

David Cornu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

474
citations

1163117
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docs citations

11
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	An histidine covalent receptor and butenolide complex mediates strigolactone perception. <i>Nature Chemical Biology</i> , 2016, 12, 787-794.	8.0	244
2	Deciphering the reading of the genetic code by near-cognate tRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3018-3023.	7.1	44
3	Factors influencing readthrough therapy for frequent cystic fibrosis premature termination codons. <i>ERJ Open Research</i> , 2018, 4, 00080-2017.	2.6	42
4	A <i>Phelipanche ramosa</i> KAI2 protein perceives strigolactones and isothiocyanates enzymatically. <i>Plant Communications</i> , 2021, 2, 100166.	7.7	31
5	Ubiquitylation Dynamics of the Clock Cell Proteome and TIMELESS during a Circadian Cycle. <i>Cell Reports</i> , 2018, 23, 2273-2282.	6.4	29
6	The <i>Physcomitrium</i> (<i>Physcomitrella</i>) <i>patens</i> PpKAI2L receptors for strigolactones and related compounds function via MAX2-dependent and -independent pathways. <i>Plant Cell</i> , 2021, 33, 3487-3512.	6.6	26
7	Analysis of DNAs associated with coconut foliar decay disease implicates a unique single-stranded DNA virus representing a new taxon. <i>Scientific Reports</i> , 2018, 8, 5698.	3.3	19
8	Structural and functional analyses explain Pea KAI2 receptor diversity and reveal stereoselective catalysis during signal perception. <i>Communications Biology</i> , 2022, 5, 126.	4.4	18
9	Translational activators and mitoribosomal isoforms cooperate to mediate mRNA-specific translation in <i>Schizosaccharomyces pombe</i> mitochondria. <i>Nucleic Acids Research</i> , 2021, 49, 11145-11166.	14.5	8
10	Role of the unique, non-essential phosphatidylglycerol::prolipoprotein diacylglyceryl transferase (Lgt) in <i>Corynebacterium glutamicum</i> . <i>Microbiology (United Kingdom)</i> , 2020, 166, 759-776.	1.8	7
11	A structural homologue of the plant receptor D14 mediates responses to strigolactones in the fungal phytopathogen <i>Cryphonectria parasitica</i> . <i>New Phytologist</i> , 2022, 234, 1003-1017.	7.3	6