

# Maria Letizia Ciavatta

## List of Publications by Year in descending order

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91  
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2,016  
citations

201674

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95  
all docs

95  
docs citations

95  
times ranked

2408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-biofilm activity of an exopolysaccharide from a sponge-associated strain of <i>Bacillus licheniformis</i> . <i>Microbial Cell Factories</i> , 2011, 10, 74.	4.0	102
2	New $\hat{1}^3$ -pyrone propionates from the Indian Ocean sacoglossan <i>Placobranchus ocellatus</i> . <i>Tetrahedron Letters</i> , 2005, 46, 465-468.	1.4	56
3	Isolation and Structure Elucidation of a Flavanone, a Flavanone Glycoside and Vomifoliol from <i>Echiochilon Fruticosum</i> Growing in Tunisia. <i>Molecules</i> , 2004, 9, 602-608.	3.8	54
4	Hodgsonal, a new drimane sesquiterpene from the mantle of the Antarctic nudibranch <i>Bathydoris hodgsoni</i> . <i>Tetrahedron Letters</i> , 1998, 39, 5635-5638.	1.4	53
5	Cytosporin-related compounds from the marine-derived fungus <i>Eutypella scoparia</i> . <i>Tetrahedron</i> , 2008, 64, 5365-5369.	1.9	53
6	Production and fungitoxic activity of Sch 642305, a secondary metabolite of <i>Penicillium canescens</i> . <i>Mycopathologia</i> , 2007, 163, 295-301.	3.1	51
7	Terretonins E and F, Inhibitors of the Mitochondrial Respiratory Chain from the Marine-Derived Fungus <i>Aspergillus insuetus</i> . <i>Journal of Natural Products</i> , 2009, 72, 1348-1351.	3.0	51
8	Isocyanide Terpene Metabolites of <i>Phyllidiellapustulosa</i> , a Nudibranch from the South China Sea. <i>Journal of Natural Products</i> , 2004, 67, 1701-1704.	3.0	47
9	Marine Mollusk-Derived Agents with Antiproliferative Activity as Promising Anticancer Agents to Overcome Chemotherapy Resistance. <i>Medicinal Research Reviews</i> , 2017, 37, 702-801.	10.5	46
10	Aplysiols A and B, squalene-derived polyethers from the mantle of the sea hare <i>Aplysia dactylomela</i> . <i>Tetrahedron</i> , 2007, 63, 9970-9978.	1.9	44
11	Dolabriferol: A new polypropionate from the skin of the anaspidean mollusc <i>Dolabrifera dolabrifera</i> . <i>Tetrahedron</i> , 1996, 52, 12831-12838.	1.9	43
12	In Vitro Pharmacological and Toxicological Effects of Norterpene Peroxides Isolated from the Red Sea Sponge <i>Diacarnus erythraeanus</i> on Normal and Cancer Cells. <i>Journal of Natural Products</i> , 2013, 76, 1541-1547.	3.0	43
13	An efficient and versatile chemical synthesis of bioactive glyco-glycerolipids. <i>Tetrahedron Letters</i> , 2012, 53, 879-881.	1.4	42
14	Membrenones : New polypropionates from the skin of the mediterranean mollusc <i>Pleurobranchus membranaceus</i> . <i>Tetrahedron Letters</i> , 1993, 34, 6791-6794.	1.4	41
15	Volatile secondary metabolites as aposematic olfactory signals and defensive weapons in aquatic environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3451-3456.	7.1	41
16	Fulvynes, antimicrobial polyoxygenated acetylenes from the Mediterranean sponge <i>Haliclona fulva</i> . <i>Tetrahedron</i> , 2012, 68, 754-760.	1.9	39
17	Insecticidal Activity of Paraherquamides, Including Paraherquamide H and Paraherquamide I, Two New Alkaloids Isolated from <i>Penicillium cluniae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2921-2925.	5.2	37
18	$^1\text{H-NMR}$ Study of Cholesterol Autooxidation in Egg Powder and Cookies Exposed to Adverse Storage. <i>Journal of Food Science</i> , 1993, 58, 1286-1290.	3.1	35

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19	Structures and absolute stereochemistry of isocyanide and isothiocyanate amphilectenes from the Caribbean sponge <i>Cribochalina</i> sp.. <i>Tetrahedron</i> , 1999, 55, 12629-12636.	1.9	35
20	Cladocoran A and B: Two Novel $\hat{1}^3$ -Hydroxybutenolide Sesterterpenes from the Mediterranean Coral <i>Cladocora cespitosa</i> . <i>Journal of Organic Chemistry</i> , 1998, 63, 2845-2849.	3.2	34
21	New diastereomeric bis-sesquiterpenes from Hainan marine sponges <i>Axinyssa variabilis</i> and <i>Lipastrotethya</i> sp. <i>Tetrahedron</i> , 2007, 63, 11108-11113.	1.9	34
22	Studies on puupehenone-metabolites of a <i>Dysidea</i> sp.: structure and biological activity. <i>Tetrahedron</i> , 2007, 63, 1380-1384.	1.9	33
23	Tritoniopsins A-D, Cladiellane-Based Diterpenes from the South China Sea Nudibranch <i>Tritoniopsis elegans</i> and Its Prey <i>Cladiella krempfi</i> . <i>Journal of Natural Products</i> , 2011, 74, 1902-1907.	3.0	33
24	Chemical analysis of flavonoid constituents of the seagrass <i>Halophila stipulacea</i> : First finding of malonylated derivatives in marine phanerogams. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 686-690.	1.3	31
25	Dactylallene: A novel dietary C15 bromoallene from the Atlantic anaspidean mollusc <i>Aplysia dactylomela</i> . <i>Tetrahedron</i> , 1997, 53, 17343-17350.	1.9	29
26	Structure and absolute stereochemistry of novel C15-halogenated acetogenins from the anaspidean mollusc <i>Aplysia dactylomela</i> . <i>Tetrahedron</i> , 2005, 61, 7456-7460.	1.9	29
27	Occurrence and Bioactivities of Funicone-Related Compounds. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1430-1444.	4.1	29
28	Extending the Record of Bis- $\hat{1}^3$ -pyrone Polypropionates from Marine Pulmonate Mollusks. <i>Journal of Natural Products</i> , 2013, 76, 2065-2073.	3.0	28
29	Biosynthesis of drimane terpenoids in dorid molluscs: Pivotal role of 7-deacetoxyolepupuane in two species of <i>Dendrodoris nudibranchs</i> . <i>Tetrahedron</i> , 1999, 55, 5937-5946.	1.9	27
30	Structural and stereochemical revision of isocyanide and isothiocyanate amphilectenes from the Caribbean marine sponge <i>Cribochalina</i> sp.. <i>Tetrahedron</i> , 2005, 61, 8049-8053.	1.9	27
31	3-O-methylfunicone produced by <i>penicillium pinophilum</i> affects cell motility of breast cancer cells, downregulating $\hat{1}^2$ 5 integrin and inhibiting metalloproteinase-9 secretion. <i>Molecular Carcinogenesis</i> , 2007, 46, 930-940.	2.7	27
32	Bioactive Terpenes from <i>Spongia officinalis</i> . <i>Journal of Natural Products</i> , 2011, 74, 1241-1247.	3.0	27
33	<i>Alcanivorax borkumensis</i> produces an extracellular siderophore in iron-limitation condition maintaining the hydrocarbon-degradation efficiency. <i>Marine Genomics</i> , 2014, 17, 43-52.	1.1	27
34	Tetranorditerpenes from <i>Detarium microcarpum</i> . <i>Phytochemistry</i> , 1992, 31, 1823-1825.	2.9	25
35	Chemistry of <i>Glossodoris</i> Nudibranchs: Specific Occurrence of 12-Keto Scalaranes. <i>Journal of Chemical Ecology</i> , 2007, 33, 2325-2336.	1.8	25
36	Chemistry of the Nudibranch <i>Aldisa andersoni</i> : Structure and Biological Activity of Phorbazole Metabolites. <i>Marine Drugs</i> , 2012, 10, 1799-1811.	4.6	25

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37	New C <sub>21</sub> $\hat{\nu}$ 20 pregnanes, inhibitors of mitochondrial respiratory chain, from Indopacific octocoral <i>Carijoa</i> sp.. <i>Tetrahedron Letters</i> , 2004, 45, 7745-7748.	1.4	24
38	3-O-Methylfunicone, a secondary metabolite produced by <i>Penicillium pinophilum</i> , induces growth arrest and apoptosis in HeLa cells. <i>Cell Proliferation</i> , 2004, 37, 413-426.	5.3	22
39	New bioactive hydrogenated linderazulene-derivatives from the gorgonian <i>Echinogorgia</i> complexa. <i>Tetrahedron Letters</i> , 2007, 48, 2569-2571.	1.4	22
40	Chemical characterisation of the terpenoid constituents of the Algerian plant <i>Launaea arborescens</i> . <i>Phytochemistry</i> , 2008, 69, 2984-2992.	2.9	22
41	Diterpene content of the alga <i>Dictyota ciliolata</i> from a Moroccan lagoon. <i>Phytochemistry Letters</i> , 2009, 2, 211-215.	1.2	22
42	Two new labdane aldehydes from the skin of the notaspidean <i>Pleurobranchaea meckelii</i> . <i>Tetrahedron Letters</i> , 1995, 36, 8673-8676.	1.4	21
43	Single solution phase conformation of new antiproliferative cembranes. <i>Tetrahedron</i> , 1999, 55, 1143-1152.	1.9	21
44	New bromotriterpene polyethers from the Indian alga <i>Chondria armata</i> . <i>Tetrahedron</i> , 2001, 57, 617-623.	1.9	21
45	Structure and Synthesis of a Unique Isonitrile Lipid Isolated from the Marine Mollusk <i>Actinocyclus papillatus</i> . <i>Organic Letters</i> , 2011, 13, 1897-1899.	4.6	21
46	Crucigasterins Aâ€“E, antimicrobial amino alcohols from the Mediterranean colonial ascidian <i>Pseudodistoma crucigaster</i> . <i>Tetrahedron</i> , 2010, 66, 7533-7538.	1.9	20
47	Aromatic Cyclic Peroxides and Related Keto-Compounds from the <i>Plakortis</i> sp. Component of a Sponge Consortium. <i>Journal of Natural Products</i> , 2009, 72, 1547-1551.	3.0	19
48	3-O-methylfunicone, from <i>Penicillium pinophilum</i> , is a selective inhibitor of breast cancer stem cells. <i>Cell Proliferation</i> , 2011, 44, 401-409.	5.3	19
49	Kahalalide F analogues from the mucous secretion of Indian sacoglossan mollusc <i>Elysia ornata</i> . <i>Tetrahedron</i> , 2016, 72, 625-631.	1.9	18
50	Cell-growth and migration inhibition of human mesothelioma cells induced by 3-O-Methylfunicone from <i>Penicillium pinophilum</i> and cisplatin. <i>Investigational New Drugs</i> , 2012, 30, 1343-1351.	2.6	16
51	Exploring the Bioactive Terpenoid Content of an Algerian Plant of the Genus <i>Pulicaria</i> : The <i>ent</i> -Series of Asteriscunolides. <i>Journal of Natural Products</i> , 2017, 80, 82-89.	3.0	16
52	The Phylum Bryozoa: From Biology to Biomedical Potential. <i>Marine Drugs</i> , 2020, 18, 200.	4.6	16
53	<i>Aplysiopsenes</i> : an additional example of marine polyketides with a mixed acetate/propionate pathway. <i>Tetrahedron Letters</i> , 2009, 50, 527-529.	1.4	15
54	Marine Terpenoid Diacylguanidines: Structure, Synthesis, and Biological Evaluation of Naturally Occurring Actinofide and Synthetic Analogues. <i>Journal of Natural Products</i> , 2017, 80, 1339-1346.	3.0	15

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55	Polyphenolic Profiling, Quantitative Assessment and Biological Activities of Tunisian Native <i>Mentha rotundifolia</i> (L.) Huds. <i>Molecules</i> , 2019, 24, 2351.	3.8	15
56	Phytochemical Study of <i>Eryngium triquetrum</i> : Isolation of Polyacetylenes and Lignans. <i>Planta Medica</i> , 2016, 82, 1438-1445.	1.3	14
57	<i>In Silico</i> Identification and Experimental Validation of Novel Anti-Alzheimer's Multitargeted Ligands from a Marine Source Featuring a $\alpha$ -2-Aminoimidazole plus Aromatic Group Scaffold. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1290-1303.	3.5	14
58	New Caulerpenyne-derived Metabolites of an <i>Elysia Sacoglossan</i> from the South Indian Coast. <i>Molecules</i> , 2006, 11, 808-816.	3.8	13
59	3-O-Methylfunicone, a metabolite produced by <i>Penicillium pinophilum</i> , modulates ERK1/2 activity, affecting cell motility of human mesothelioma cells. <i>Cell Proliferation</i> , 2010, 43, 114-123.	5.3	13
60	Identification of a new small bioactive peptide from <i>Lactobacillus gasseri</i> supernatant. <i>Beneficial Microbes</i> , 2017, 8, 133-141.	2.4	12
61	Chemical studies on Antarctic nudibranch molluscs. <i>Italian Journal of Zoology</i> , 2000, 67, 101-109.	0.6	11
62	The first record of neolignans from the marine phanerogam <i>Posidonia oceanica</i> . <i>Phytochemistry Letters</i> , 2012, 5, 696-699.	1.2	11
63	Sequestered Fulvinol-Related Polyacetylenes in <i>Peltodoris atromaculata</i> . <i>Journal of Natural Products</i> , 2014, 77, 1678-1684.	3.0	11
64	<i>In Silico</i> Identification and Experimental Validation of ( $\alpha$ )-Muqubilin A, a Marine Norterpene Peroxide, as PPAR $\alpha$ / $\beta$ -RXR $\alpha$ Agonist and RAR $\alpha$ Positive Allosteric Modulator. <i>Marine Drugs</i> , 2019, 17, 110.	4.6	11
65	Chemistry of Two Distinct Aeolid <i>Spurilla</i> Species: Ecological Implications. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700125.	2.1	10
66	Volvatellin, Caulerpenyne-Related Product from the Sacoglossan <i>Volvatella</i> sp.. <i>Journal of Natural Products</i> , 1999, 62, 931-933.	3.0	9
67	Isolation and Structural Elucidation of Eight New Related Analogues of the Mycotoxin ( $\alpha$ )-Botryodiplodin from <i>Penicillium coalescens</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6977-6983.	5.2	9
68	First synthesis of parazoanthine-A and its O-Me derivative. <i>Tetrahedron Letters</i> , 2012, 53, 7083-7084.	1.4	9
69	Chemical synthesis of funicone analogs. <i>Tetrahedron</i> , 2012, 68, 4107-4111.	1.9	9
70	Identification of thuridillin-related aldehydes from Mediterranean sacoglossan mollusk <i>Thuridilla hopei</i> . <i>Tetrahedron</i> , 2014, 70, 3770-3773.	1.9	9
71	A novel iridoid glycoside from the aerial parts of the Tunisian <i>Prasium majus</i> . <i>Natural Product Research</i> , 2007, 21, 692-697.	1.8	8
72	A new xenicane norditerpene from the Indian marine gorgonian <i>Acanthogorgia turgida</i> . <i>Natural Product Research</i> , 2009, 23, 1664-1670.	1.8	8

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73	New additional triterpenoids from the Mediterranean sponge <i>Raspaciona aculeata</i> . <i>Tetrahedron</i> , 2002, 58, 4943-4948.	1.9	7
74	Amphilectene Diterpene Isonitriles and Formamido Derivatives from the Hainan Nudibranch <i>Phyllidia Coelestis</i> . <i>Marine Drugs</i> , 2019, 17, 603.	4.6	7
75	Exploring the Chemical Diversity of Algerian Plants: Three New Pentacyclic Triterpenoids from <i>Launaea acanthoclada</i> Roots. <i>Molecules</i> , 2018, 23, 80.	3.8	6
76	Oxygenated C17 polyacetylene metabolites from Algerian <i>Eryngium tricuspidatum</i> L. roots: Structure and biological activity. <i>FÄ-toterapÄ-Äç</i> , 2019, 138, 104355.	2.2	6
77	Sesquiterpene Lactones with the 12,8-Guaianolide Skeleton from Algerian <i>Centaurea omphalotricha</i> . <i>Biomolecules</i> , 2021, 11, 1053.	4.0	6
78	Natural Products from Marine Heterobranchs: an Overview of Recent Results. <i>Chemistry Journal of Moldova</i> , 2019, 14, 9-31.	0.6	5
79	Aerophobin-1 from the Marine Sponge <i>AplysinaÄaerophoba</i> Modulates Osteogenesis in Zebrafish Larvae. <i>Marine Drugs</i> , 2022, 20, 135.	4.6	5
80	Prenylated Flavonoids and Phenolic Compounds from the Rhizomes of Marine Phanerogam <i>Cymodocea nodosa</i> . <i>Planta Medica</i> , 2018, 84, 704-709.	1.3	4
81	Identification of the hydantoin alkaloids parazoanthines as novel CXCR4 antagonists by computational and in vitro functional characterization. <i>Bioorganic Chemistry</i> , 2020, 105, 104337.	4.1	4
82	Isolation and Structure Elucidation of Flavonol Glycosides, Methyl linoleate and Fatty Acids from <i>Anacyclus cyrtolepidioÄ-des</i> (Pomel) Growing in Tunisia. <i>Analytical Chemistry Letters</i> , 2011, 1, 384-392.	1.0	3
83	Chemical constituents of the aerial parts of Algerian <i>Galium brunneum</i> : Isolation of new hydroperoxy sterol glucosyl derivatives. <i>Phytochemistry Letters</i> , 2020, 38, 39-45.	1.2	3
84	Chemical diversity in the Mediterranean sponge <i>Raspaciona aculeata</i> : Structure and absolute stereochemistry of Blanesin. <i>Tetrahedron Letters</i> , 1994, 35, 7871-7874.	1.4	3
85	Chemoecological study of the invasive alga <i>Caulerpa taxifolia</i> var. <i>distichophylla</i> from the Sicilian coast. <i>Aquatic Ecology</i> , 2022, 56, 447-457.	1.5	3
86	Occurrence of symmetrical diacylguanidines triophamine and limaciamine in three polyceridae species from Canary Islands: are they chemical markers of these nudibranchs?. <i>Biochemical Systematics and Ecology</i> , 2019, 83, 62-65.	1.3	2
87	Synthetic Strategy for the Preparation of Bioactive Galactoglycerolipids. <i>Chemistry Journal of Moldova</i> , 2011, 6, 27-29.	0.6	2
88	In Vitro Growth Inhibitory Activities of Natural Products from Irciniid Sponges against Cancer Cells: A Comparative Study. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	1
89	Wars in the sea: chemical weapons from microalgae, macroalgae and seagrasses. <i>Planta Medica</i> , 2008, 74, .	1.3	0
90	Application of NMR Technique in the Elucidation of Marine Natural Compounds. <i>Chemistry Journal of Moldova</i> , 2011, 6, 9-12.	0.6	0

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91	Effect of heat treatments on biomolecular profile of Sardinian apple cultivars. Communications in Agricultural and Applied Biological Sciences, 2013, 78, 83-91.	0.0	0