

Patricia Siguier

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,738
citations

361045

20
h-index

580395

25
g-index

30
all docs

30
docs citations

30
times ranked

3606
citing authors

#	ARTICLE	IF	CITATIONS
1	Response from Varani et al. to "Comment on" the IS6 family, a clinically important group of insertion sequences including IS26™ by Ruth M. Hall. Mobile DNA, 2022, 13, 2.	1.3	0
2	DNA repair Nonhomologous Recombination: Bacterial Transposons. , 2021, , 303-312.		0
3	The IS6 family, a clinically important group of insertion sequences including IS26. Mobile DNA, 2021, 12, 11.	1.3	58
4	TnpAREP and REP sequences dissemination in bacterial genomes: REP recognition determinants. Nucleic Acids Research, 2021, 49, 6982-6995.	6.5	3
5	Intracellular Positioning Systems Limit the Entropic Eviction of Secondary Replicons Toward the Nucleoid Edges in Bacterial Cells. Journal of Molecular Biology, 2020, 432, 745-761.	2.0	21
6	Single-strand DNA processing: phylogenomics and sequence diversity of a superfamily of potential prokaryotic HuH endonucleases. BMC Genomics, 2018, 19, 475.	1.2	5
7	Known knowns, known unknowns and unknown unknowns in prokaryotic transposition. Current Opinion in Microbiology, 2017, 38, 171-180.	2.3	25
8	Everyman's Guide to Bacterial Insertion Sequences. Microbiology Spectrum, 2015, 3, MDNA3-0030-2014.	1.2	204
9	Insertion Sequence IS <i>26</i> Reorganizes Plasmids in Clinically Isolated Multidrug-Resistant Bacteria by Replicative Transposition. MBio, 2015, 6, e00762.	1.8	256
10	A TALE of Transposition: Tn <i>3</i> -Like Transposons Play a Major Role in the Spread of Pathogenicity Determinants of Xanthomonas citri and Other Xanthomonads. MBio, 2015, 6, e02505-14.	1.8	43
11	The Diversity of Prokaryotic DDE Transposases of the Mutator Superfamily, Insertion Specificity, and Association with Conjugation Machineries. Genome Biology and Evolution, 2014, 6, 260-272.	1.1	51
12	Bacterial insertion sequences: their genomic impact and diversity. FEMS Microbiology Reviews, 2014, 38, 865-891.	3.9	487
13	<i>IS<sup>Dra</sup>2</i> transposition in <i>Escherichia coli</i> is downregulated by <i>TnpB</i> . Molecular Microbiology, 2013, 88, 443-455.	1.2	46
14	IS 200 /IS 605 family single-strand transposition: mechanism of IS 608 strand transfer. Nucleic Acids Research, 2013, 41, 3302-3313.	6.5	24
15	Structuring the bacterial genome: Y1-transposases associated with REP-BIME sequences. Nucleic Acids Research, 2012, 40, 3596-3609.	6.5	43
16	ISsaga is an ensemble of web-based methods for high throughput identification and semi-automatic annotation of insertion sequences in prokaryotic genomes. Genome Biology, 2011, 12, R30.	13.9	340
17	ISbrowser: an extension of ISfinder for visualizing insertion sequences in prokaryotic genomes. Nucleic Acids Research, 2010, 38, D62-D68.	6.5	45
18	The <i>Arthrobacter arilaitensis</i> Re117 Genome Sequence Reveals Its Genetic Adaptation to the Surface of Cheese. PLoS ONE, 2010, 5, e15489.	1.1	82

#	ARTICLE	IF	CITATIONS
19	Structure, Function, and Evolution of the <i>Thiomonas</i> spp. Genome. <i>PLoS Genetics</i> , 2010, 6, e1000859.	1.5	123
20	The Complete Genome of <i>Propionibacterium freudenreichii</i> CIRM-BIA1T, a Hardy Actinobacterium with Food and Probiotic Applications. <i>PLoS ONE</i> , 2010, 5, e11748.	1.1	177
21	Single-Stranded DNA Transposition Is Coupled to Host Replication. <i>Cell</i> , 2010, 142, 398-408.	13.5	70
22	Route 66: investigations into the organisation and distribution of the IS66 family of prokaryotic insertion sequences. <i>Research in Microbiology</i> , 2010, 161, 136-143.	1.0	18
23	The new IS1595 family, its relation to IS1 and the frontier between insertion sequences and transposons. <i>Research in Microbiology</i> , 2009, 160, 232-241.	1.0	47
24	IS4 family goes genomic. <i>BMC Evolutionary Biology</i> , 2008, 8, 18.	3.2	58
25	A Tale of Two Oxidation States: Bacterial Colonization of Arsenic-Rich Environments. <i>PLoS Genetics</i> , 2007, 3, e53.	1.5	166
26	I am what I eat and I eat what I am: acquisition of bacterial genes by giant viruses. <i>Trends in Genetics</i> , 2007, 23, 10-15.	2.9	132
27	Insertion sequences in prokaryotic genomes. <i>Current Opinion in Microbiology</i> , 2006, 9, 526-531.	2.3	202
28	Everyman's Guide to Bacterial Insertion Sequences. , 0, , 555-590.		12