

Johan Andersen-Ranberg

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

818
citations

759233

12
h-index

1199594

12
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14
all docs

14
docs citations

14
times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	Manoyl Oxide (13R), the Biosynthetic Precursor of Forskolin, Is Synthesized in Specialized Root Cork Cells in <i>Coleus forskohlii</i> . <i>Plant Physiology</i> , 2014, 164, 1222-1236.	4.8	135
2	Expanding the Landscape of Diterpene Structural Diversity through Stereochemically Controlled Combinatorial Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2142-2146.	13.8	134
3	Metabolic Engineering of <i>Synechocystis</i> sp. PCC 6803 for Production of the Plant Diterpenoid Manoyl Oxide. <i>ACS Synthetic Biology</i> , 2015, 4, 1270-1278.	3.8	113
4	Total biosynthesis of the cyclic AMP booster forskolin from <i>Coleus forskohlii</i> . <i>ELife</i> , 2017, 6, .	6.0	97
5	Oxidation and cyclization of casbene in the biosynthesis of <i>Euphorbia</i> factors from mature seeds of <i>Euphorbia lathyris</i> L.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5082-9.	7.1	76
6	The terpene synthase gene family in <i>Tripterygium wilfordii</i> harbors a labdane-type diterpene synthase among the monoterpene synthase TPS subfamily. <i>Plant Journal</i> , 2017, 89, 429-441.	5.7	61
7	High-Throughput Testing of Terpenoid Biosynthesis Candidate Genes Using Transient Expression in <i>Nicotiana benthamiana</i> . <i>Methods in Molecular Biology</i> , 2014, 1153, 245-255.	0.9	51
8	An algal enzyme required for biosynthesis of the most abundant marine carotenoids. <i>Science Advances</i> , 2020, 6, eaaw9183.	10.3	41
9	Localization and in-Vivo Characterization of <i>Thapsia garganica</i> CYP76AE2 Indicates a Role in Thapsigargin Biosynthesis. <i>Plant Physiology</i> , 2017, 174, 56-72.	4.8	35
10	Heterologous expression of the isopimaric acid pathway in <i>Nicotiana benthamiana</i> and the effect of N-terminal modifications of the involved cytochrome P450 enzyme. <i>Journal of Biological Engineering</i> , 2015, 9, 24.	4.7	32
11	Synthesis of Glucosylated Octaketide Anthraquinones in <i>Nicotiana benthamiana</i> by Using a Multispecies-Based Biosynthetic Pathway. <i>ChemBioChem</i> , 2017, 18, 1893-1897.	2.6	24
12	Circular biomanufacturing through harvesting solar energy and CO ₂ . <i>Trends in Plant Science</i> , 2022, 27, 655-673.	8.8	18