

Patricia Siguier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11582489/publications.pdf>

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	Bacterial insertion sequences: their genomic impact and diversity. FEMS Microbiology Reviews, 2014, 38, 865-891.	3.9	487
2	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
3	Insertion Sequence IS <i>26</i> Reorganizes Plasmids in Clinically Isolated Multidrug-Resistant Bacteria by Replicative Transposition. MBio, 2015, 6, e00762.	1.8	256
4	Everyman's Guide to Bacterial Insertion Sequences. Microbiology Spectrum, 2015, 3, MDNA3-0030-2014.	1.2	204
5	Insertion sequences in prokaryotic genomes. Current Opinion in Microbiology, 2006, 9, 526-531.	2.3	202
6	The Complete Genome of Propionibacterium freudenreichii CIRM-BIA1T, a Hardy Actinobacterium with Food and Probiotic Applications. PLoS ONE, 2010, 5, e11748.	1.1	177
7	A Tale of Two Oxidation States: Bacterial Colonization of Arsenic-Rich Environments. PLoS Genetics, 2007, 3, e53.	1.5	166
8	I am what I eat and I eat what I am: acquisition of bacterial genes by giant viruses. Trends in Genetics, 2007, 23, 10-15.	2.9	132
9	Structure, Function, and Evolution of the Thiomonas spp. Genome. PLoS Genetics, 2010, 6, e1000859.	1.5	123
10	The Arthrobacter arilaitensis Re117 Genome Sequence Reveals Its Genetic Adaptation to the Surface of Cheese. PLoS ONE, 2010, 5, e15489.	1.1	82
11	Single-Stranded DNA Transposition Is Coupled to Host Replication. Cell, 2010, 142, 398-408.	13.5	70
12	IS4 family goes genomic. BMC Evolutionary Biology, 2008, 8, 18.	3.2	58
13	The IS6 family, a clinically important group of insertion sequences including IS26. Mobile DNA, 2021, 12, 11.	1.3	58
14	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
15	The new IS1595 family, its relation to IS1 and the frontier between insertion sequences and transposons. Research in Microbiology, 2009, 160, 232-241.	1.0	47
16	<i>IS<sup>Dra</sup>2</i> transposition in <i>D<sup>einococcus radiodurans</sup></i> is downregulated by <i>TnpB</i> . Molecular Microbiology, 2013, 88, 443-455.	1.2	46
17	ISbrowser: an extension of ISfinder for visualizing insertion sequences in prokaryotic genomes. Nucleic Acids Research, 2010, 38, D62-D68.	6.5	45
18	Structuring the bacterial genome: Y1-transposases associated with REP-BIME sequences. Nucleic Acids Research, 2012, 40, 3596-3609.	6.5	43

#	ARTICLE	IF	CITATIONS
19	A TALE of Transposition: Tn <i>3</i> -Like Transposons Play a Major Role in the Spread of Pathogenicity Determinants of <i>Xanthomonas citri</i> and Other <i>Xanthomonads</i> . <i>MBio</i> , 2015, 6, e02505-14.	1.8	43
20	Known knowns, known unknowns and unknown unknowns in prokaryotic transposition. <i>Current Opinion in Microbiology</i> , 2017, 38, 171-180.	2.3	25
21	IS 200 /IS 605 family single-strand transposition: mechanism of IS 608 strand transfer. <i>Nucleic Acids Research</i> , 2013, 41, 3302-3313.	6.5	24
22	Intracellular Positioning Systems Limit the Entropic Eviction of Secondary Replicons Toward the Nucleoid Edges in Bacterial Cells. <i>Journal of Molecular Biology</i> , 2020, 432, 745-761.	2.0	21
23	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
24	Everyman's Guide to Bacterial Insertion Sequences. , 0, , 555-590.		12
25	Single-strand DNA processing: phylogenomics and sequence diversity of a superfamily of potential prokaryotic HuH endonucleases. <i>BMC Genomics</i> , 2018, 19, 475.	1.2	5
26	TnpAREP and REP sequences dissemination in bacterial genomes: REP recognition determinants. <i>Nucleic Acids Research</i> , 2021, 49, 6982-6995.	6.5	3
27	DNA repair Nonhomologous Recombination: Bacterial Transposons. , 2021, , 303-312.		0
28	Response from Varani et al. to "Comment on the IS6 family, a clinically important group of insertion sequences including IS26" by Ruth M. Hall. <i>Mobile DNA</i> , 2022, 13, 2.	1.3	0