

Stéphane Delmas

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,279
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	LvrD helicase, unlike Rep helicase, dismantles RecA nucleoprotein filaments in <i>Escherichia coli</i> . <i>EMBO Journal</i> , 2005, 24, 180-189.	7.8	243
2	The Complete Genome Sequence of <i>Haloferax volcanii</i> DS2, a Model Archaeon. <i>PLoS ONE</i> , 2010, 5, e9605.	2.5	234
3	Uncovering the Genome-Wide Transcriptional Responses of the Filamentous Fungus <i>Aspergillus niger</i> to Lignocellulose Using RNA Sequencing. <i>PLoS Genetics</i> , 2012, 8, e1002875.	3.5	157
4	Exploring fungal biodiversity: organic acid production by 66 strains of filamentous fungi. <i>Fungal Biology and Biotechnology</i> , 2014, 1, 1-14.	5.1	119
5	The role of carbon starvation in the induction of enzymes that degrade plant-derived carbohydrates in <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2014, 72, 34-47.	2.1	95
6	Genome-wide transcriptional response of <i>Trichoderma reesei</i> to lignocellulose using RNA sequencing and comparison with <i>Aspergillus niger</i> . <i>BMC Genomics</i> , 2013, 14, 541.	2.8	86
7	Mre11-Rad50 Promotes Rapid Repair of DNA Damage in the Polyploid Archaeon <i>Haloferax volcanii</i> by Restraining Homologous Recombination. <i>PLoS Genetics</i> , 2009, 5, e1000552.	3.5	77
8	Reshuffling yeast chromosomes with CRISPR/Cas9. <i>PLoS Genetics</i> , 2019, 15, e1008332.	3.5	62
9	RNA-sequencing reveals the complexities of the transcriptional response to lignocellulosic biofuel substrates in <i>Aspergillus niger</i> . <i>Fungal Biology and Biotechnology</i> , 2014, 1, 3.	5.1	41
10	DNA damage induces nucleoid compaction via the Mre11-Rad50 complex in the archaeon <i>Haloferax volcanii</i> . <i>Molecular Microbiology</i> , 2013, 87, 168-179.	2.5	37
11	Interplay between replication and recombination in <i>Escherichia coli</i> : Impact of the alternative DNA polymerases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4564-4569.	7.1	34
12	Development of an Unmarked Gene Deletion System for the Filamentous Fungi <i>Aspergillus niger</i> and <i>Talaromyces versatilis</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 3484-3487.	3.1	22
13	The evolution of the temporal program of genome replication. <i>Nature Communications</i> , 2018, 9, 2199.	12.8	19
14	Cellular response to horizontally transferred DNA in <i>Escherichia coli</i> is tuned by DNA repair systems. <i>DNA Repair</i> , 2005, 4, 221-229.	2.8	18
15	Expression of <i>Aspergillus niger</i> CAZymes is determined by compositional changes in wheat straw generated by hydrothermal or ionic liquid pretreatments. <i>Biotechnology for Biofuels</i> , 2017, 10, 35.	6.2	18
16	A Versatile Protocol to Generate Translocations in Yeast Genomes Using CRISPR/Cas9. <i>Methods in Molecular Biology</i> , 2021, 2196, 181-198.	0.9	7
17	<i>top1b</i> , a phylogenetic hallmark gene of Thaumarchaeota encodes a functional eukaryote-like topoisomerase IB. <i>Nucleic Acids Research</i> , 2016, 44, 2795-2805.	14.5	5
18	Succession of physiological stages hallmarks the transcriptomic response of the fungus <i>Aspergillus niger</i> to lignocellulose. <i>Biotechnology for Biofuels</i> , 2020, 13, 69.	6.2	4