

Barbara Wã³jciowska

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

778
citations

840776

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1199594

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all docs

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docs citations

13
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	LEAFY COTYLEDON2 (LEC2) promotes embryogenic induction in somatic tissues of Arabidopsis, via YUCCA-mediated auxin biosynthesis. <i>Planta</i> , 2013, 238, 425-440.	3.2	149
2	Maternal auxin supply contributes to early embryo patterning in Arabidopsis. <i>Nature Plants</i> , 2018, 4, 548-553.	9.3	123
3	Expression profiling of AUXIN RESPONSE FACTOR genes during somatic embryogenesis induction in Arabidopsis. <i>Plant Cell Reports</i> , 2017, 36, 843-858.	5.6	119
4	Current Perspectives on the Auxin-Mediated Genetic Network that Controls the Induction of Somatic Embryogenesis in Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1333.	4.1	91
5	Azacidine (5-AzaC)-treatment and mutations in DNA methylase genes affect embryogenic response and expression of the genes that are involved in somatic embryogenesis in Arabidopsis. <i>Plant Growth Regulation</i> , 2018, 85, 243-256.	3.4	65
6	ERF022 impacts the induction of somatic embryogenesis in Arabidopsis through the ethylene-related pathway. <i>Planta</i> , 2015, 241, 967-985.	3.2	58
7	Epigenetic Regulation of Auxin-Induced Somatic Embryogenesis in Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2307.	4.1	44
8	Trichostatin A Triggers an Embryogenic Transition in Arabidopsis Explants via an Auxin-Related Pathway. <i>Frontiers in Plant Science</i> , 2018, 9, 1353.	3.6	41
9	Somatic Embryogenesis in Arabidopsis. , 2016, , 185-199.		23
10	Evaluation of different embryogenic systems for production of true somatic embryos in Arabidopsis. <i>Biologia Plantarum</i> , 2012, 56, 401-408.	1.9	22
11	LEAFY COTYLEDON2-mediated control of the endogenous hormone content: implications for the induction of somatic embryogenesis in Arabidopsis. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 255-258.	2.3	17
12	Immature Zygotic Embryo Cultures of Arabidopsis. A Model System for Molecular Studies on Morphogenic Pathways Induced In Vitro. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2011, 53, .	0.5	13
13	Insights into the Histone Acetylation-Mediated Regulation of the Transcription Factor Genes That Control the Embryogenic Transition in the Somatic Cells of Arabidopsis. <i>Cells</i> , 2022, 11, 863.	4.1	13