

Laura Grauso

List of Publications by Year in descending order

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36
papers

1,058
citations

430442

18
h-index

414034

32
g-index

37
all docs

37
docs citations

37
times ranked

1377
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex palytoxin-like profile of <i>Ostreopsis ovata</i> . Identification of four new ovatoxins by high-resolution liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2735-2744.	0.7	131
2	Isolation and Structure Elucidation of Ovatoxin-a, the Major Toxin Produced by <i>Ostreopsis ovata</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 1869-1875.	6.6	113
3	Stereostructure and Biological Activity of 42-Hydroxy-palytoxin: A New Palytoxin Analogue from Hawaiian <i>Palythoa</i> Subspecies. <i>Chemical Research in Toxicology</i> , 2009, 22, 1851-1859.	1.7	82
4	The emerging physiological roles of the glycerophosphodiesterase family. <i>FEBS Journal</i> , 2014, 281, 998-1016.	2.2	79
5	Computational prediction of chiroptical properties in structure elucidation of natural products. <i>Natural Product Reports</i> , 2019, 36, 1005-1030.	5.2	66
6	Stinging nettle, <i>Urtica dioica</i> L.: botanical, phytochemical and pharmacological overview. <i>Phytochemistry Reviews</i> , 2020, 19, 1341-1377.	3.1	56
7	Spirolide Toxin Profile of Adriatic <i>Alexandrium ostenfeldii</i> Cultures and Structure Elucidation of 27-Hydroxy-13,19-didesmethyl Spirolide C. <i>Journal of Natural Products</i> , 2007, 70, 1878-1883.	1.5	46
8	Could molecular effects of <i>Caulerpa racemosa</i> metabolites modulate the impact on fish populations of <i>Diplodus sargus</i> ?. <i>Marine Environmental Research</i> , 2014, 96, 2-11.	1.1	40
9	High Resolution LC-MS ⁿ Fragmentation Pattern of Palytoxin as Template to Gain New Insights into Ovatoxin-a Structure. The Key Role of Calcium in MS Behavior of Palytoxins. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 952-963.	1.2	36
10	Characterization of 27-hydroxy-13-desmethyl spirolide C and 27-oxo-13,19-didesmethyl spirolide C. Further insights into the complex Adriatic <i>Alexandrium ostenfeldii</i> toxin profile. <i>Toxicon</i> , 2010, 56, 1327-1333.	0.8	32
11	Cyanobacterial ent-sterol-like Natural Products from a Deviated Ubiquinone Pathway. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4987-4990.	7.2	32
12	Common dandelion: a review of its botanical, phytochemical and pharmacological profiles. <i>Phytochemistry Reviews</i> , 2019, 18, 1115-1132.	3.1	30
13	Molecular Networking-Based Analysis of Cytotoxic Saponins from Sea Cucumber <i>Holothuria atra</i> . <i>Marine Drugs</i> , 2019, 17, 86.	2.2	29
14	Metabolomics of the alimurgic plants <i>Taraxacum officinale</i> , <i>Papaver rhoeas</i> and <i>Urtica dioica</i> by combined NMR and GC-MS analysis. <i>Phytochemical Analysis</i> , 2019, 30, 535-546.	1.2	28
15	A 4-decade-long (and still ongoing) hunt for palytoxins chemical architecture. <i>Toxicon</i> , 2011, 57, 362-367.	0.8	26
16	Exploring <i>Dittrichia viscosa</i> (L.) Greuter phytochemical diversity to explain its antimicrobial, nematocidal and insecticidal activity. <i>Phytochemistry Reviews</i> , 2020, 19, 659-689.	3.1	26
17	Desulfoyessotoxins from Adriatic Mussels: A New Problem for Seafood Safety Control. <i>Chemical Research in Toxicology</i> , 2007, 20, 95-98.	1.7	25
18	Stereochemical Studies on Ovatoxin-a. <i>Chemistry - A European Journal</i> , 2012, 18, 16836-16843.	1.7	19

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19	Structural data and immunomodulatory properties of a water-soluble heteroglycan extracted from the mycelium of an Italian isolate of <i>Ganoderma lucidum</i> . <i>Natural Product Research</i> , 2017, 31, 2119-2125.	1.0	19
20	Full relative stereochemistry assignment and conformational analysis of 13,19-didesmethyl spiroside C via NMR- and molecular modeling-based techniques. A step towards understanding spiroside's mechanism of action. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3674.	1.5	16
21	Pyrenosetin D, a New Pentacyclic Decalinoyltetramic Acid Derivative from the Algicolous Fungus <i>Pyrenochaetopsis</i> sp. FVE-087. <i>Marine Drugs</i> , 2020, 18, 281.	2.2	14
22	Metabolomics and chemometrics of seven aromatic plants: Carob, eucalyptus, laurel, mint, myrtle, rosemary and strawberry tree. <i>Phytochemical Analysis</i> , 2022, , .	1.2	13
23	Structure and Conformation of Zosteraphenols, Tetracyclic Diarylheptanoids from the Seagrass <i>Zostera marina</i> : An NMR and DFT Study. <i>Organic Letters</i> , 2020, 22, 78-82.	2.4	12
24	Stereostructural Determination by a Synthetic and NMR-Based Approach of Three Oxazinins Isolated from Adriatic Mussels. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5434-5439.	1.2	11
25	<i>Moringa oleifera</i> Lam.: A Phytochemical and Pharmacological Overview. <i>Horticulturae</i> , 2021, 7, 409.	1.2	10
26	Spectroscopic and multivariate data-based method to assess the metabolomic fingerprint of Mediterranean plants. <i>Phytochemical Analysis</i> , 2019, 30, 572-581.	1.2	9
27	Antibiotic Activity of a <i>Paraphaeosphaeria sporulosa</i> -Produced Diketopiperazine against <i>Salmonella enterica</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 83.	1.5	9
28	Density Functional Theory (DFT)-Aided Structure Elucidation of Linear Diterpenes from the Irish Brown Seaweed <i>Bifurcaria bifurcata</i> . <i>Marine Drugs</i> , 2021, 19, 42.	2.2	7
29	Erylusamides: Novel Atypical Glycolipids from <i>Erylus cf. deficiens</i> . <i>Marine Drugs</i> , 2016, 14, 179.	2.2	6
30	Identification of N-Hexadecanoyl-L-homoserine lactone (C16-AHL) as signal molecule in halophilic bacterium <i>Halomonas smyrnensis</i> AAD6. <i>Annals of Microbiology</i> , 2016, 66, 1329-1333.	1.1	6
31	Lignans and sesquiterpene lactones from <i>Hypochaeris radicata</i> subsp. <i>neapolitana</i> (Asteraceae.) Tj ETQq1 1 0.784314 rgBT / Overlock 1.4 6		
32	Vagiallene, a Rearranged C ₁₅ Acetogenin from <i>Laurencia obtusa</i> . <i>Organic Letters</i> , 2019, 21, 3183-3186.	2.4	6
33	Stable Catechol Keto Tautomers in Cytotoxic Heterodimeric Cyclic Diarylheptanoids from the Seagrass <i>Zostera marina</i> . <i>Organic Letters</i> , 2021, 23, 7134-7138.	2.4	6
34	An Improved UPLC-MS/MS Platform for Quantitative Analysis of Glycerophosphoinositol in Mammalian Cells. <i>PLoS ONE</i> , 2015, 10, e0123198.	1.1	6
35	Diterpenes from <i>Euphorbia myrsinites</i> and Their Anti-inflammatory Property. <i>Planta Medica</i> , 2021, 87, 1018-1024.	0.7	3
36	Application of Feature-Based Molecular Networking for Comparative Metabolomics and Targeted Isolation of Stereoisomers from Algicolous Fungi. <i>Marine Drugs</i> , 2022, 20, 210.	2.2	3