

# Laura Grauso

## List of Publications by Citations

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34  
papers

781  
citations

15  
h-index

27  
g-index

37  
ext. papers

940  
ext. citations

5.3  
avg, IF

3.86  
L-index

#	Paper	IF	Citations
34	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> , <b>2010</b> , 24, 2735-44	2.2	119
33	Isolation and structure elucidation of ovatoxin-a, the major toxin produced by <i>Ostreopsis ovata</i> . <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1869-75	16.4	99
32	Stereostructure and biological activity of 42-hydroxy-palytoxin: a new palytoxin analogue from Hawaiian <i>Palythoa</i> subspecies. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 1851-9	4	72
31	The emerging physiological roles of the glycerophosphodiesterase family. <i>FEBS Journal</i> , <b>2014</b> , 281, 998-1016	5.16	50
30	Computational prediction of chiroptical properties in structure elucidation of natural products. <i>Natural Product Reports</i> , <b>2019</b> , 36, 1005-1030	15.1	44
29	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> , <b>2007</b> , 70, 1878-83	4.9	44
28	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> , <b>2012</b> , 23, 952-63	3.5	33
27	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> , <b>2010</b> , 56, 1327-33	2.8	29
26	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> , <b>2014</b> , 96, 2-11	3.3	28
25	Cyanobacterial ent-Sterol-Like Natural Products from a Deviated Ubiquinone Pathway. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4987-4990	16.4	26
24	A 4-decade-long (and still ongoing) hunt for palytoxins chemical architecture. <i>Toxicon</i> , <b>2011</b> , 57, 362-7	2.8	23
23	Stinging nettle, <i>Urtica dioica</i> L.: botanical, phytochemical and pharmacological overview. <i>Phytochemistry Reviews</i> , <b>2020</b> , 19, 1341-1377	7.7	21
22	Desulfoyessotoxins from Adriatic mussels: a new problem for seafood safety control. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 95-8	4	21
21	Molecular Networking-Based Analysis of Cytotoxic Saponins from Sea Cucumber. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	18
20	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> , <b>2019</b> , 30, 535-546	3.4	16
19	Common dandelion: a review of its botanical, phytochemical and pharmacological profiles. <i>Phytochemistry Reviews</i> , <b>2019</b> , 18, 1115-1132	7.7	15
18	Stereochemical studies on ovatoxin-a. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16836-43	4.8	15

17	Exploring <i>Dittrichia viscosa</i> (L.) Greuter phytochemical diversity to explain its antimicrobial, nematocidal and insecticidal activity. <i>Phytochemistry Reviews</i> , <b>2020</b> , 19, 659-689	7.7	14
16	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> , <b>2009</b> , 7, 3674-81	3.9	13
15	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> , <b>2017</b> , 31, 2119-2125	2.3	12
14	Stereostructural Determination by a Synthetic and NMR-Based Approach of Three Oxazinins Isolated from Adriatic Mussels. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 5434-5439	3.2	11
13	Pyrenosetin D, a New Pentacyclic Decalinoyltetramic Acid Derivative from the Algicolous Fungus sp. FVE-087. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	8
12	Structure and Conformation of Zosteraphenols, Tetracyclic Diarylheptanoids from the Seagrass : An NMR and DFT Study. <i>Organic Letters</i> , <b>2020</b> , 22, 78-82	6.2	8
11	Antibiotic Activity of a -Produced Diketopiperazine against. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	6
10	An improved UPLC-MS/MS platform for quantitative analysis of glycerophosphoinositol in mammalian cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123198	3.7	6
9	Erylusamides: Novel Atypical Glycolipids from <i>Erylus cf. deficiens</i> . <i>Marine Drugs</i> , <b>2016</b> , 14,	6	6
8	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> , <b>2016</b> , 66, 1329-1333	3.2	5
7	Lignans and sesquiterpene lactones from <i>Hypochaeris radicata</i> subsp. <i>neapolitana</i> (Asteraceae, Cichorieae). <i>Phytochemistry</i> , <b>2019</b> , 165, 112047	4	4
6	Spectroscopic and multivariate data-based method to assess the metabolomic fingerprint of Mediterranean plants. <i>Phytochemical Analysis</i> , <b>2019</b> , 30, 572-581	3.4	4
5	Vagiallene, a Rearranged C Acetogenin from <i>Laurencia obtusa</i> . <i>Organic Letters</i> , <b>2019</b> , 21, 3183-3186	6.2	3
4	Stable Catechol Keto Tautomers in Cytotoxic Heterodimeric Cyclic Diarylheptanoids from the Seagrass. <i>Organic Letters</i> , <b>2021</b> , 23, 7134-7138	6.2	3
3	Density Functional Theory (DFT)-Aided Structure Elucidation of Linear Diterpenes from the Irish Brown Seaweed. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	2
2	<i>Moringa oleifera</i> Lam.: A Phytochemical and Pharmacological Overview. <i>Horticulturae</i> , <b>2021</b> , 7, 409	2.5	1
1	Diterpenes from <i>Euphorbia myrsinites</i> and Their Anti-inflammatory Property. <i>Planta Medica</i> , <b>2021</b> , 87, 1018-1024	3.1	1