

# Emiliano Manzo

## List of Publications by Year in descending order

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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	Direct evidence of the impact of aqueous self-assembly on biological behavior of amphiphilic molecules: The case study of molecular immunomodulators Sulfavants. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 129-136.	9.4	4
2	Identification of the Marine Alkaloid Lepadine A as Potential Inducer of Immunogenic Cell Death. <i>Biomolecules</i> , 2022, 12, 246.	4.0	8
3	Fractionation Protocol of Marine Metabolites. <i>Methods in Molecular Biology</i> , 2022, , 307-313.	0.9	1
4	Antitumor Potential of Immunomodulatory Natural Products. <i>Marine Drugs</i> , 2022, 20, 386.	4.6	18
5	Sulfavants A as the first synthetic TREM2 ligand discloses a homeostatic response of dendritic cells after receptor engagement. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	7
6	A Glucuronic Acid-Palmitoylethanolamide Conjugate (GLUPEA) Is an Innovative Drug Delivery System and a Potential Bioregulator. <i>Cells</i> , 2021, 10, 450.	4.1	2
7	UHPLC-MS Method for the Analysis of the Molecular Adjuvant Sulfavants A. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1451.	2.5	1
8	Fermentation of Biodegradable Organic Waste by the Family Thermotogaceae. <i>Resources</i> , 2021, 10, 34.	3.5	13
9	Synthesis of Marine Natural Products and Molecules Inspired by Marine Substances. <i>Marine Drugs</i> , 2021, 19, 208.	4.6	5
10	Implementation in lipid extraction and analysis from phytoplankton: <i>Skeletonema marinoi</i> as case study. <i>Marine Chemistry</i> , 2021, 232, 103964.	2.3	3
11	Autotrophic vs. Heterotrophic Cultivation of the Marine Diatom <i>Cyclotella cryptica</i> for EPA Production. <i>Marine Drugs</i> , 2021, 19, 355.	4.6	18
12	Improvement of CO <sub>2</sub> and Acetate Coupling into Lactic Acid by Genetic Manipulation of the Hyperthermophilic Bacterium <i>Thermotoga neapolitana</i> . <i>Microorganisms</i> , 2021, 9, 1688.	3.6	4
13	Synthesis of Marine Natural Products and Molecules Inspired by Marine Substances II. <i>Marine Drugs</i> , 2021, 19, 518.	4.6	0
14	Effect of Cultivation Parameters on Fermentation and Hydrogen Production in the Phylum Thermotogae. <i>International Journal of Molecular Sciences</i> , 2021, 22, 341.	4.1	20
15	Probing the Therapeutic Potential of Marine Phyla by SPE Extraction. <i>Marine Drugs</i> , 2021, 19, 640.	4.6	3
16	Short Gram-Scale Synthesis of Sulfavants A. <i>Organic Process Research and Development</i> , 2020, 24, 2728-2733.	2.7	7
17	A New Bioassay Platform Design for the Discovery of Small Molecules with Anticancer Immunotherapeutic Activity. <i>Marine Drugs</i> , 2020, 18, 604.	4.6	10
18	Preparation, Supramolecular Aggregation and Immunological Activity of the Bona Fide Vaccine Adjuvant Sulfavants S. <i>Marine Drugs</i> , 2020, 18, 451.	4.6	8

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19	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
20	Diatoms synthesize sterols by inclusion of animal and fungal genes in the plant pathway. <i>Scientific Reports</i> , 2020, 10, 4204.	3.3	21
21	Synthesis of the Major Mammalian Metabolites of THC. <i>Journal of Natural Products</i> , 2020, 83, 2060-2065.	3.0	1
22	Lipoxygenase Pathways in Diatoms: Occurrence and Correlation with Grazer Toxicity in Four Benthic Species. <i>Marine Drugs</i> , 2020, 18, 66.	4.6	9
23	Potent Cytotoxic Analogs of Amphidinolides from the Atlantic Octocoral <i>Stragulum bicolor</i> . <i>Marine Drugs</i> , 2019, 17, 58.	4.6	10
24	Capnophilic Lactic Fermentation from <i>Thermotoga neapolitana</i> : A Resourceful Pathway to Obtain Almost Enantiopure L-lactic Acid. <i>Fermentation</i> , 2019, 5, 34.	3.0	12
25	Diastereoselective Colloidal Self-Assembly Affects the Immunological Response of the Molecular Adjuvant Sulfavant. <i>ACS Omega</i> , 2019, 4, 7807-7814.	3.5	13
26	UPLC-MS/MS Identification of Sterol Sulfates in Marine Diatoms. <i>Marine Drugs</i> , 2019, 17, 10.	4.6	16
27	Immunostimulatory Phosphatidylmonogalactosyldiacylglycerols (PGDG) from the Marine Diatom <i>Thalassiosira weissflogii</i> : Inspiration for a Novel Synthetic Toll-Like Receptor 4 Agonist. <i>Marine Drugs</i> , 2019, 17, 103.	4.6	9
28	Monoacylglycerides from the Diatom <i>Skeletonema marinoi</i> Induce Selective Cell Death in Cancer Cells. <i>Marine Drugs</i> , 2019, 17, 625.	4.6	23
29	Amphilectene Diterpene Isonitriles and Formamido Derivatives from the Hainan Nudibranch <i>Phyllidia Coelestis</i> . <i>Marine Drugs</i> , 2019, 17, 603.	4.6	7
30	Patatin-like lipolytic acyl hydrolases and galactolipid metabolism in marine diatoms of the genus <i>Pseudo-nitzschia</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 181-190.	2.4	13
31	Lipoxygenases and Lipoxygenase Products in Marine Diatoms. <i>Methods in Enzymology</i> , 2018, 605, 69-100.	1.0	18
32	Sterol Sulfates and Sulfotransferases in Marine Diatoms. <i>Methods in Enzymology</i> , 2018, 605, 101-138.	1.0	6
33	A new marine-derived sulfoglycolipid triggers dendritic cell activation and immune adjuvant response. <i>Scientific Reports</i> , 2017, 7, 6286.	3.3	46
34	Chemical Synthesis of Marine-Derived Sulfoglycolipids, a New Class of Molecular Adjuvants. <i>Marine Drugs</i> , 2017, 15, 288.	4.6	14
35	Profiling of complex lipids in marine microalgae by UHPLC/tandem mass spectrometry. <i>Algal Research</i> , 2016, 17, 348-358.	4.6	47
36	Glycolipids synthesis: improved hydrazinolysis conditions for preparation of 1,2-polyunsaturated fatty acyl-1,2-monogalactosyl-glycerols. <i>Carbohydrate Research</i> , 2016, 424, 21-23.	2.3	10

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37	Synthesis of parazoanthine B and analogs. <i>Tetrahedron</i> , 2015, 71, 4379-4384.	1.9	8
38	Design and synthesis of fluorescent galactolipid probes. <i>Tetrahedron Letters</i> , 2014, 55, 3521-3524.	1.4	3
39	Packaging and Delivery of Chemical Weapons: A Defensive Trojan Horse Stratagem in Chromodorid Nudibranchs. <i>PLoS ONE</i> , 2013, 8, e62075.	2.5	37
40	Design and Synthesis of Pro-Apoptotic Compounds Inspired by Diatom Oxylipins. <i>Marine Drugs</i> , 2013, 11, 4527-4543.	4.6	7
41	Synthesis of Phidianidine B, a highly cytotoxic 1,2,4-oxadiazole marine metabolite. <i>Arkivoc</i> , 2013, 2012, 220-228.	0.5	16
42	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
43	Biosynthetic Studies Through Feeding Experiments in Marine Organisms. <i>Journal of Natural Products</i> , 2012, 74, 895-946.		3
44	Chemo-enzymatic preparation of $\pm$ -6-sulfoquinovosyl-1,2-O-diacylglycerols. <i>Tetrahedron</i> , 2012, 68, 10169-10175.	1.9	7
45	The first record of neolignans from the marine phanerogam <i>Posidonia oceanica</i> . <i>Phytochemistry Letters</i> , 2012, 5, 696-699.	1.2	11
46	First synthesis of parazoanthine-A and its O-Me derivative. <i>Tetrahedron Letters</i> , 2012, 53, 7083-7084.	1.4	9
47	An efficient and versatile chemical synthesis of bioactive glyco-glycerolipids. <i>Tetrahedron Letters</i> , 2012, 53, 879-881.	1.4	42
48	Fulvynes, antimicrobial polyoxygenated acetylenes from the Mediterranean sponge <i>Haliclona fulva</i> . <i>Tetrahedron</i> , 2012, 68, 754-760.	1.9	39
49	Chemical synthesis of funicone analogs. <i>Tetrahedron</i> , 2012, 68, 4107-4111.	1.9	9
50	Bioactive Terpenes from <i>Spongia officinalis</i> . <i>Journal of Natural Products</i> , 2011, 74, 1241-1247.	3.0	27
51	Evaluation of the antifouling properties of 3-alkylpyridine compounds. <i>Biofouling</i> , 2011, 27, 99-109.	2.2	29
52	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
53	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
54	LIPOXYGENASE PRODUCTS IN MARINE DIATOMS: A CONCISE ANALYTICAL METHOD TO EXPLORE THE FUNCTIONAL POTENTIAL OF OXYLIPINS1. <i>Journal of Phycology</i> , 2011, 47, 233-243.	2.3	48

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55	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
56	Crucigasterins A–E, antimicrobial amino alcohols from the Mediterranean colonial ascidian <i>Pseudodistoma crucigaster</i> . <i>Tetrahedron</i> , 2010, 66, 7533-7538.	1.9	20
57	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
58	Occurrence and Bioactivities of Funicone-Related Compounds. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1430-1444.	4.1	29
59	Diterpene content of the alga <i>Dictyota ciliolata</i> from a Moroccan lagoon. <i>Phytochemistry Letters</i> , 2009, 2, 211-215.	1.2	22
60	Aplysiopsenes: an additional example of marine polyketides with a mixed acetate/propionate pathway. <i>Tetrahedron Letters</i> , 2009, 50, 527-529.	1.4	15
61	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
62	Bioprospecting for antagonistic <i>Penicillium</i> strains as a resource of new antitumor compounds. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 189-195.	3.6	19
63	Chemical characterisation of the terpenoid constituents of the Algerian plant <i>Launaea arborescens</i> . <i>Phytochemistry</i> , 2008, 69, 2984-2992.	2.9	22
64	Cytosporin-related compounds from the marine-derived fungus <i>Eutypella scoparia</i> . <i>Tetrahedron</i> , 2008, 64, 5365-5369.	1.9	53
65	Studies on puupehenone-metabolites of a <i>Dysidea</i> sp.: structure and biological activity. <i>Tetrahedron</i> , 2007, 63, 1380-1384.	1.9	33
66	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
67	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
68	New bioactive hydrogenated linderazulene-derivatives from the gorgonian <i>Echinogorgia</i> complexa. <i>Tetrahedron Letters</i> , 2007, 48, 2569-2571.	1.4	22
69	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
70	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
71	New Caulerpenyne-derived Metabolites of an <i>Elysia</i> Sacoglossan from the South Indian Coast. <i>Molecules</i> , 2006, 11, 808-816.	3.8	13
72	New $\delta^3$ -pyrone propionates from the Indian Ocean sacoglossan <i>Placobranchus ocellatus</i> . <i>Tetrahedron Letters</i> , 2005, 46, 465-468.	1.4	56

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73	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
74	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
75	Ceratamines, Structurally Simple Microtubule-Stabilizing Antimitotic Agents with Unusual Cellular Effects. <i>Cancer Research</i> , 2005, 65, 3040-3043.	0.9	39
76	New C21 $\delta^20$ pregnanes, inhibitors of mitochondrial respiratory chain, from Indopacific octocoral <i>Carijoa</i> sp.. <i>Tetrahedron Letters</i> , 2004, 45, 7745-7748.	1.4	24
77	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
78	Ceratamines A and B, Antimitotic Heterocyclic Alkaloids Isolated from the Marine Sponge <i>Pseudoceratina</i> sp. Collected in Papua New Guinea. <i>Organic Letters</i> , 2003, 5, 4591-4594.	4.6	56
79	Reaction of cyclic ketals with ceric ammonium nitrate in acetonitrile/water. <i>Tetrahedron</i> , 2002, 58, 129-133.	1.9	10
80	Solvent Effect on the Isomeric Equilibrium of Carbohydrates: The Superior Ability of 2,2,2-Trifluoroethanol for Intramolecular Hydrogen Bond Stabilization. <i>Journal of the American Chemical Society</i> , 2001, 123, 12605-12610.	13.7	14
81	Presence of $\beta^2$ -glycosyl linkages in caryophyllan: the main polysaccharide from the <i>Pseudomonas caryophylli</i> LPS fraction. <i>Carbohydrate Research</i> , 1998, 307, 167-172.	2.3	8