Jonathan Kennedy

List of Publications by Year
in descending order

43	2,751	218677	302126
papers	citations	26 h-index	39 g-index

46	46	46	3134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biochemical Characterization of a Novel Monospecific Endo-Î²-1,4-Glucanase Belonging to GH Family 5 From a Rhizosphere Metagenomic Library. Frontiers in Microbiology, 2019, 10, 1342.	3.5	25
2	Draft Genome Sequence of the Antimycin-Producing Bacterium Streptomyces sp. Strain SM8, Isolated from the Marine Sponge Haliclona simulans. Genome Announcements, 2018, 6, .	0.8	18
3	Diverse and Abundant Secondary Metabolism Biosynthetic Gene Clusters in the Genomes of Marine Sponge Derived Streptomyces spp. Isolates. Marine Drugs, 2018, 16, 67.	4.6	81
4	Inhibition of the growth ofBacillus subtilisDSM10 by a newly discovered antibacterial protein from the soil metagenome. Bioengineered, 2015, 6, 89-98.	3.2	15
5	Marine Sponges â€“ Molecular Biology and Biotechnology. , 2015, , 219-254.		5
6	Maribacter spongiicola sp. nov. and Maribacter vaceletii sp. nov., isolated from marine sponges, and emended description of the genus Maribacter. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2097-2103.	1.7	42
7	Isolation and Identification of Antitrypanosomal and Antimycobacterial Active Steroids from the Sponge Haliclona simulans. Marine Drugs, 2014, 12, 2937-2952.	4.6	30
8	A halotolerant thermostable lipase from the marine bacteriumOceanobacillussp. PUMB02 with an ability to disrupt bacterial biofilms. Bioengineered, 2014, 5, 305-318.	3.2	55
9	Metabolomic Profiling and Genomic Study of a Marine Sponge-Associated Streptomyces sp.. Marine Drugs, 2014, 12, 3323-3351.	4.6	48
10	Aquimarina amphilecti sp. nov., isolated from the sponge Amphilectus fucorum. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 501-505.	1.7	28
11	Evidence of a Putative Deep Sea Specific Microbiome in Marine Sponges. PLoS ONE, 2014, 9, e91092.	2.5	79
12	Metagenomic strategies for the discovery of novel enzymes with biotechnological application from marine ecosystems. , 2013, , 109-130.		3
13	Pseudovibrio axinellae sp. nov., isolated from an Irish marine sponge. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 141-145.	1.7	27
14	Archaea Appear to Dominate the Microbiome of Inflatella pellicula Deep Sea Sponges. PLoS ONE, 2013, 8, e84438.	2.5	69
15	Marine Invertebrate Animal Metagenomics: Porifera. , 2013, , 1-6.		0
16	Evidence of bacteriophage-mediated horizontal transfer of bacterial 16S rRNA genes in the viral metagenome of the marine sponge Hymeniacidon perlevis. Microbiology (United Kingdom), 2012, 158, 2789-2795.	1.8	19
17	A high-throughput screen to identify novel calcineurin inhibitors. Journal of Microbiological Methods, 2012, 88, 63-66.	1.6	6
18	Isolation identification and biochemical characterization of a novel halo-tolerant lipase from the metagenome of the marine sponge Haliclona simulans. Microbial Cell Factories, 2012, 11, 72.	4.0	76

#	Article	IF	Citations
19	Pyrosequencing Reveals Diverse and Distinct Sponge-Specific Microbial Communities in Sponges from a Single Geographical Location in Irish Waters. Microbial Ecology, 2012, 64, 105-116.	2.8	67
20	Marine Metagenomics: New Tools for the Study and Exploitation of Marine Microbial Metabolism. Marine Drugs, 2010, 8, 608-628.	4.6	152
21	Isolation and Analysis of Bacteria with Antimicrobial Activities from the Marine Sponge Haliclona simulans Collected from Irish Waters. Marine Biotechnology, 2009, 11, 384-396.	2.4	168
22	Phylogenetic Diversity and Antimicrobial Activities of Fungi Associated with Haliclona simulans Isolated from Irish Coastal Waters. Marine Biotechnology, 2009, 11, 540-547.	2.4	72
23	Precursor-Directed Biosynthesis of Novel Triketide Lactones. Biotechnology Progress, 2008, 20, 122-127.	2.6	19
24	Diversity of microbes associated with the marine sponge, Haliclona simulans, isolated from Irish waters and identification of polyketide synthase genes from the sponge metagenome. Environmental Microbiology, 2008, 10, 1888-1902.	3.8	93
25	Marine metagenomics: strategies for the discovery of novel enzymes with biotechnological applications from marine environments. Microbial Cell Factories, 2008, 7, 27.	4.0	198
26	Mutasynthesis, chemobiosynthesis, and back to semi-synthesis: combining synthetic chemistry and biosynthetic engineering for diversifying natural products. Natural Product Reports, 2008, 25, 25-34.	10.3	122
27	Novel Polyketides from Genetic Engineering (... and Lessons We Have Learned from Making Them). ACS Symposium Series, 2007, , 200-216.	0.5	0
28	Metagenomic approaches to exploit the biotechnological potential of the microbial consortia of marine sponges. Applied Microbiology and Biotechnology, 2007, 75, 11-20.	3.6	110
29	Heterologous Production of Epothilone C and D in Escherichia coli. Biochemistry, 2006, 45, 1321-1330.	2.5	147
30	Targeted covalent inactivation of protein kinases by resorcylic acid lactone polyketides. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4234-4239.	7.1	163
31	Redesign, synthesis and functional expression of the 6-deoxyerythronolide B polyketide synthase gene cluster. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 22-28.	3.0	43
32	Chemobiosynthesis of Novel 6-Deoxyerythronolide B Analogues by Mutation of the Loading Module of 6-Deoxyerythronolide B Synthase 1. Applied and Environmental Microbiology, 2005, 71, 4503-4509.	3.1	25
33	Tools for metabolic engineering in Escherichia coli: inactivation of panD by a point mutation. Analytical Biochemistry, 2004, 327, 91-96.	2.4	4
34	Metabolic engineering of Escherichia coli for improved 6-deoxyerythronolide B production. Journal of Industrial Microbiology and Biotechnology, 2003, 30, 500-509.	3.0	118
35	6-Deoxyerythronolide B Analogue Production inEscherichia colithrough Metabolic Pathway Engineering. Biochemistry, 2003, 42, 14342-14348.	2.5	23
36	Transformations of cyclic nonaketides by Aspergillus terreus mutants blocked for lovastatin biosynthesis at the lovA and lovC genes. Organic and Biomolecular Chemistry, 2003, 1, 50-59.	2.8	44

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37	Conversion of cyclic nonaketides to lovastatin and compactin by a lovc deficient mutant of Aspergillus terreus. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1527-1531.	2.2	39
38	Aspects of the biosynthesis of non-aromatic fungal polyketides by iterative polyketide synthases. Antonie Van Leeuwenhoek, 2000, 78, 287-295.	1.7	89
39	Thioesterase domain of Î´-(l-Î±-aminoadipyl)-l-cysteinyl-d-valine synthetase: alteration of stereospecificity by site-directed mutagenesis. Journal of Molecular Biology, 2000, 297, 395-408.	4.2	24
40	Lovastatin Nonaketide Synthase Catalyzes an Intramolecular Dielsâ˜Alder Reaction of a Substrate Analogue. Journal of the American Chemical Society, 2000, 122, 11519-11520.	13.7	226
41	Nurturing nature: engineering new antibiotics. Nature Biotechnology, 1999, 17, 538-539.	17.5	19
42	Production of the antitumor drug epirubicin (4â€²-epidoxorubicin) and its precursor by a genetically engineered strain of Streptomyces peucetius. Nature Biotechnology, 1998, 16, 69-74.	17.5	147
43	ACV Synthetase: Expression of Amino Acid Activating Domains of thePenicillium chrysogenumEnzyme inAspergillus nidulans. Biochemical and Biophysical Research Communications, 1997, 237, 166-169.	2.1	11