

Arnaud De Muyt

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

729
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	A DNA topoisomerase VI-like complex initiates meiotic recombination. <i>Science</i> , 2016, 351, 939-943.	12.6	203
2	Crossing and zipping: molecular duties of the ZMM proteins in meiosis. <i>Chromosoma</i> , 2019, 128, 181-198.	2.2	114
3	A meiotic XPF-ERCC1-like complex recognizes joint molecule recombination intermediates to promote crossover formation. <i>Genes and Development</i> , 2018, 32, 283-296.	5.9	98
4	E3 ligase Hei10: a multifaceted structure-based signaling molecule with roles within and beyond meiosis. <i>Genes and Development</i> , 2014, 28, 1111-1123.	5.9	78
5	Identification of ASYNAPTIC4, a Component of the Meiotic Chromosome Axis. <i>Plant Physiology</i> , 2018, 178, 233-246.	4.8	57
6	Interference-mediated synaptonemal complex formation with embedded crossover designation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5059-68.	7.1	54
7	Building bridges to move recombination complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12400-12409.	7.1	39
8	Conservation and divergence of meiotic DNA double strand break forming mechanisms in <i>Arabidopsis thaliana</i> . <i>Nucleic Acids Research</i> , 2021, 49, 9821-9835.	14.5	33
9	Crossover recombination and synapsis are linked by adjacent regions within the N terminus of the Zip1 synaptonemal complex protein. <i>PLoS Genetics</i> , 2019, 15, e1008201.	3.5	31
10	The Zip4 protein directly couples meiotic crossover formation to synaptonemal complex assembly. <i>Genes and Development</i> , 2022, 36, 53-69.	5.9	22