

Eric Soubeyrand

List of Publications by Year in descending order

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13
papers

513
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	Kaempferol as a precursor for ubiquinone (coenzyme Q) biosynthesis: An atypical node between specialized metabolism and primary metabolism. <i>Current Opinion in Plant Biology</i> , 2022, 66, 102165.	7.1	9
2	3-O-glycosylation of kaempferol restricts the supply of the benzenoid precursor of ubiquinone (Coenzyme Q) in <i>Arabidopsis thaliana</i> . <i>Phytochemistry</i> , 2021, 186, 112738.	2.9	6
3	A dedicated flavin-dependent monooxygenase catalyzes the hydroxylation of demethoxyubiquinone into ubiquinone (coenzyme Q) in <i>Arabidopsis</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 101283.	3.4	10
4	Metabolism of the Flavonol Kaempferol in Kidney Cells Liberates the B-ring to Enter Coenzyme Q Biosynthesis. <i>Molecules</i> , 2020, 25, 2955.	3.8	8
5	Multiomics resolution of molecular events during a day in the life of <i>Chlamydomonas</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2374-2383.	7.1	133
6	<i>Arabidopsis</i> <i>4-COUMAROYL-COA LIGASE 8</i> contributes to the biosynthesis of the benzenoid ring of coenzyme Q in peroxisomes. <i>Biochemical Journal</i> , 2019, 476, 3521-3532.	3.7	14
7	The Peroxidative Cleavage of Kaempferol Contributes to the Biosynthesis of the Benzenoid Moiety of Ubiquinone in Plants. <i>Plant Cell</i> , 2018, 30, 2910-2921.	6.6	48
8	Constraint-Based Modeling Highlights Cell Energy, Redox Status and α -Ketoglutarate Availability as Metabolic Drivers for Anthocyanin Accumulation in Grape Cells Under Nitrogen Limitation. <i>Frontiers in Plant Science</i> , 2018, 9, 421.	3.6	42
9	Metabolic reconstructions identify plant α -methylglutaconyl-CoA hydratase that is crucial for branched-chain amino acid catabolism in mitochondria. <i>Plant Journal</i> , 2018, 95, 358-370.	5.7	14
10	Bilin-Dependent Photoacclimation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2017, 29, 2711-2726.	6.6	36
11	Phylloquinone (Vitamin K1): Occurrence, Biosynthesis and Functions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 1028-1038.	2.4	59
12	Subcellular localization and trafficking of phytolongins (non-SNARE longins) in the plant secretory pathway. <i>Journal of Experimental Botany</i> , 2016, 67, 2627-2639.	4.8	11
13	Nitrogen supply affects anthocyanin biosynthetic and regulatory genes in grapevine cv. Cabernet-Sauvignon berries. <i>Phytochemistry</i> , 2014, 103, 38-49.	2.9	123