

HÃ©lÃ¨ne Debat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7190794/publications.pdf>

Version: 2024-02-01

13
papers

443
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Human Olfactory Cleft Mucus Proteins Using Proteomic Analysis. <i>Journal of Proteome Research</i> , 2007, 6, 1985-1996.	3.7	73
2	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
3	Human Genetic Polymorphisms in T1R1 and T1R3 Taste Receptor Subunits Affect Their Function. <i>Chemical Senses</i> , 2011, 36, 527-537.	2.0	58
4	<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
5	Odorant Binding and Conformational Dynamics in the Odorant-binding Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 29929-29937.	3.4	46
6	TopA, the <i>Sulfolobus solfataricus</i> topoisomerase III, is a decatenase. <i>Nucleic Acids Research</i> , 2018, 46, 861-872.	14.5	39
7	Overpassing an aberrant VÎš gene to sequence an antiâ€idiotypic abzyme with Î²â€lactamaseâ€like activity that could have a linkage with autoimmune diseases. <i>FASEB Journal</i> , 2001, 15, 815-822.	0.5	26
8	Expression of a functional scFv fragment of an anti-idiotypic antibody with a Î²-lactam hydrolytic activity. <i>Immunology Letters</i> , 2006, 103, 39-44.	2.5	24
9	Type IA DNA Topoisomerases: A Universal Core and Multiple Activities. <i>Methods in Molecular Biology</i> , 2018, 1703, 1-20.	0.9	24
10	A suicide-substrate mechanism for hydrolysis of Î²-lactams by an anti-idiotypic catalytic antibody. <i>FEBS Letters</i> , 2001, 489, 25-28.	2.8	17
11	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
12	Archaea: A Gold Mine for Topoisomerase Diversity. <i>Frontiers in Microbiology</i> , 2021, 12, 661411.	3.5	10
13	In Vivo Evolution of a Î²-lactamase-like Activity Throughout the Idiotypic Pathway. <i>Biocatalysis and Biotransformation</i> , 2003, 21, 79-85.	2.0	4