, 143-150.	1.7	85
20	How to discover new antibiotics: harvesting the parvome. Current Opinion in Chemical Biology, 2011, 15, 5-10.	6.1	79
21	Rapid identification and characterization of hammerhead-ribozyme inhibitors using fluorescence-based technology. Nature Biotechnology, 2001, 19, 56-61.	17.5	70
22	Characterization of a vanillic acid non-oxidative decarboxylation gene cluster from Streptomyces sp. D7 The GenBank accession number for the sequence reported in this paper is AF134589.. Microbiology (United Kingdom), 1999, 145, 2393-2403.	1.8	68
23	Genetic Antagonism and Hypermutability inMycobacterium smegmatis. Journal of Bacteriology, 2000, 182, 3331-3335.	2.2	50
24	Antivirulence Activity of the Human Gut Metabolome. MBio, 2014, 5, e01183-14.	4.1	45
25	Kisameet Clay Exhibits Potent Antibacterial Activity against the ESKAPE Pathogens. MBio, 2016, 7, e01842-15.	4.1	39
26	In a Map for Human Life, Count the Microbes, Too. Science, 2001, 291, 2316b-2316.	12.6	39
27	Involvement of the amino-terminal Î²-hairpin of theAspergillusribotoxins on the interaction with membrances and nonspecific ribonuclease activity. Protein Science, 2001, 10, 1658-1668.	7.6	30
28	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. Microbiome, 2014, 2, .	11.1	25
29	Aminoglycosides: Ancient and Modern. Journal of Antibiotics, 2006, 59, 529-532.	2.0	23
30	Small molecules: The lexicon of biodiversity. Journal of Biotechnology, 2007, 129, 3-5.	3.8	23
31	The Whys and Wherefores of Antibiotic Resistance. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a025171.	6.2	22
32	Kisameet Glacial Clay: an Unexpected Source of Bacterial Diversity. MBio, 2017, 8, .	4.1	18
33	Darwin and microbiomes. EMBO Reports, 2009, 10, 805-805.	4.5	16
34	Unciaphenol, an Oxygenated Analogue of the Bergman Cyclization Product of Uncialamycin Exhibits Anti-HIV Activity. Organic Letters, 2015, 17, 5304-5307.	4.6	16
35	Affinity Crystallography: A New Approach to Extracting High-Affinity Enzyme Inhibitors from Natural Extracts. Journal of Natural Products, 2016, 79, 1962-1970.	3.0	16
36	Antibiotics and evolution: food for thought. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 149-153.	3.0	16

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37	An ancient solution to a modern problem. Molecular Microbiology, 2020, 113, 546-549.	2.5	14
38	Antibiotic resistance and the golden age of microbiology. Upsala Journal of Medical Sciences, 2014, 119, 65-67.	0.9	11
39	Unanswered questions concerning antibiotic resistance. Clinical Microbiology and Infection, 1998, 4, 2-3.	6.0	10
40	Occurrence of highly fluoroquinolone-resistant and methicillin-resistant Staphylococcus aureus in domestic animals. Canadian Journal of Microbiology, 2007, 53, 925-929.	1.7	10
41	Construction of a Multiplex Promoter Reporter Platform to Monitor Staphylococcus aureus Virulence Gene Expression and the Identification of Usnic Acid as a Potent Suppressor of psm Gene Expression. Frontiers in Microbiology, 2016, 7, 1344.	3.5	10
42	Ribonuclease U2: cloning, production inPichia pastorisand affinity chromatography purification of the active recombinant protein. FEMS Microbiology Letters, 2000, 189, 165-169.	1.8	8
43	Broad-Spectrum Antimicrobial and Antibiofilm Activity of a Natural Clay Mineral from British Columbia, Canada. MBio, 2020, 11, .	4.1	8
44	Screening of Microbial Extracts for Anticancer Compounds Using Streptomyces Kinase Inhibitor Assay. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	6
45	Gathering No Moss. Annual Review of Microbiology, 2003, 57, 1-27.	7.3	5
46	Subinhibitory Concentrations of Antibiotics Exacerbate Staphylococcal Infection by Inducing Bacterial Virulence. Microbiology Spectrum, 2022, 10, .	3.0	5
47	Antibiotic Resistance in Mycobacteria. Novartis Foundation Symposium, 0, , 195-208.	1.1	4
48	Streptomycetes are special: arcane applications. Microbial Biotechnology, 2011, 4, 141-143.	4.2	4
49	Identification of synergists that potentiate the action of polymyxin B against Burkholderia cenocepacia. International Journal of Antimicrobial Agents, 2015, 46, 376-380.	2.5	4
50	A New Look at Secondary Metabolites. , 0, , 307-322.		4
51	Antibiotic Resistance in and from Nature. Microbiology Spectrum, 2013, 1, .	3.0	3
52	Antibiotics and Antibiotic Resistance in Mycobacteria. , 0, , 287-306.		2
53	Leupeptazin, a highly modified tripeptide isolated from cultures of a Streptomyces sp. inhibits cathepsin K. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1397-1400.	2.2	2
54	â€œA ce moment-lÃâ€• Research in Microbiology, 2014, 165, 351-352.	2.1	1

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55	Redundant Genome Sequencing?. Science, 1996, 273, 1155-1155.	12.6	1
56	Antibiotic Resistance in and from Nature. , 0, , 183-194.		1
57	Short tribute to Dr Hutchinson. Journal of Antibiotics, 2011, 64, 7-7.	2.0	0
58	Structures and Properties of Ribotoxins. , 0, , 451-460.		0