

Dominique Laurain-Mattar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

533
citations

516561

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Molecular Identification of Endophytic Bacteria in <i>Leucojum aestivum</i> In Vitro Culture, NMR-Based Metabolomics Study and LC-MS Analysis Leading to Potential Amaryllidaceae Alkaloid Production. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1773.	1.8	14
2	<i>Aloe djiboutiensis</i> : Antioxidant Activity, Molecular Networking-Based Approach and In Vivo Toxicity of This Endemic Species in Djibouti. <i>Molecules</i> , 2021, 26, 3046.	1.7	3
3	Accumulation of ajmalicine and vinblastine in cell cultures is enhanced by endophytic fungi of <i>Catharanthus roseus</i> cv. Icy Pink. <i>Industrial Crops and Products</i> , 2020, 158, 112776.	2.5	11
4	Evaluation of Antiviral, Antibacterial and Antiproliferative Activities of the Endophytic Fungus <i>Curvularia papendorffii</i> , and Isolation of a New Polyhydroxyacid. <i>Microorganisms</i> , 2020, 8, 1353.	1.6	27
5	Evaluation of Antioxidant and Antibacterial Activities, Cytotoxicity of <i>Acacia seyal</i> Del Bark Extracts and Isolated Compounds. <i>Molecules</i> , 2020, 25, 2392.	1.7	26
6	Carbohydrates stimulated Amaryllidaceae alkaloids biosynthesis in <i>Leucojum aestivum</i> L. plants cultured in RITA [®] bioreactor. <i>PeerJ</i> , 2020, 8, e8688.	0.9	11
7	Exogenous melatonin stimulated Amaryllidaceae alkaloid biosynthesis in in vitro cultures of <i>Leucojum aestivum</i> L. <i>Industrial Crops and Products</i> , 2019, 138, 111458.	2.5	27
8	Screening of Amaryllidaceae alkaloids in bulbs and tissue cultures of <i>Narcissus papyraceus</i> and four varieties of <i>N. tazetta</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 230-237.	1.4	29
9	Diversity of natural products of the genera <i>Curvularia</i> and <i>Bipolaris</i> . <i>Fungal Biology Reviews</i> , 2019, 33, 101-122.	1.9	38
10	Du végétal à l'homéopathie, intérêts des plantes carnivores en thérapeutique. <i>Actualités Pharmaceutiques</i> , 2018, 57, 54-57.	0.0	0
11	Critères de qualité des huiles essentielles. <i>Actualités Pharmaceutiques</i> , 2018, 57, 18-20.	0.0	2
12	Rapid screening for bioactive natural compounds in <i>Indigofera caerulea</i> Rox fruits. <i>Industrial Crops and Products</i> , 2018, 125, 123-130.	2.5	11
13	Elicitation of galanthamine and lycorine biosynthesis by <i>Leucojum aestivum</i> L. and <i>L. aestivum</i> Gravy Giant [™] plants cultured in bioreactor RITA [®] . <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 335-345.	1.2	21
14	Endophytic fungi associated with Sudanese medicinal plants show cytotoxic and antibiotic potential. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw089.	0.7	28
15	Stimulating effect of both methylornbelladine feeding and temporary immersion conditions on galanthamine and lycorine production by <i>Leucojum aestivum</i> L. bulblets. <i>Engineering in Life Sciences</i> , 2016, 16, 731-739.	2.0	21
16	A pilot study of antioxidant potential of endophytic fungi from some Sudanese medicinal plants. <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 701-704.	0.4	53
17	<i>Leucojum aestivum</i> plants propagated in in vitro bioreactor culture and on solid media containing cytokinins. <i>Engineering in Life Sciences</i> , 2013, 13, 261-270.	2.0	29
18	Antioxidant and antiglycation properties of <i>Hydnora johannis</i> roots. <i>South African Journal of Botany</i> , 2013, 84, 124-127.	1.2	35

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19	Influence of auxins on somatic embryogenesis and alkaloid accumulation in <i>Leucojum aestivum</i> callus. <i>Open Life Sciences</i> , 2013, 8, 591-599.	0.6	17
20	Kinetic Study of the Rearrangement of Deuterium-Labeled 4- ² O-Methylnorbelladine in <i>Leucojum aestivum</i> Shoot Cultures by Mass Spectrometry. Influence of Precursor Feeding on Amaryllidaceae Alkaloid Accumulation. <i>Journal of Natural Products</i> , 2011, 74, 2356-2361.	1.5	20
21	Effects of sucrose and plant growth regulators on acetylcholinesterase inhibitory activity of alkaloids accumulated in shoot cultures of Amaryllidaceae. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 106, 381-390.	1.2	38
22	New method for the study of Amaryllidaceae alkaloid biosynthesis using biotransformation of deuterium-labeled precursor in tissue cultures.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.3	26
23	LCMS and GCMS for the Screening of Alkaloids in Natural and <i>in Vitro</i> Extracts of <i>Leucojum aestivum</i> . <i>Journal of Natural Products</i> , 2009, 72, 142-147.	1.5	46