Emiliano Manzo

List of Publications by Year
in descending order

81 papers	1,649 citations	257450 24 h-index	361022 35 g-index
86 all docs	86 docs citations	86 times ranked	2044 citing authors

#	Article	IF	Citations
1	Anti-biofilm activity of an exopolysaccharide from a sponge-associated strain of Bacillus licheniformis. Microbial Cell Factories, 2011, 10, 74.	4.0	102
2	Ceratamines A and B, Antimitotic Heterocyclic Alkaloids Isolated from the Marine SpongePseudoceratinasp. Collected in Papua New Guinea. Organic Letters, 2003, 5, 4591-4594.	4.6	56
3	New Î³-pyrone propionates from the Indian Ocean sacoglossan Placobranchus ocellatus. Tetrahedron Letters, 2005, 46, 465-468.	1.4	56
4	Cytosporin-related compounds from the marine-derived fungus Eutypella scoparia. Tetrahedron, 2008, 64, 5365-5369.	1.9	53
5	Production and fungitoxic activity of Sch 642305, a secondary metabolite of Penicillium canescens. Mycopathologia, 2007, 163, 295-301.	3.1	51
6	LIPOXYGENASE PRODUCTS IN MARINE DIATOMS: A CONCISE ANALYTICAL METHOD TO EXPLORE THE FUNCTIONAL POTENTIAL OF OXYLIPINS1. Journal of Phycology, 2011, 47, 233-243.	2.3	48
7	Isocyanide Terpene Metabolites ofPhyllidiellapustulosa, a Nudibranch from the South China Sea. Journal of Natural Products, 2004, 67, 1701-1704.	3.0	47
8	Profiling of complex lipids in marine microalgae by UHPLC/tandem mass spectrometry. Algal Research, 2016, 17, 348-358.	4.6	47
9	A new marine-derived sulfoglycolipid triggers dendritic cell activation and immune adjuvant response. Scientific Reports, 2017, 7, 6286.	3.3	46
10	Aplysiols A and B, squalene-derived polyethers from the mantle of the sea hare Aplysia dactylomela. Tetrahedron, 2007, 63, 9970-9978.	1.9	44
11	An efficient and versatile chemical synthesis of bioactive glyco-glycerolipids. Tetrahedron Letters, 2012, 53, 879-881.	1.4	42
12	Ceratamines, Structurally Simple Microtubule-Stabilizing Antimitotic Agents with Unusual Cellular Effects. Cancer Research, 2005, 65, 3040-3043.	0.9	39
13	Fulvynes, antimicrobial polyoxygenated acetylenes from the Mediterranean sponge Haliclona fulva. Tetrahedron, 2012, 68, 754-760.	1.9	39
14	Packaging and Delivery of Chemical Weapons: A Defensive Trojan Horse Stratagem in Chromodorid Nudibranchs. PLoS ONE, 2013, 8, e62075.	2.5	37
15	New diastereomeric bis-sesquiterpenes from Hainan marine sponges Axinyssa variabilis and Lipastrotethya ana. Tetrahedron, 2007, 63, 11108-11113.	1.9	34
16	Studies on puupehenone-metabolites of a Dysidea sp.: structure and biological activity. Tetrahedron, 2007, 63, 1380-1384.	1.9	33
17	Tritoniopsins Aâ€“D, Cladiellane-Based Diterpenes from the South China Sea Nudibranch Tritoniopsis elegans and Its Prey Cladiella krempfi. Journal of Natural Products, 2011, 74, 1902-1907.	3.0	33
18	Chemical analysis of flavonoid constituents of the seagrass Halophila stipulacea: First finding of malonylated derivatives in marine phanerogams. Biochemical Systematics and Ecology, 2010, 38, 686-690.	1.3	31

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19	Structure and absolute stereochemistry of novel C15-halogenated acetogenins from the anaspidean mollusc Aplysia dactylomela. Tetrahedron, 2005, 61, 7456-7460.	1.9	29
20	Occurence and Bioactivities of Funicone-Related Compounds. International Journal of Molecular Sciences, 2009, 10, 1430-1444.	4.1	29
21	Evaluation of the antifouling properties of 3-alyklpyridine compounds. Biofouling, 2011, 27, 99-109.	2.2	29
22	Structural and stereochemical revision of isocyanide and isothiocyanate amphilectenes from the Caribbean marine sponge Cribochalina sp.. Tetrahedron, 2005, 61, 8049-8053.	1.9	27
23	Bioactive Terpenes from Spongia officinalis. Journal of Natural Products, 2011, 74, 1241-1247.	3.0	27
24	Chemistry of Glossodoris Nudibranchs: Specific Occurrence of 12-Keto Scalaranes. Journal of Chemical Ecology, 2007, 33, 2325-2336.	1.8	25
25	Chemistry of the Nudibranch Aldisa andersoni: Structure and Biological Activity of Phorbazole Metabolites. Marine Drugs, 2012, 10, 1799-1811.	4.6	25
26	New C21 Î”20 pregnanes, inhibitors of mitochondrial respiratory chain, from Indopacific octocoral Carijoa sp.. Tetrahedron Letters, 2004, 45, 7745-7748.	1.4	24
27	Monoacylglycerides from the Diatom Skeletonema marinoi Induce Selective Cell Death in Cancer Cells. Marine Drugs, 2019, 17, 625.	4.6	23
28	New bioactive hydrogenated linderazulene-derivatives from the gorgonian Echinogorgia complexa. Tetrahedron Letters, 2007, 48, 2569-2571.	1.4	22
29	Chemical characterisation of the terpenoid constituents of the Algerian plant Launaea arborescens. Phytochemistry, 2008, 69, 2984-2992.	2.9	22
30	Diterpene content of the alga Dictyota ciliolata from a Moroccan lagoon. Phytochemistry Letters, 2009, 2, 211-215.	1.2	22
31	Structure and Synthesis of a Unique Isonitrile Lipid Isolated from the Marine MolluskActinocyclus papillatus. Organic Letters, 2011, 13, 1897-1899.	4.6	21
32	Diatoms synthesize sterols by inclusion of animal and fungal genes in the plant pathway. Scientific Reports, 2020, 10, 4204.	3.3	21
33	Crucigasterins Aâ€“E, antimicrobial amino alcohols from the Mediterranean colonial ascidian Pseudodistoma crucigaster. Tetrahedron, 2010, 66, 7533-7538.	1.9	20
34	Effect of Cultivation Parameters on Fermentation and Hydrogen Production in the Phylum Thermotogae. International Journal of Molecular Sciences, 2021, 22, 341.	4.1	20
35	Bioprospecting for antagonistic Penicillium strains as a resource of new antitumor compounds. World Journal of Microbiology and Biotechnology, 2008, 24, 189-195.	3.6	19
36	Aromatic Cyclic Peroxides and Related Keto-Compounds from the Plakortis sp. Component of a Sponge Consortium. Journal of Natural Products, 2009, 72, 1547-1551.	3.0	19

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37	Lipoxygenases and Lipoxygenase Products in Marine Diatoms. Methods in Enzymology, 2018, 605, 69-100.	1.0	18
38	Autotrophic vs. Heterotrophic Cultivation of the Marine Diatom Cyclotella cryptica for EPA Production. Marine Drugs, 2021, 19, 355.	4.6	18
39	Antitumor Potential of Immunomodulatory Natural Products. Marine Drugs, 2022, 20, 386.	4.6	18
40	UPLCâ€“MS/MS Identification of Sterol Sulfates in Marine Diatoms. Marine Drugs, 2019, 17, 10.	4.6	16
41	Synthesis of Phidianidine B, a highly cytotoxic 1,2,4-oxadiazole marine metabolite. Arkivoc, 2013, 2012, 220-228.	0.5	16
42	Aplysiopsenes: an additional example of marine polyketides with a mixed acetate/propionate pathway. Tetrahedron Letters, 2009, 50, 527-529.	1.4	15
43	Solvent Effect on the Isomeric Equilibrium of Carbohydrates:â€‰ The Superior Ability of 2,2,2-Trifluoroethanol for Intramolecular Hydrogen Bond Stabilization. Journal of the American Chemical Society, 2001, 123, 12605-12610.	13.7	14
44	Chemical Synthesis of Marine-Derived Sulfoglycolipids, a New Class of Molecular Adjuvants. Marine Drugs, 2017, 15, 288.	4.6	14
45	New Caulerpenyne-derived Metabolites of an Elysia Sacoglossan from the South Indian Coast. Molecules, 2006, 11, 808-816.	3.8	13
46	Diasteroselective Colloidal Self-Assembly Affects the Immunological Response of the Molecular Adjuvant Sulfavant. ACS Omega, 2019, 4, 7807-7814.	3.5	13
47	Patatin-like lipolytic acyl hydrolases and galactolipid metabolism in marine diatoms of the genus Pseudo-nitzschia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 181-190.	2.4	13
48	Fermentation of Biodegradable Organic Waste by the Family Thermotogaceae. Resources, 2021, 10, 34.	3.5	13
49	Capnophilic Lactic Fermentation from Thermotoga neapolitana: A Resourceful Pathway to Obtain Almost Enantiopure L-lactic Acid. Fermentation, 2019, 5, 34.	3.0	12
50	The first record of neolignans from the marine phanerogam Posidonia oceanica. Phytochemistry Letters, 2012, 5, 696-699.	1.2	11
51	Reaction of cyclic ketals with ceric ammonium nitrate in acetonitrile/water. Tetrahedron, 2002, 58, 129-133.	1.9	10
52	Glycolipids synthesis: improved hydrazinolysis conditions for preparation of 1,2-polyunsaturated fatty acyl-Î²-monogalactosyl-glycerols. Carbohydrate Research, 2016, 424, 21-23.	2.3	10
53	Potent Cytotoxic Analogs of Amphidinolides from the Atlantic Octocoral Stragulum bicolor. Marine Drugs, 2019, 17, 58.	4.6	10
54	A New Bioassay Platform Design for the Discovery of Small Molecules with Anticancer Immunotherapeutic Activity. Marine Drugs, 2020, 18, 604.	4.6	10

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55	First synthesis of parazoanthine-A and its O-Me derivative. Tetrahedron Letters, 2012, 53, 7083-7084.	1.4	9
56	Chemical synthesis of funicone analogs. Tetrahedron, 2012, 68, 4107-4111.	1.9	9
57	Immunostimulatory Phosphatidylmonogalactosyldiacylglycerols (PGDG) from the Marine Diatom Thalassiosira weissflogii: Inspiration for a Novel Synthetic Toll-Like Receptor 4 Agonist. Marine Drugs, 2019, 17, 103.	4.6	9
58	Lipoxygenase Pathways in Diatoms: Occurrence and Correlation with Grazer Toxicity in Four Benthic Species. Marine Drugs, 2020, 18, 66.	4.6	9
59	Presence of Î²-glycosyl linkages in caryophyllan: the main polysaccharide from the Pseudomonas caryophylli LPS fraction. Carbohydrate Research, 1998, 307, 167-172.	2.3	8
60	Synthesis of parazoanthine B and analogs. Tetrahedron, 2015, 71, 4379-4384.	1.9	8
61	Preparation, Supramolecular Aggregation and Immunological Activity of the Bona Fide Vaccine Adjuvant Sulfavant S. Marine Drugs, 2020, 18, 451.	4.6	8
62	Identification of the Marine Alkaloid Lepadin A as Potential Inducer of Immunogenic Cell Death. Biomolecules, 2022, 12, 246.	4.0	8
63	Chemo-enzymatic preparation of Î±-6-sulfoquinovosyl-1,2-O-diacylglycerols. Tetrahedron, 2012, 68, 10169-10175.	1.9	7
64	Design and Synthesis of Pro-Apoptotic Compounds Inspired by Diatom Oxylipins. Marine Drugs, 2013, 11, 4527-4543.	4.6	7
65	Amphilectene Diterpene Isonitriles and Formamido Derivatives from the Hainan Nudibranch Phyllidia Coelestis. Marine Drugs, 2019, 17, 603.	4.6	7
66	Short Gram-Scale Synthesis of Sulfavant A. Organic Process Research and Development, 2020, 24, 2728-2733.	2.7	7
67	Sulfavant A as the first synthetic TREM2 ligand discloses a homeostatic response of dendritic cells after receptor engagement. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	7
68	Sterol Sulfates and Sulfotransferases in Marine Diatoms. Methods in Enzymology, 2018, 605, 101-138.	1.0	6
69	Synthesis of Marine Natural Products and Molecules Inspired by Marine Substances. Marine Drugs, 2021, 19, 208.	4.6	5
70	Identification of the hydantoin alkaloids parazoanthines as novel CXCR4 antagonists by computational and in vitro functional characterization. Bioorganic Chemistry, 2020, 105, 104337.	4.1	4
71	Improvement of CO2 and Acetate Coupling into Lactic Acid by Genetic Manipulation of the Hyperthermophilic Bacterium Thermotoga neapolitana. Microorganisms, 2021, 9, 1688.	3.6	4
72	Direct evidence of the impact of aqueous self-assembly on biological behavior of amphiphilic molecules: The case study of molecular immunomodulators Sulfavants. Journal of Colloid and Interface Science, 2022, 611, 129-136.	9.4	4

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73	Biosynthetic Studies Through Feeding Experiments in Marine Organismsâˆ—. , 2012, , 895-946.		3
74	Design and synthesis of fluorescent galactolipid probes. Tetrahedron Letters, 2014, 55, 3521-3524.	1.4	3
75	Implementation in lipid extraction and analysis from phytoplankton: Skeletonema marinoi as case study. Marine Chemistry, 2021, 232, 103964.	2.3	3
76	Probing the Therapeutic Potential of Marine Phyla by SPE Extraction. Marine Drugs, 2021, 19, 640.	4.6	3
77	A Glucuronic Acid-Palmitoylethanolamide Conjugate (GLUPEA) Is an Innovative Drug Delivery System and a Potential Bioregulator. Cells, 2021, 10, 450.	4.1	2
78	Synthesis of the Major Mammalian Metabolites of THCV. Journal of Natural Products, 2020, 83, 2060-2065.	3.0	1
79	UHPLC-MS Method for the Analysis of the Molecular Adjuvant Sulfavant A. Applied Sciences (Switzerland), 2021, 11, 1451.	2.5	1
80	Fractionation Protocol of Marine Metabolites. Methods in Molecular Biology, 2022, , 307-313.	0.9	1
81	Synthesis of Marine Natural Products and Molecules Inspired by Marine Substances II. Marine Drugs, 2021, 19, 518.	4.6	0