

Natali Mustafa

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

737
citations

567281

15
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Monoterpenoid indole alkaloids biosynthesis and its regulation in <i>Catharanthus roseus</i> : a literature review from genes to metabolites. <i>Phytochemistry Reviews</i> , 2016, 15, 221-250.	6.5	146
2	Application of natural deep eutectic solvents for the "green" extraction of vanillin from vanilla pods. <i>Flavour and Fragrance Journal</i> , 2018, 33, 91-96.	2.6	109
3	Phenolic compounds in <i>Catharanthus roseus</i> . <i>Phytochemistry Reviews</i> , 2007, 6, 243-258.	6.5	79
4	Natural Deep Eutectic Solvent Extraction of Flavonoids of <i>Scutellaria baicalensis</i> as a Replacement for Conventional Organic Solvents. <i>Molecules</i> , 2020, 25, 617.	3.8	69
5	Chorismate derived C6C1 compounds in plants. <i>Planta</i> , 2005, 222, 1-5.	3.2	40
6	Phytochemicals as a potential source for TNF- α inhibitors. <i>Phytochemistry Reviews</i> , 2013, 12, 65-93.	6.5	37
7	Metabolic changes of salicylic acid-elicited <i>Catharanthus roseus</i> cell suspension cultures monitored by NMR-based metabolomics. <i>Biotechnology Letters</i> , 2009, 31, 1967-1974.	2.2	34
8	A simple and rapid HPLC-DAD method for simultaneously monitoring the accumulation of alkaloids and precursors in different parts and different developmental stages of <i>Catharanthus roseus</i> plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1014, 10-16.	2.3	34
9	Jasmonic Acid Effect on the Fatty Acid and Terpenoid Indole Alkaloid Accumulation in Cell Suspension Cultures of <i>Catharanthus roseus</i> . <i>Molecules</i> , 2014, 19, 10242-10260.	3.8	32
10	Solubility and Stability of Some Pharmaceuticals in Natural Deep Eutectic Solvents-Based Formulations. <i>Molecules</i> , 2021, 26, 2645.	3.8	32
11	Induction, characterization, and NMR-based metabolic profiling of adventitious root cultures from leaf explants of <i>Gynura procumbens</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 465-475.	2.3	30
12	Analysis of metabolites in the terpenoid pathway of <i>Catharanthus roseus</i> cell suspensions. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 225-239.	2.3	29
13	Rapid Method for Determination of Galanthamine in Amaryllidaceae Plants Using HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 3217-3233.	1.0	25
14	Metabolic alteration of <i>Catharanthus roseus</i> cell suspension cultures overexpressing geraniol synthase in the plastids or cytosol. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 41-53.	2.3	21
15	Metabolic alterations and distribution of five-carbon precursors in jasmonic acid-elicited <i>Catharanthus roseus</i> cell suspension cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 122, 351-362.	2.3	16
16	Hydroxylation and glycosylation of Δ^9 -tetrahydrocannabinol by <i>Catharanthus roseus</i> cell suspension culture. <i>Biocatalysis and Biotransformation</i> , 2015, 33, 279-286.	2.0	4
17	Analysis of Terpenoid Indole Alkaloids, Carotenoids, Phytosterols, and NMR-Based Metabolomics for <i>Catharanthus roseus</i> Cell Suspension Cultures. <i>Methods in Molecular Biology</i> , 2018, 1815, 437-455.	0.9	0