

Elisabeth Kaltenegger

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

252
citations

1307594

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1588992

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all docs

9
docs citations

9
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrrrolizidine alkaloid biosynthesis, evolution of a pathway in plant secondary metabolism. <i>Phytochemistry</i> , 2009, 70, 1687-1695.	2.9	68
2	New aspect of plant-rhizobia interaction: Alkaloid biosynthesis in <i>Crotalaria</i> depends on nodulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4164-4169.	7.1	52
3	Evolution of Homospermidine Synthase in the Convolvulaceae: A Story of Gene Duplication, Gene Loss, and Periods of Various Selection Pressures. <i>Plant Cell</i> , 2013, 25, 1213-1227.	6.6	38
4	Paralogue Interference Affects the Dynamics after Gene Duplication. <i>Trends in Plant Science</i> , 2015, 20, 814-821.	8.8	31
5	Pyrrrolizidine Alkaloid Biosynthesis in <i>Phalaenopsis</i> Orchids: Developmental Expression of Alkaloid-Specific Homospermidine Synthase in Root Tips and Young Flower Buds. <i>Plant Physiology</i> , 2008, 148, 751-760.	4.8	23
6	The effects of repeated whole genome duplication events on the evolution of cytokinin signaling pathway. <i>BMC Evolutionary Biology</i> , 2018, 18, 76.	3.2	23
7	Insights into polyamine metabolism: homospermidine is double-oxidized in two discrete steps by a single copper-containing amine oxidase in pyrrrolizidine alkaloid biosynthesis. <i>Plant Cell</i> , 2022, 34, 2364-2382.	6.6	11
8	Development of an activity assay for characterizing deoxyhypusine synthase and its diverse reaction products. <i>FEBS Open Bio</i> , 2021, 11, 10-25.	2.3	5
9	Environmental preferences of <i>Longitarsus jacobaeae</i> , a biocontrol agent of <i>Jacobaea vulgaris</i> , in northern Germany. <i>Biological Control</i> , 2021, 164, 104740.	3.0	1