

Suvi T HÃkkinen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,347
citations

623734

14
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	A functional genomics approach toward the understanding of secondary metabolism in plant cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8595-8600.	7.1	378
2	Jasmonate signaling involves the abscisic acid receptor PYL4 to regulate metabolic reprogramming in <i>Arabidopsis</i> and tobacco. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5891-5896.	7.1	228
3	Hairy Root Cultures – A Versatile Tool With Multiple Applications. Frontiers in Plant Science, 2020, 11, 33.	3.6	147
4	Production of tropane alkaloids in diploid and tetraploid plants and in vitro hairy root cultures of Egyptian henbane (<i>Hyoscyamus muticus</i> L.). Plant Cell, Tissue and Organ Culture, 2012, 110, 35-44.	2.3	84
5	Enhanced secretion of tropane alkaloids in <i>Nicotiana tabacum</i> hairy roots expressing heterologous hyoscyamine-6 β -hydroxylase. Journal of Experimental Botany, 2005, 56, 2611-2618.	4.8	80
6	Secretion of Secondary Metabolites by ATP-Binding Cassette Transporters in Plant Cell Suspension Cultures. Plant Physiology, 2003, 131, 1161-1164.	4.8	58
7	Functional characterisation of genes involved in pyridine alkaloid biosynthesis in tobacco. Phytochemistry, 2007, 68, 2773-2785.	2.9	54
8	Exploring the Metabolic Stability of Engineered Hairy Roots after 16 Years Maintenance. Frontiers in Plant Science, 2016, 7, 1486.	3.6	50
9	Contributions of the international plant science community to the fight against human infectious diseases – part 1: epidemic and pandemic diseases. Plant Biotechnology Journal, 2021, 19, 1901-1920.	8.3	44
10	Contributions of the international plant science community to the fight against infectious diseases in humans – part 2: Affordable drugs in edible plants for endemic and re-emerging diseases. Plant Biotechnology Journal, 2021, 19, 1921-1936.	8.3	31
11	Tobacco BY-2 Media Component Optimization for a Cost-Efficient Recombinant Protein Production. Frontiers in Plant Science, 2018, 9, 45.	3.6	30
12	Anatalline and Other Methyl Jasmonate-Inducible Nicotine Alkaloids from <i>Nicotiana tabacum</i> cv. BY-2 Cell Cultures. Planta Medica, 2004, 70, 936-941.	1.3	26
13	Inactivation of the germacrene A synthase genes by CRISPR/Cas9 eliminates the biosynthesis of sesquiterpene lactones in <i>Cichorium intybus</i> L.. Plant Biotechnology Journal, 2021, 19, 2442-2453.	8.3	22
14	Chicory Extracts and Sesquiterpene Lactones Show Potent Activity against Bacterial and Fungal Pathogens. Pharmaceuticals, 2021, 14, 941.	3.8	22
15	Plant cell cultures as food – aspects of sustainability and safety. Plant Cell Reports, 2020, 39, 1655-1668.	5.6	21
16	Progress and Prospects of Hairy Root Research. , 2018, , 3-19.		18
17	Differential patterns of dehydroabietic acid biotransformation by <i>Nicotiana tabacum</i> and <i>Catharanthus roseus</i> cells. Journal of Biotechnology, 2012, 157, 287-294.	3.8	14
18	Metabolic Engineering of the Alkaloid Biosynthesis in Plants: Functional Genomics Approaches. , 2007, , 109-127.		13

#	ARTICLE	IF	CITATIONS
19	Bioconversion to Raspberry Ketone is Achieved by Several Non-related Plant Cell Cultures. <i>Frontiers in Plant Science</i> , 2015, 6, 1035.	3.6	12
20	Life cycle assessment of plant cell cultures. <i>Science of the Total Environment</i> , 2022, 808, 151990.	8.0	12
21	Improving yield of a recombinant biologic in a <i>Brassica</i> hairy root manufacturing process. <i>Biotechnology and Bioengineering</i> , 0, , .	3.3	2
22	Biotransformation of Cyclodextrine-Complexed Semisynthetic Betulin Derivatives by Plant Cells. <i>Planta Medica</i> , 2018, 84, 743-748.	1.3	1