

Paul T Hamilton

List of Publications by Year in descending order

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29
papers

1,888
citations

566801

15
h-index

580395

25
g-index

33
all docs

33
docs citations

33
times ranked

1636
citing authors

#	ARTICLE	IF	CITATIONS
1	Remodeling hydrogen bond interactions results in relaxed specificity of Caspase-3. <i>Bioscience Reports</i> , 2021, 41, .	1.1	5
2	Caspases from scleractinian coral show unique regulatory features. <i>Journal of Biological Chemistry</i> , 2020, 295, 14578-14591.	1.6	10
3	Resurrection of ancestral effector caspases identifies novel networks for evolution of substrate specificity. <i>Biochemical Journal</i> , 2019, 476, 3475-3492.	1.7	22
4	An Internship May Not Be Enough: Enhancing Bioscience Industry Job Readiness through Practicum Experiences. <i>Journal of Microbiology and Biology Education</i> , 2017, 18, .	0.5	4
5	Identification of an Alternative to <i>Proteus vulgaris</i> as a Laboratory Standard for Hydrogen Sulfide Production. <i>Journal of Microbiology and Biology Education</i> , 2017, 18, .	0.5	2
6	Phage display and structural studies reveal plasticity in substrate specificity of caspase-3a from zebrafish. <i>Protein Science</i> , 2016, 25, 2076-2088.	3.1	16
7	Characterization of a thermophilic bacteriophage of <i>Geobacillus kaustophilus</i> . <i>Archives of Virology</i> , 2014, 159, 2771-2775.	0.9	15
8	Cooperative Learning through Team-Based Projects in the Biotechnology Industry. <i>Journal of Microbiology and Biology Education</i> , 2013, 14, 221-229.	0.5	3
9	Improved Bone Morphogenetic Protein-2 Retention in an Injectable Collagen Matrix Using Bifunctional Peptides. <i>PLoS ONE</i> , 2013, 8, e70715.	1.1	26
10	Preparing Science-Trained Professionals for the Biotechnology Industry: A Ten-Year Perspective on a Professional Science Master's Program. <i>Journal of Microbiology and Biology Education</i> , 2012, 13, 39-44.	0.5	3
11	Directed Assembly of PEGylated-Peptide Coatings for Infection-Resistant Titanium Metal. <i>Journal of the American Chemical Society</i> , 2009, 131, 10992-10997.	6.6	117
12	Endothelialization of Titanium Surfaces. <i>Advanced Materials</i> , 2007, 19, 2492-2498.	11.1	44
13	Intracellular Expression of Peptide Fusions for Demonstration of Protein Essentiality in Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2875-2881.	1.4	34
14	Surrogate Ligand-Based Assay Systems for Discovery of Antibacterial Agents for Genomic Targets. , 2003, , 173-185.		0
15	Phage display for target-based antibacterial drug discovery. <i>Drug Discovery Today</i> , 2001, 6, 721-727.	3.2	52
16	Identification of Enzyme Inhibitors from Phage-Displayed Combinatorial Peptide Libraries. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2001, 4, 535-543.	0.6	23
17	Detection of small-molecule enzyme inhibitors with peptides isolated from phage-displayed combinatorial peptide libraries. <i>Chemistry and Biology</i> , 2000, 7, 17-25.	6.2	93
18	Estrogen receptor (ER) modulators each induce distinct conformational changes in ER Δ and ER Δ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 3999-4004.	3.3	397

#	ARTICLE	IF	CITATIONS
19	Peptide Antagonists of the Human Estrogen Receptor. <i>Science</i> , 1999, 285, 744-746.	6.0	352
20	Dissection of the LXXLL Nuclear Receptor-Coactivator Interaction Motif Using Combinatorial Peptide Libraries: Discovery of Peptide Antagonists of Estrogen Receptors $\text{ER}\alpha$ and $\text{ER}\beta$. <i>Molecular and Cellular Biology</i> , 1999, 19, 8226-8239.	1.1	349
21	Applying Genetic Engineering to the Structural Analysis of Proteins. <i>Pharmaceutical Biotechnology</i> , 1995, 7, 329-350.	0.3	1
22	Expression of a single-chain antibody as a maltose binding protein fusion. <i>Protein Engineering, Design and Selection</i> , 1993, , .	1.0	0
23	Nucleotide sequence of the major outer membrane protein gene from <i>Chlamydia trachomatis</i> serovar H. <i>Nucleic Acids Research</i> , 1989, 17, 8366-8366.	6.5	36
24	A hydrogenase-linked gene in <i>Methanobacterium thermoautotrophicum</i> strain delta H encodes a polyferredoxin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 3031-3035.	3.3	127
25	Divergence of Methanogens, Conservation of the His I Gene Sequence in all Three Biological Kingdoms and the Status of <i>Methanobacterium Thermoautotrophicum</i> . , 1987, , 255-260.		3
26	Structure of methanogen genes. <i>Systematic and Applied Microbiology</i> , 1986, 7, 5-12.	1.2	29
27	Structure of genes and an insertion element in the methane producing archaeobacterium <i>Methanobrevibacter smithii</i> . <i>Molecular Genetics and Genomics</i> , 1985, 200, 47-59.	2.4	69
28	Sequence divergence of an archaeobacterial gene cloned from a mesophilic and a thermophilic methanogen. <i>Journal of Molecular Evolution</i> , 1985, 22, 351-360.	0.8	39
29	Beginning Genetics with Methanogens. , 1982, 19, 233-244.		17