Paul F Long

List of Publications by Year
in descending order

54	1,706	304743	289244
papers	citations	22 h-index	40 g-index

56	56	56	2513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural and functional diversity of asparaginases: Overview and recommendations for a revised nomenclature. Biotechnology and Applied Biochemistry, 2022, 69, 503-513.	3.1	14
2	Recruitment of toxin-like proteins with ancestral venom function supports endoparasitic lifestyles of Myxozoa. PeerJ, 2021, 9, e11208.	2.0	6
3	An improved method for simple and accurate colorimetric determination of <scp>l</scp>â€asparaginase enzyme activity using <scp>Nessler's</scp> reagent. Journal of Chemical Technology and Biotechnology, 2021, 96, 1326-1332.	3.2	7
4	Early origins of oral penicillin dosing for children. Archives of Disease in Childhood, 2020, 105, 1118-1119.	1.9	0
5	Epidemiology of Polypodium hydriforme in American Paddlefish. Journal of Fish Diseases, 2020, 43, 979-989.	1.9	3
6	Reciprocal transplantation of the heterotrophic coral Tubastraea coccinea (Scleractinia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (D Evolution, 2020, 10, 1794-1803.	1.9	5
7	Development and validation of a rapid LC-MS/MS method for the quantification of mycosporines and mycosporine-like amino acids (MAAs) from cyanobacteria. Algal Research, 2020, 46, 101796.	4.6	24
8	Genetic and biochemical evidence for redundant pathways leading to mycosporine-like amino acid biosynthesis in the cyanobacterium <italic>Sphaerospermopsis torques-reginae</italic> ITEP-024. Algae, 2020, 35, 177-187.	2.3	7
9	Horizontal transfer of a natterin-like toxin encoding gene within the holobiont of the reef building coral (Cnidaria: Anthozoa: Scleractinia) and across multiple animal linages. Journal of Venom Research, 2020, 10, 7-12.	0.6	1
10	Mycosporine-Like Amino Acids for Skin Photoprotection. Current Medicinal Chemistry, 2019, 25, 5512-5527.	2.4	99
11	Venom Composition Does Not Vary Greatly Between Different Nematocyst Types Isolated from the Primary Tentacles of Olindias sambaquiensis (Cnidaria: Hydrozoa). Biological Bulletin, 2019, 237, 26-35.	1.8	7
12	Chemical Responses to the Biotic and Abiotic Environment by Early Diverging Metazoans Revealed in the Post-Genomic Age. Integrative and Comparative Biology, 2019, 59, 731-738.	2.0	1
13	Stress-Free Evolution: The Nrf-Coordinated Oxidative Stress Response in Early Diverging Metazoans. Integrative and Comparative Biology, 2019, 59, 799-810.	2.0	9
14	â€œBeyond Primary Sequenceâ€â€”Proteomic Data Reveal Complex Toxins in Cnidarian Venoms. Integrative and Comparative Biology, 2019, 59, 777-785.	2.0	18
15	Interferences that impact measuring optimal l-asparaginase activity and consequent errors interpreting these data. Applied Microbiology and Biotechnology, 2019, 103, 5161-5166.	3.6	7
16	Bioprospecting for Genes Encoding Hydrocarbon-Degrading Enzymes from Metagenomic Samples Isolated from Northern Adriatic Sea Sediments. Food Technology and Biotechnology, 2018, 56, 270-277.	2.1	9
17	The mycosporine-like amino acids porphyra-334 and shinorine are antioxidants and direct antagonists of Keap1-Nrf2 binding. Biochimie, 2018, 154, 35-44.	2.6	54
18	Did the accuracy of oral amoxicillin dosing of children improve after British National Formulary dose revisions in 2014? National cross-sectional survey in England. BMJ Open, 2017, 7, e016363.	1.9	4

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19	Comparative proteomics reveals recruitment patterns of some protein families in the venoms of Cnidaria. Toxicon, 2017, 137, 19-26.	1.6	24
20	MEGGASENSE - the Metagenome/Genome Annotated Sequence Natural Language Search Engine: a Platform for the Construction of Sequence Data Warehouses. Food Technology and Biotechnology, 2017, 55, 251-257.	2.1	1
21	Rising levels of atmospheric oxygen and evolution of Nrf2. Scientific Reports, 2016, 6, 27740.	3.3	52
22	Characterising the enzymatic profile of crude tentacle extracts from the South Atlantic jellyfish Olindias sambaquiensis (Cnidaria: Hydrozoa). Toxicon, 2016, 119, 1-7.	1.6	25
23	Gene duplications are extensive and contribute significantly to the toxic proteome of nematocysts isolated from Acropora digitifera (Cnidaria: Anthozoa: Scleractinia). BMC Genomics, 2015, 16, 774.	2.8	58
24	Combinations of long peptide sequence blocks can be used to describe toxin diversification in venomous animals. Toxicon, 2015, 95, 84-92.	1.6	9
25	Proteomics Links the Redox State to Calcium Signaling During Bleaching of the Scleractinian Coral Acropora microphthalma on Exposure to High Solar Irradiance and Thermal Stress. Molecular and Cellular Proteomics, 2015, 14, 585-595.	3.8	38
26	Bioinformatics analyses provide insight into distant homology of the Keap1â€“Nrf2 pathway. Free Radical Biology and Medicine, 2015, 88, 373-380.	2.9	18
27	Bacterial diversity of polluted surface sediments in the northern Adriatic Sea. Systematic and Applied Microbiology, 2015, 38, 189-197.	2.8	45
28	Oâ€Methyltransferase Is Shared between the Pentose Phosphate and Shikimate Pathways and Is Essential for Mycosporineâ€Like Amino Acid Biosynthesis in Anabaena variabilis ATCC 29413. ChemBioChem, 2015, 16, 320-327.	2.6	48
29	Predicting substrate specificity of adenylation domains of nonribosomal peptide synthetases and other protein properties by latent semantic indexing. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 461-467.	3.0	37
30	Evolutionary concepts in natural products discovery: what actinomycetes have taught us. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 211-217.	3.0	16
31	Oral penicillin prescribing for children in the UK: a comparison with BNF for Children age-band recommendations. British Journal of General Practice, 2014, 64, e217-e222.	1.4	12
32	2-epi-5-epi-Valiolone synthase activity is essential for maintaining phycobilisome composition in the cyanobacterium Anabaena variabilis ATCC 29413 when grown in the presence of a carbon source. Photosynthesis Research, 2013, 116, 33-43.	2.9	4
33	Proteomic characterisation of toxins isolated from nematocysts of the South Atlantic jellyfish Olindias sambaquiensis. Toxicon, 2013, 71, 11-17.	1.6	65
34	Diversification of Animal Venom Peptidesâ€”Were Jellyfish Amongst the First Combinatorial Chemists?. ChemBioChem, 2013, 14, 1407-1409.	2.6	13
35	KEGG orthology-based annotation of the predicted proteome of Acropora digitifera: ZoophyteBase - an open access and searchable database of a coral genome. BMC Genomics, 2013, 14, 509.	2.8	51
36	Databases of the thiotemplate modular systems (CSDB) and their in silico recombinants (r-CSDB). Journal of Industrial Microbiology and Biotechnology, 2013, 40, 653-659.	3.0	22

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37	Horizontal gene transfer and gene conversion drive evolution of modular polyketide synthases. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1541-1547.	3.0	22
38	A Profile of an Endosymbiont-enriched Fraction of the Coral Stylophora pistillata Reveals Proteins Relevant to Microbial-Host Interactions. Molecular and Cellular Proteomics, 2012, 11, M111.015487.	3.8	46
39	Redundant Pathways of Sunscreen Biosynthesis in a Cyanobacterium. ChemBioChem, 2012, 13, 531-533.	2.6	39
40	Recombinatorial biosynthesis of polyketides. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 503-511.	3.0	10
41	Dosing of oral penicillins in children: is big child=half an adult, small child=half a big child, baby=half a small child still the best we can do?. BMJ: British Medical Journal, 2011, 343, d7803-d7803.	2.3	17
42	Evolutionary dynamics of modular polyketide synthases, with implications for protein design and engineering. Journal of Antibiotics, 2011, 64, 89-92.	2.0	13
43	A novel docking domain interface model predicting recombination between homoeologous modular biosynthetic gene clusters. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1295-1304.	3.0	13
44	Global genome analysis of the shikimic acid pathway reveals greater gene loss in host-associated than in free-living bacteria. BMC Genomics, 2010, 11, 628.	2.8	24
45	Gene Expression in the Scleractinian Acropora microphthalma Exposed to High Solar Irradiance Reveals Elements of Photoprotection and Coral Bleaching. PLoS ONE, 2010, 5, e13975.	2.5	32
46	Effect of Antibiotics for Otitis Media on Mastoiditis in Children: A Retrospective Cohort Study Using the United Kingdom General Practice Research Database. Pediatrics, 2009, 123, 424-430.	2.1	112
47	Clustering of protein domains for functional and evolutionary studies. BMC Bioinformatics, 2009, 10, 335.	2.6	6
48	ClustScan : an integrated program package for the semi-automatic annotation of modular biosynthetic gene clusters and in silico prediction of novel chemical structures. Nucleic Acids Research, 2008, 36, 6882-6892.	14.5	181
49	Enzymes of the shikimic acid pathway encoded in the genome of a basal metazoan, Nematostella vectensis , have microbial origins. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2533-2537.	7.1	119
50	Predicting the Nature and Timing of Epimerisation on a Modular Polyketide Synthase. ChemBioChem, 2007, 8, 28-31.	2.6	16
51	The Efficacy of Antibacterial Travel Wash Soaps. Journal of Travel Medicine, 2006, 13, 114-114.	3.0	1
52	Shotgun Cloning and Heterologous Expression of the Patellamide Gene Cluster as a Strategy to Achieving Sustained Metabolite Production. ChemBioChem, 2005, 6, 1760-1765.	2.6	165
53	Plasticity of the Streptomyces Genome-Evolution and Engineering of New Antibiotics. Current Medicinal Chemistry, 2005, 12, 1697-1704.	2.4	39
54	Machine learning can differentiate venom toxins from other proteins having non-toxic physiological functions. PeerJ Computer Science, 0, 2, e90.	4.5	38