

Jay M Short

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

7,325
citations

331670

21
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

6775
citing authors

#	ARTICLE	IF	CITATIONS
1	λ ZAP: a bacteriophage λ expression vector with vivo excision properties. <i>Nucleic Acids Research</i> , 1988, 16, 7583-7600.	14.5	1,484
2	Comparative Metagenomics of Microbial Communities. <i>Science</i> , 2005, 308, 554-557.	12.6	1,432
3	The complete genome of the hyperthermophilic bacterium <i>Aquifex aeolicus</i> . <i>Nature</i> , 1998, 392, 353-358.	27.8	1,120
4	Cultivating the uncultured. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15681-15686.	7.1	721
5	High-fidelity amplification using a thermostable DNA polymerase isolated from <i>Pyrococcus furiosus</i> . <i>Gene</i> , 1991, 108, 1-6.	2.2	543
6	The genome of <i>Nanoarchaeum equitans</i> : Insights into early archaeal evolution and derived parasitism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12984-12988.	7.1	488
7	Exploring Nitrilase Sequence Space for Enantioselective Catalysis. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2429-2436.	3.1	212
8	Analysis of spontaneous and induced mutations in transgenic mice using a lambda ZAP/lacI shuttle vector. <i>Environmental and Molecular Mutagenesis</i> , 1991, 18, 316-321.	2.2	201
9	A Novel, High Performance Enzyme for Starch Liquefaction. <i>Journal of Biological Chemistry</i> , 2002, 277, 26501-26507.	3.4	171
10	Transgenic systems for in vivo mutation analysis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 288, 133-149.	1.0	161
11	Development of a short-term, in vivo mutagenesis assay: the effects of methylation on the recovery of a lambda phage shuttle vector from transgenic mice. <i>Nucleic Acids Research</i> , 1990, 18, 3007-3007.	14.5	124
12	Discovery of Pectin-degrading Enzymes and Directed Evolution of a Novel Pectate Lyase for Processing Cotton Fabric. <i>Journal of Biological Chemistry</i> , 2005, 280, 9431-9438.	3.4	106
13	High-throughput Cultivation of Microorganisms Using Microcapsules. <i>Methods in Enzymology</i> , 2005, 397, 124-130.	1.0	90
14	Molecular Evolution: Recombinant approaches for accessing biodiversity. <i>Nature Biotechnology</i> , 1997, 15, 1322-1323.	17.5	74
15	The use of transgenic mice for short-term, in vivo mutagenicity testing. <i>Gene Analysis Techniques</i> , 1990, 7, 212-218.	1.0	73
16	A multifunctional hybrid glycosyl hydrolase discovered in an uncultured microbial consortium from ruminant gut. <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 113-124.	3.6	71
17	Modifications of the <i>E. coli</i> Lac repressor for expression in eukaryotic cells: effects of nuclear signal sequences on protein activity and nuclear accumulation. <i>Nucleic Acids Research</i> , 1992, 20, 1785-1791.	14.5	63
18	[43] In vivo excision properties of bacteriophage λ ZAP expression vectors. <i>Methods in Enzymology</i> , 1992, 216, 495-508.	1.0	57

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19	Gene Site Saturation Mutagenesis: A Comprehensive Mutagenesis Approach. <i>Methods in Enzymology</i> , 2004, 388, 3-11.	1.0	31
20	The use of selection in recovery of transgenic targets for mutation analysis. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 301, 99-105.	1.1	25
21	Spontaneous mutations in lacI-containing λ lysogens derived from transgenic mice: The observed patterns differ in liver and spleen. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1994, 311, 57-67.	1.0	25
22	Generating tumor-selective conditionally active biologic anti-CTLA4 antibodies via protein-associated chemical switches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
23	A selectable system for mutation detection in the Big Blue [®] lacI transgenic mouse system: what happens to the mutational spectra over time. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 352, 9-22.	1.0	14
24	Polycos vectors: a system for packaging filamentous phage and phagemid vectors using lambda phage packaging extracts. <i>Gene</i> , 1993, 137, 93-100.	2.2	8
25	Clone Excision Methods for the Lambda ZAP [®] -Based Vectors. , 1997, 69, 53-60.		5
26	Methods for generating plant genomic libraries. , 1994, , 363-381.		2
27	In Vivo Excision Properties of Bacteriophage λ ZAP Expression Vectors. , 1995, , 185-198.		1
28	cDNA Library Construction for the Lambda ZAP [®] -Based Vectors. , 1997, 69, 39-52.		1
29	cDNA Library Construction for the Lambda ZAP [®] -Based Vectors. , 1998, 81, 255-267.		1
30	cDNA Library Construction for the Lambda ZAP [®] -Based Vectors. , 2000, , 355-365.		0