

HÃ©lÃ¨ne Debat

List of Publications by Year in descending order

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13
papers

443
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840776

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docs citations

13
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Archaea: A Gold Mine for Topoisomerase Diversity. <i>Frontiers in Microbiology</i> , 2021, 12, 661411.	3.5	10
2	Direct observation of helicaseâ€™topoisomerase coupling within reverse gyrase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10856-10864.	7.1	11
3	TopA, the <i>Sulfolobus solfataricus</i> topoisomerase III, is a decatenase. <i>Nucleic Acids Research</i> , 2018, 46, 861-872.	14.5	39
4	Type IA DNA Topoisomerases: A Universal Core and Multiple Activities. <i>Methods in Molecular Biology</i> , 2018, 1703, 1-20.	0.9	24
5	RNA topoisomerase is prevalent in all domains of life and associates with polyribosomes in animals. <i>Nucleic Acids Research</i> , 2016, 44, 6335-6349.	14.5	63
6	<i>Reactibodies</i> generated by kinetic selection couple chemical reactivity with favorable protein dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15954-15959.	7.1	48
7	Human Genetic Polymorphisms in T1R1 and T1R3 Taste Receptor Subunits Affect Their Function. <i>Chemical Senses</i> , 2011, 36, 527-537.	2.0	58
8	Identification of Human Olfactory Cleft Mucus Proteins Using Proteomic Analysis. <i>Journal of Proteome Research</i> , 2007, 6, 1985-1996.	3.7	73
9	Odorant Binding and Conformational Dynamics in the Odorant-binding Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 29929-29937.	3.4	46
10	Expression of a functional scFv fragment of an anti-idiotypic antibody with a β -lactam hydrolytic activity. <i>Immunology Letters</i> , 2006, 103, 39-44.	2.5	24
11	In Vivo Evolution of a β -lactamase-like Activity Throughout the Idiotypic Pathway. <i>Biocatalysis and Biotransformation</i> , 2003, 21, 79-85.	2.0	4
12	A suicide-substrate mechanism for hydrolysis of β -lactams by an anti-idiotypic catalytic antibody. <i>FEBS Letters</i> , 2001, 489, 25-28.	2.8	17
13	Overpassing an aberrant V λ 3 gene to sequence an anti-idiotypic abzyme with β -lactamase-like activity that could have a linkage with autoimmune diseases. <i>FASEB Journal</i> , 2001, 15, 815-822.	0.5	26