

Dominique Laurain-Mattar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

533
citations

516561

16
h-index

677027

22
g-index

23
all docs

23
docs citations

23
times ranked

459
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Antioxidant and antiglycation properties of <i>Hydnora johannis</i> roots. <i>South African Journal of Botany</i> , 2013, 84, 124-127. | 1.2 | 35 |
| 6 | <i>Leucojum aestivum</i> plants propagated in <i>in vitro</i> bioreactor culture and on solid media containing cytokinins. <i>Engineering in Life Sciences</i> , 2013, 13, 261-270. | 2.0 | 29 |
| 7 | 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 |
| 8 | Endophytic fungi associated with Sudanese medicinal plants show cytotoxic and antibiotic potential. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw089. | 0.7 | 28 |
| 9 | Exogenous melatonin stimulated Amaryllidaceae alkaloid biosynthesis in <i>in vitro</i> cultures of <i>Leucojum aestivum</i> L. <i>Industrial Crops and Products</i> , 2019, 138, 111458. | 2.5 | 27 |
| 10 | Evaluation of Antiviral, Antibacterial and Antiproliferative Activities of the Endophytic Fungus <i>Curvularia papendorfii</i> , and Isolation of a New Polyhydroxyacid. <i>Microorganisms</i> , 2020, 8, 1353. | 1.6 | 27 |
| 11 | 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 |
| 12 | 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 |
| 13 | Stimulating effect of both $4\text{-}^{15}\text{O}$ -methylnorbelladine 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 |
| 14 | Elicitation of galanthamine and lycorine biosynthesis by <i>Leucojum aestivum</i> L. and <i>L. aestivum</i> "Gravity Giant" plants cultured in bioreactor RITAA [®] . <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 335-345. | 1.2 | 21 |
| 15 | Kinetic Study of the Rearrangement of Deuterium-Labeled $4\text{-}^{15}\text{O}$ -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 |
| 16 | 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 |
| 17 | Molecular Identification of Endophytic Bacteria in <i>Leucojum aestivum</i> <i>In Vitro</i> 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | <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 |
| 22 | Critères de qualité des huiles essentielles. <i>Actualites Pharmaceutiques</i> , 2018, 57, 18-20. | 0.0 | 2 |
| 23 | Du végétal à l'homéopathie, intérêts des plantes carnivores en thérapie. <i>Actualites Pharmaceutiques</i> , 2018, 57, 54-57. | 0.0 | 0 |