

Olivier P Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5128100/publications.pdf>

Version: 2024-02-01

180
papers

4,185
citations

126907

33
h-index

182427

51
g-index

192
all docs

192
docs citations

192
times ranked

5219
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and antitumoural activities of some Phaeophyta from Brittany coasts. Food Chemistry, 2009, 116, 693-701.	8.2	198
2	Antioxidant activities in tropical marine macroalgae from the Yucatan Peninsula, Mexico. Journal of Applied Phycology, 2007, 19, 449-458.	2.8	180
3	Alginate, mannitol, phenolic compounds and biological activities of two range-extending brown algae, <i>Sargassum mangarevense</i> and <i>Turbinaria ornata</i> (Phaeophyta: Fucales), from Tahiti (French) Tj ETQq1 1 0.784314 rgBT16 Overlo	4.3	160
4	Sustainable production of biologically active molecules of marine based origin. New Biotechnology, 2013, 30, 839-850.	4.4	92
5	Metabolic fingerprinting as an indicator of biodiversity: towards understanding inter-specific relationships among <i>Homoscleromorpha</i> sponges. Metabolomics, 2011, 7, 289-304.	3.0	77
6	The Essentials of Marine Biotechnology. Frontiers in Marine Science, 2021, 8, .	2.5	75
7	Sunscreen, antioxidant, and bactericide capacities of phlorotannins from the brown macroalga <i>Halidrys siliquosa</i> . Journal of Applied Phycology, 2016, 28, 3547-3559.	2.8	73
8	Bioactive Guanidine Alkaloids from Two Caribbean Marine Sponges. Journal of Natural Products, 2009, 72, 1589-1594.	3.0	71
9	<i>Caulerpa</i> consumption, nutritional value and farming in the Indo-Pacific region. Journal of Applied Phycology, 2017, 29, 2249-2266.	2.8	70
10	Antiprotozoal Steroidal Saponins from the Marine Sponge <i>Pandaros acanthifolium</i> . Journal of Natural Products, 2010, 73, 1404-1410.	3.0	68
11	Antitumor and Antimicrobial Potential of Bromoditerpenes Isolated from the Red Alga, <i>Sphaerococcus coronopifolius</i> . Marine Drugs, 2015, 13, 713-726.	4.6	67
12	Parazoanthines A-E, Hydantoin Alkaloids from the Mediterranean Sea Anemone <i>Parazoanthus axinellae</i> . Journal of Natural Products, 2009, 72, 1612-1615.	3.0	66
13	Marine Anticancer Agents: An Overview with a Particular Focus on Their Chemical Classes. Marine Drugs, 2020, 18, 619.	4.6	62
14	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . Organic Letters, 2015, 17, 2392-2395.	4.6	60
15	Ligerin, an Antiproliferative Chlorinated Sesquiterpenoid from a Marine-Derived <i>Penicillium</i> Strain. Journal of Natural Products, 2013, 76, 297-301.	3.0	59
16	Marine invasive macroalgae: Turning a real threat into a major opportunity - the biotechnological potential of <i>Sargassum muticum</i> and <i>Asparagopsis armata</i> . Algal Research, 2018, 34, 217-234.	4.6	58
17	Sesquiterpene lactones from the endemic Cape Verdean <i>Artemisia gorgonum</i> . Phytochemistry, 2008, 69, 2961-2965.	2.9	53
18	Antioxidant and cytotoxic activities of some red algae (Rhodophyta) from Brittany coasts (France). Botanica Marina, 2009, 52, 268-277.	1.2	51

#	ARTICLE	IF	CITATIONS
19	The Tara Pacific expedition—A pan-ecosystemic approach of the “omics” complexity of coral reef holobionts across the Pacific Ocean. <i>PLoS Biology</i> , 2019, 17, e3000483.	5.6	48
20	Characterization of cylindrospermopsin chlorination. <i>Science of the Total Environment</i> , 2010, 408, 3433-3442.	8.0	47
21	Additional bioactive guanidine alkaloids from the Mediterranean sponge <i>Crambe crambe</i> . <i>RSC Advances</i> , 2012, 2, 2828.	3.6	47
22	Balibalosides, an Original Family of Glucosylated Sesterterpenes Produced by the Mediterranean Sponge <i>Oscarella balibaloi</i> . <i>Marine Drugs</i> , 2013, 11, 1477-1489.	4.6	47
23	Allelopathic interactions between the brown algal genus <i>Lobophora</i> (Dictyotales, Phaeophyceae) and scleractinian corals. <i>Scientific Reports</i> , 2016, 6, 18637.	3.3	47
24	Antifouling Properties of Simple Indole and Purine Alkaloids from the Mediterranean Gorgonian <i>Paramuricea clavata</i> . <i>Journal of Natural Products</i> , 2011, 74, 2304-2308.	3.0	45
25	Marine sponges as a powerful tool for trace elements biomonitoring studies in coastal environment. <i>Marine Pollution Bulletin</i> , 2018, 131, 633-645.	5.0	44
26	Discrimination of Four Marine Biofilm-Forming Bacteria by LC-MS Metabolomics and Influence of Culture Parameters. <i>Journal of Proteome Research</i> , 2017, 16, 1962-1975.	3.7	43
27	Expanding Tara Oceans Protocols for Underway, Ecosystemic Sampling of the Ocean-Atmosphere Interface During Tara Pacific Expedition (2016–2018). <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	42
28	Mahorones, Highly Brominated Cyclopentenones from the Red Alga <i>Asparagopsis taxiformis</i> . <i>Journal of Natural Products</i> , 2014, 77, 1150-1155.	3.0	40
29	Structure Elucidation and Biological Evaluation of Maitotoxin-3, a Homologue of Gambierone, from <i>Gambierdiscus belizeanus</i> . <i>Toxins</i> , 2019, 11, 79.	3.4	39
30	Differential Effects of Crambescins and Crambescidin 816 in Voltage-Gated Sodium, Potassium and Calcium Channels in Neurons. <i>Chemical Research in Toxicology</i> , 2013, 26, 169-178.	3.3	38
31	Suberitane sesterterpenoids from the Antarctic sponge <i>Phorbas areolatus</i> (Thiele, 1905). <i>Tetrahedron Letters</i> , 2018, 59, 3353-3356.	1.4	37
32	New Insight into Marine Alkaloid Metabolic Pathways: Revisiting Oroidin Biosynthesis. <i>ChemBioChem</i> , 2011, 12, 2298-2301.	2.6	35
33	Biological activities associated to the chemodiversity of the brown algae belonging to genus <i>Lobophora</i> (Dictyotales, Phaeophyceae). <i>Phytochemistry Reviews</i> , 2017, 16, 1-17.	6.5	34
34	Marine guanidine alkaloids crambescidins inhibit tumor growth and activate intrinsic apoptotic signaling inducing tumor regression in a colorectal carcinoma zebrafish xenograft model. <i>Oncotarget</i> , 2016, 7, 83071-83087.	1.8	34
35	Antiparasitic Bromotyrosine Derivatives from the Marine Sponge <i>Verongula rigida</i> . <i>Marine Drugs</i> , 2011, 9, 1902-1913.	4.6	32
36	Patterns of Chemical Diversity in the Mediterranean Sponge <i>Spongia lamella</i> . <i>PLoS ONE</i> , 2011, 6, e20844.	2.5	32

#	ARTICLE	IF	CITATIONS
37	Allelopathic interactions between the benthic toxic dinoflagellate <i>Ostreopsis cf. ovata</i> and a co-occurring diatom. <i>Harmful Algae</i> , 2018, 75, 35-44.	4.8	32
38	Mechanism of cytotoxic action of crambescidin-816 on human liver-derived tumour cells. <i>British Journal of Pharmacology</i> , 2014, 171, 1655-1667.	5.4	29
39	Metabolomic profiling reveals deep chemical divergence between two morphotypes of the zoanthid <i>Parazoanthus axinellae</i> . <i>Scientific Reports</i> , 2015, 5, 8282.	3.3	29
40	Biochemical Trade-Offs: Evidence for Ecologically Linked Secondary Metabolism of the Sponge <i>Oscarella balibaloï</i> . <i>PLoS ONE</i> , 2011, 6, e28059.	2.5	29
41	<i>Oscarella balibaloï</i> , a new sponge species (Homoscleromorpha: Plakinidae) from the Western Mediterranean Sea: cytological description, reproductive cycle and ecology. <i>Marine Ecology</i> , 2011, 32, 174-187.	1.1	28
42	Crambescidin-816 Acts as a Fungicidal with More Potency than Crambescidin-800 and -830, Inducing Cell Cycle Arrest, Increased Cell Size and Apoptosis in <i>Saccharomyces cerevisiae</i> . <i>Marine Drugs</i> , 2013, 11, 4419-4434.	4.6	28
43	Spherulization as a process for the exudation of chemical cues by the encrusting sponge <i>C. crambe</i> . <i>Scientific Reports</i> , 2016, 6, 29474.	3.3	28
44	On the use of 31P NMR for the quantification of hydrosoluble phosphorus-containing compounds in coral host tissues and cultured zooxanthellae. <i>Scientific Reports</i> , 2016, 6, 21760.	3.3	28
45	Hyporientalin A, an anti-Candida peptaibol from a marine <i>Trichoderma orientale</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 98.	3.6	28
46	Cystophloroketals A-E, Unusual Phloroglucinol-Meroterpenoid Hybrids from the Brown Alga <i>Cystoseira tamariscifolia</i> . <i>Journal of Natural Products</i> , 2015, 78, 1663-1670.	3.0	27
47	Antioxidant and Cytoprotective Activities of <i>Fucus spiralis</i> Seaweed on a Human Cell in Vitro Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 292.	4.1	27
48	New bioactive cyclic peroxides from the Caribbean marine sponge <i>Plakortis zyggompha</i> . <i>Tetrahedron</i> , 2005, 61, 11843-11849.	1.9	26
49	Furfuran lignans and a flavone from <i>Artemisia gorgonum</i> Webb and their in vitro activity against <i>Plasmodium falciparum</i> . <i>Journal of Ethnopharmacology</i> , 2011, 138, 637-640.	4.1	26
50	Additional Cytotoxic Pyridoacridine Alkaloids from the Ascidian <i>Cystodytes violatinctus</i> and Biogenetic Considerations. <i>Journal of Natural Products</i> , 2013, 76, 1801-1805.	3.0	26
51	High metabolic variation for seaweeds in response to environmental changes: a case study of the brown algae <i>Lobophora</i> in coral reefs. <i>Scientific Reports</i> , 2019, 9, 993.	3.3	26
52	Sodwanone S, a Triterpene from the Marine Sponge <i>Axinella weltneri</i> . <i>Journal of Natural Products</i> , 2005, 68, 1284-1287.	3.0	25
53	Variations in Microbial Diversity and Metabolite Profiles of the Tropical Marine Sponge <i>Xestospongia muta</i> with Season and Depth. <i>Microbial Ecology</i> , 2019, 78, 243-256.	2.8	25
54	Composition and Biological Properties of the Volatile Oil of <i>Artemisia gorgonum</i> Webb. <i>Chemistry and Biodiversity</i> , 2010, 7, 1325-1332.	2.1	24

#	ARTICLE	IF	CITATIONS
55	Metabolome Consistency: Additional Parazoanthines from the Mediterranean Zoanthid Parazoanthus Axinellae. <i>Metabolites</i> , 2014, 4, 421-432.	2.9	24
56	Natural paniceins from mediterranean sponge inhibit the multidrug resistance activity of Patched and increase chemotherapy efficiency on melanoma cells. <i>Oncotarget</i> , 2015, 6, 22282-22297.	1.8	24
57	Speciation of americium in seawater and accumulation in the marine sponge <i>Aplysina cavernicola</i> . <i>Dalton Transactions</i> , 2015, 44, 20584-20596.	3.3	24
58	Metabolome variability for two Mediterranean sponge species of the genus <i>Haliclona</i> : specificity, time, and space. <i>Metabolomics</i> , 2018, 14, 114.	3.0	24
59	Lysophospholipids in the Mediterranean Sponge <i>Oscarella tuberculata</i> : Seasonal Variability and Putative Biological Role. <i>Journal of Chemical Ecology</i> , 2011, 37, 537-545.	1.8	23
60	Antinociception Produced by <i>Thalassia Testudinum</i> Extract BM-21 is Mediated by the Inhibition of Acid Sensing Ionic Channels by the Phenolic Compound Thalassiolin B. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-10.	2.1	23
61	Acanthifoliosides, minor steroidal saponins from the Caribbean sponge <i>Pandaros acanthifolium</i> . <i>Tetrahedron</i> , 2011, 67, 1011-1018.	1.9	23
62	Comparative bioaccumulation kinetics of trace elements in Mediterranean marine sponges. <i>Chemosphere</i> , 2012, 89, 340-349.	8.2	23
63	The interaction between the proliferating macroalga <i>Asparagopsis taxiformis</i> and the coral <i>Astroïdes calycularis</i> induces changes in microbiome and metabolomic fingerprints. <i>Scientific Reports</i> , 2017, 7, 42625.	3.3	23
64	Bioinspired Metal-Catalysed Doebner-Knoevenagel Condensations between Malonic Acid Half Thioesters and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1743-1748.	2.4	22
65	Indole alkaloids from the Marquesan plant <i>Rauvolfia nukuhivensis</i> and their effects on ion channels. <i>Phytochemistry</i> , 2015, 109, 84-95.	2.9	22
66	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	22
67	Pachychalines A-C: Novel 3-Alkylpyridinium Salts from the Marine Sponge <i>Pachychalina</i> sp.. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 121-125.	2.4	21
68	Nukuhivensiums, Indolo[2,3-a]quinoliziniums from the Marquesan Plant <i>Rauvolfia nukuhivensis</i> . <i>Molecules</i> , 2012, 17, 12015-12022.	3.8	21
69	Genome Mining Coupled with OSMAC-Based Cultivation Reveal Differential Production of Surugamide A by the Marine Sponge Isolate <i>Streptomyces</i> sp. SM17 When Compared to Its Terrestrial Relative <i>S. albidoflavus</i> J1074. <i>Microorganisms</i> , 2019, 7, 394.	3.6	21
70	Macroalgal diversity for sustainable biotechnological development in French tropical overseas territories. <i>Botanica Marina</i> , 2020, 63, 17-41.	1.2	21
71	Steroidal glycosides from the marine sponge <i>Pandaros acanthifolium</i> . <i>Steroids</i> , 2009, 74, 746-750.	1.8	20
72	Effects of the toxic dinoflagellate <i>Ostreopsis</i> cf. <i>ovata</i> on survival, feeding and reproduction of a phytal harpacticoid copepod. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 516, 103-113.	1.5	20

#	ARTICLE	IF	CITATIONS
73	Iso-,Nor-, andDinor-Spiculoic Acids A, Polyketides from the Marine SpongePlakortiszyggompha. Journal of Natural Products, 2005, 68, 547-549.	3.0	19
74	Evaluation of the Protective Effects of Sarains on H2O2-Induced Mitochondrial Dysfunction and Oxidative Stress in SH-SY5Y Neuroblastoma Cells. Neurotoxicity Research, 2017, 32, 368-380.	2.7	19
75	Terrazoanthines, 2-Aminoimidazole Alkaloids from the Tropical Eastern Pacific Zoantharian <i>Terrazoanthus onoi</i> . Organic Letters, 2017, 19, 1558-1561.	4.6	19
76	How a collaborative integrated taxonomic effort has trained new spongiologists and improved knowledge of Martinique Island (French Antilles, eastern Caribbean Sea) marine biodiversity. PLoS ONE, 2017, 12, e0173859.	2.5	19
77	Brominated Bisindole Alkaloids from the Celtic Sea Sponge Spongisorites calcicola. Molecules, 2019, 24, 3890.	3.8	18
78	In situ electrochemical oxidation in electro dialysis for antibiotics removal during nutrient recovery from pig manure digestate. Chemical Engineering Journal, 2021, 413, 127485.	12.7	18
79	Distribution and biomass evaluation of drifting brown algae from Moorea lagoon (French Polynesia) for eco-friendly agricultural use. Journal of Applied Phycology, 2015, 27, 1277-1287.	2.8	17
80	Gersemiols A and Eunicellol A, Diterpenoids from the Arctic Soft Coral <i>Gersemia fruticosa</i> . Journal of Natural Products, 2016, 79, 1132-1136.	3.0	17
81	Chemogeography of the red macroalgae <i>Asparagopsis</i> : metabolomics, bioactivity, and relation to invasiveness. Metabolomics, 2017, 13, 1.	3.0	17
82	Zoanthamine Alkaloids from the Zoantharian <i>Zoanthus cf. pulchellus</i> and Their Effects in Neuroinflammation. Marine Drugs, 2018, 16, 242.	4.6	17
83	Metabolomic variability of four macroalgal species of the genus <i>Lobophora</i> using diverse approaches. Phytochemistry, 2019, 162, 165-172.	2.9	17
84	Marine natural products from zoantharians: bioactivity, biosynthesis, systematics, and ecological roles. Natural Product Reports, 2020, 37, 515-540.	10.3	17
85	Metabolomic study of soft corals from the Colombian Caribbean: PSYCHE and 1H-NMR comparative analysis. Scientific Reports, 2020, 10, 5417.	3.3	17
86	The marine sponge <i>Plakortis zyggompha</i> : a source of original bioactive polyketides. Tetrahedron, 2007, 63, 2328-2334.	1.9	16
87	Revising the Absolute Configurations of Coatlines via Density Functional Theory Calculations of Electronic Circular Dichroism Spectra. Chirality, 2013, 25, 180-184.	2.6	16
88	The Marine Guanidine Alkaloid Crambescidin 816 Induces Calcium Influx and Cytotoxicity in Primary Cultures of Cortical Neurons through Glutamate Receptors. ACS Chemical Neuroscience, 2017, 8, 1609-1617.	3.5	16
89	Benthic cyanobacteria on coral reefs of Moorea Island (French Polynesia): diversity response to habitat quality. Hydrobiologia, 2019, 843, 61-78.	2.0	16
90	Njaoaminiums A, B, and C: Cyclic 3-Alkylpyridinium Salts from the Marine Sponge <i>Reniera sp.</i> . Molecules, 2009, 14, 4716-4724.	3.8	15

#	ARTICLE	IF	CITATIONS
91	Cytotoxic and haemolytic steroidal glycosides from the Caribbean sponge <i>Pandaros acanthifolium</i> . <i>Steroids</i> , 2011, 76, 1389-1396.	1.8	15
92	Environmental solutions for the sustainable production of bioactive natural products from the marine sponge <i>Crambe crambe</i> . <i>Science of the Total Environment</i> , 2014, 475, 71-82.	8.0	15
93	Poecillastrosides, Steroidal Saponins from the Mediterranean Deep-Sea Sponge <i>Poecillastra compressa</i> (Bowerbank, 1866). <i>Marine Drugs</i> , 2017, 15, 199.	4.6	15
94	Stereochemical Study of Punaic Acid, an Allenic Fatty Acid from the Eastern Indo-Pacific Cyanobacterium <i>Pseudanabaena</i> sp. <i>Organic Letters</i> , 2018, 20, 2311-2314.	4.6	15
95	Assessing the Zoantharian Diversity of the Tropical Eastern Pacific through an Integrative Approach. <i>Scientific Reports</i> , 2018, 8, 7138.	3.3	15
96	Comparative study on Hg bioaccumulation and biotransformation in Mediterranean and Atlantic sponge species. <i>Chemosphere</i> , 2020, 260, 127515.	8.2	15
97	Dictyotadimer A, a new dissymmetric bis-diterpene from a brown alga of the genus <i>Dictyota</i> . <i>Tetrahedron Letters</i> , 2011, 52, 1031-1035.	1.4	14
98	Sponge Chemical Diversity. <i>Advances in Marine Biology</i> , 2012, 62, 183-230.	1.4	14
99	Comparative study on the bioaccumulation and biotransformation of arsenic by some northeastern Atlantic and northwestern Mediterranean sponges. <i>Chemosphere</i> , 2018, 201, 826-839.	8.2	14
100	Futunamine, a Pyrrole-Imidazole Alkaloid from the Sponge <i>Stylissa</i> aff. <i>carteri</i> Collected off the Futuna Islands. <i>Journal of Natural Products</i> , 2020, 83, 2299-2304.	3.0	14
101	3-Alkylpyridinium salts from Haplosclerida marine sponges: Isolation, structure elucidations, and biosynthetic considerations. <i>Pure and Applied Chemistry</i> , 2009, 81, 1033-1040.	1.9	13
102	Structure elucidation of the new citharoxazole from the Mediterranean deep-sea sponge <i>Latrunculia</i> (<i>Biannulata</i>) <i>citharistae</i> . <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 533-536.	1.9	13
103	Chemical diversity in the scleractinian coral <i>Astroides calycularis</i> . <i>Phytochemistry Letters</i> , 2013, 6, 205-208.	1.2	13
104	Extraction, Purification, and NMR Analysis of Terpenes from Brown Algae. <i>Methods in Molecular Biology</i> , 2015, 1308, 207-223.	0.9	13
105	Efficient, fast and inexpensive bioassay to monitor benthic microalgae toxicity: Application to <i>Ostreopsis</i> species. <i>Aquatic Toxicology</i> , 2020, 223, 105485.	4.0	13
106	Bromopyrrole alkaloids from the caribbean sponge <i>Agelas cerebrum</i> . <i>Quimica Nova</i> , 2011, 34, 289-291.	0.3	12
107	Ulososides and Urabosides - Triterpenoid Saponins from the Caribbean Marine Sponge <i>Ectyoplasia ferox</i> . <i>Molecules</i> , 2013, 18, 2598-2610.	3.8	12
108	Volatile Compounds of <i>Viola odorata</i> Absolutes: Identification of Odorant Active Markers to Distinguish Plants Originating from France and Egypt. <i>Chemistry and Biodiversity</i> , 2014, 11, 843-860.	2.1	12

#	ARTICLE	IF	CITATIONS
109	Does the Chemical Diversity of the Order Haplosclerida (Phylum Porifera: Class Demospongia) Fit with Current Taxonomic Classification?. <i>Planta Medica</i> , 2016, 82, 843-856.	1.3	12
110	Treasures from the Deep: Characellides as Anti-Inflammatory Lipoglycotriptides from the Sponge <i>Characella pachastrelloides</i> . <i>Organic Letters</i> , 2019, 21, 246-251.	4.6	12
111	Impact of ocean acidification on the metabolome of the brown macroalgae <i>Lobophora rosacea</i> from New Caledonia. <i>Algal Research</i> , 2020, 46, 101783.	4.6	12
112	Taxonomy and toxicity of a bloom-forming <i>Ostreopsis</i> species (Dinophyceae, Gonyaulacales) in Tahiti island (South Pacific Ocean): one step further towards resolving the identity of <i>O. siamensis</i> .. <i>Harmful Algae</i> , 2020, 98, 101888.	4.8	12
113	Optimization of LC-MS2 Data Acquisition Parameters for Molecular Networking Applied to Marine Natural Products. <i>Metabolites</i> , 2022, 12, 245.	2.9	12
114	Crambescin C1 Exerts a Cytoprotective Effect on HepG2 Cells through Metallothionein Induction. <i>Marine Drugs</i> , 2015, 13, 4633-4653.	4.6	11
115	Integrative taxonomic description of <i>Plakina kanaky</i> , a new polychromatic sponge species from New Caledonia (Porifera: Homoscleromorpha). <i>Marine Ecology</i> , 2015, 36, 1129-1143.	1.1	11
116	How Environmental Factors Affect the Production of Guanidine Alkaloids by the Mediterranean Sponge <i>Crambe crambe</i> . <i>Marine Drugs</i> , 2017, 15, 181.	4.6	11
117	Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 520-525.	13.8	11
118	A Novel High-Throughput Screening Platform Identifies Itaconate Derivatives from Marine <i>Penicillium antarcticum</i> as Inhibitors of Mesenchymal Stem Cell Differentiation. <i>Marine Drugs</i> , 2020, 18, 192.	4.6	11
119	Halogenated Tyrosine Derivatives from the Tropical Eastern Pacific Zoantharians <i>Antipathozoanthus hickmani</i> and <i>Parazoanthus darwini</i> . <i>Journal of Natural Products</i> , 2019, 82, 1354-1360.	3.0	10
120	Exploring the chemodiversity of tropical microalgae for the discovery of natural antifouling compounds. <i>Journal of Applied Phycology</i> , 2019, 31, 319-333.	2.8	10
121	Exploring the Role of Macroalgal Surface Metabolites on the Settlement of the Benthic Dinoflagellate <i>Ostreopsis cf. ovata</i> . <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
122	A new rearrangement of N-trifluoroacetoxymmonium salt under Polonovski's "Potier reaction conditions: aziridinium versus iminium formation. <i>Tetrahedron Letters</i> , 2001, 42, 3291-3293.	1.4	9
123	A Partial Synthesis of the Skeleton of Deoxypumiloside, a Putative Intermediate in Camptothecin Biosynthesis. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 157-162.	2.4	9
124	Biosynthesis in marine sponges: the radiolabelling strikes back. <i>Phytochemistry Reviews</i> , 2013, 12, 425-434.	6.5	9
125	Autumnalamide, a Prenylated Cyclic Peptide from the Cyanobacterium <i>Phormidium autumnale</i> , Acts on SH-SY5Y Cells at the Mitochondrial Level. <i>Journal of Natural Products</i> , 2014, 77, 2196-2205.	3.0	9
126	Eryloside W, a triterpenoid saponin from the sponge <i>Dictyonella marsilii</i> . <i>Phytochemistry Letters</i> , 2015, 13, 252-255.	1.2	9

#	ARTICLE	IF	CITATIONS
127	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . <i>Marine Drugs</i> , 2019, 17, 319.	4.6	9
128	Antibacterial Activity and Amphidinol Profiling of the Marine Dinoflagellate <i>Amphidinium carterae</i> (Subclade III). <i>International Journal of Molecular Sciences</i> , 2021, 22, 12196.	4.1	9
129	Antiparasitic bromotyrosine derivatives from the Caribbean marine sponge <i>Aiolochroia crassa</i> . <i>Quimica Nova</i> , 2012, 35, 1189-1193.	0.3	8
130	<i>In vitro</i> antiplasmodial activity, cytotoxicity and chemical profiles of sponge species of Cuban coasts. <i>Natural Product Research</i> , 2014, 28, 312-317.	1.8	8
131	Two-dimensional ultra high pressure liquid chromatography quadrupole/time-of-flight mass spectrometry for semi-targeted natural compounds identification. <i>Phytochemistry Letters</i> , 2014, 10, 318-323.	1.2	8
132	Metabolomics as a tool for the authentication of rose extracts used in flavour and fragrance area. <i>Metabolomics</i> , 2016, 12, 1.	3.0	8
133	Callyspongic Acids: Amphiphilic Diacids from the Tropical Eastern Pacific Sponge <i>Callyspongia cf. californica</i> . <i>Journal of Natural Products</i> , 2018, 81, 2301-2305.	3.0	8
134	Ecdysonelactones, Ecdysteroids from the Tropical Eastern Pacific Zoantharian Antipathozoanthus <i>hickmani</i> . <i>Marine Drugs</i> , 2018, 16, 58.	4.6	8
135	Nebulosins: Trisubstituted Thiolane Natural Products from the Northeastern Atlantic Annelid <i>Eupolymnia nebulosa</i> . <i>Journal of Organic Chemistry</i> , 2020, 85, 14026-14041.	3.2	8
136	Specialized microbiome of the cave-dwelling sponge <i>Plakina kanaky</i> (Porifera, Homoscleromorpha). <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	8
137	Development of a work-flow for high-performance thin-layer chromatography data processing for untargeted metabolomics. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 328-332.	1.2	8
138	Marine sponges as coastal bioindicators of rare earth elements bioaccumulation in the French Mediterranean Sea. <i>Environmental Pollution</i> , 2022, 304, 119172.	7.5	8
139	Isolation and synthesis of pygmanilines, phenylurea derivatives from the Northeastern Atlantic lichen <i>Lichina pygmaea</i> . <i>Tetrahedron Letters</i> , 2017, 58, 1237-1239.	1.4	7
140	Differential effects of coral-giant clam assemblages on biofouling formation. <i>Scientific Reports</i> , 2019, 9, 2675.	3.3	7
141	Potential of tropical macroalgae from French Polynesia for biotechnological applications. <i>Journal of Applied Phycology</i> , 2020, 32, 2343-2362.	2.8	7
142	Insights into the Metabolome of the Cyanobacterium <i>Leibleinia gracilis</i> from the Lagoon of Tahiti and First Inspection of Its Variability. <i>Metabolites</i> , 2020, 10, 215.	2.9	7
143	Determination of the absolute configuration and evaluation of the <i>in vitro</i> antitumor activity of dilospirane B. <i>Phytochemistry Letters</i> , 2012, 5, 747-751.	1.2	6
144	Phytochemical Analysis and Antioxidant Capacity of BM-21, a Bioactive Extract Rich in Polyphenolic Metabolites from the Sea Grass <i>Thalassia testudinum</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	6

#	ARTICLE	IF	CITATIONS
145	Bio-invasive ascidians in Ireland: A threat for the shellfish industry but also a source of high added value products. <i>Bioengineered</i> , 2018, 9, 55-60.	3.2	6
146	Unusual Polycyclic Fused Product by Oxidative Enzymatic Dimerisation of 5-methylpyrogallol Catalysed by Horseradish Peroxidase/H ₂ O ₂ . <i>Molecules</i> , 2018, 23, 2619.	3.8	6
147	Chemical Insights into the Anchinopeptolide Series. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5515-5518.	2.4	6
148	Contemporary Approaches to the Discovery and Development of Broad-Spectrum Natural Product Prototypes for the Control of Coronaviruses. <i>Journal of Natural Products</i> , 2021, 84, 3001-3007.	3.0	6
149	Synthesis of (±)-17-Methylcamptothecins. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1128-1135.	2.4	5
150	Photoprotecting Action and Phytochemical Analysis of a Multiple Radical Scavenger Lipophilic Fraction Obtained from the Leaf of the Seagrass <i>Thalassia testudinum</i> . <i>Photochemistry and Photobiology</i> , 2011, 87, 1058-1066.	2.5	5
151	Absolute Configuration of the New 3-epi-cladocroic Acid from the Mediterranean Sponge <i>Haliclona fulva</i> . <i>Metabolites</i> , 2013, 3, 24-32.	2.9	5
152	Metabolomics for the Authentication of Natural Extracts Used in Flavors and Fragrances: the Case Study of Violet Leaf Absolutes from <i>Viola odorata</i> . <i>Chemistry and Biodiversity</i> , 2016, 13, 737-747.	2.1	5
153	Isoguanosine derivatives from the Northeastern Atlantic sponge <i>Clathria (Microciona) strepsitoxa</i> . <i>Tetrahedron Letters</i> , 2017, 58, 4652-4654.	1.4	5
154	Assessment of the allelochemical activity of <i>Ostreopsis cf. ovata</i> and the ovatoxins towards competitive benthic microalgae. <i>Aquatic Ecology</i> , 2022, 56, 475-491.	1.5	5
155	Localization and Quantification of Carbon-Centered Radicals on Any Amino Acid of a Protein. <i>Analytical Chemistry</i> , 2007, 79, 5444-5448.	6.5	4
156	Further Insights into Brevetoxin Metabolism by de Novo Radiolabeling. <i>Toxins</i> , 2014, 6, 1785-1798.	3.4	4
157	Distance interaction between marine cave-dwelling sponges and crustaceans. <i>Marine Biology</i> , 2018, 165, 1.	1.5	4
158	Comparative Analyses of Metabolomic Fingerprints and Cytotoxic Activities of Soft Corals from the Colombian Caribbean. <i>Marine Drugs</i> , 2019, 17, 37.	4.6	4
159	Cytotoxic and Anti-Inflammatory Effects of Ent-Kaurane Derivatives Isolated from the Alpine Plant <i>Sideritis hyssopifolia</i> . <i>Molecules</i> , 2020, 25, 589.	3.8	4
160	Marine Biodiscovery in a Changing World. <i>Progress in the Chemistry of Organic Natural Products</i> , 2021, 116, 1-36.	1.1	4
161	Composition and antioxidant properties of the essential oil of the endemic Cape Verdean <i>Satureja forbesii</i> . <i>Natural Product Communications</i> , 2009, 4, 1277-80.	0.5	4
162	Bis-Indole Alkaloids Isolated from the Sponge <i>Spongosorites calcicola</i> Disrupt Cell Membranes of MRSA. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1991.	4.1	4

#	ARTICLE	IF	CITATIONS
163	Footprinting of Protein Interactions by Tritium Labeling. <i>Biochemistry</i> , 2010, 49, 4297-4299.	2.5	3
164	Autumnalamide targeted proteins of the immunophilin family. <i>Immunobiology</i> , 2017, 222, 241-250.	1.9	3
165	Structure Revision of Microginins 674 and 690 from the Cultured Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Journal of Natural Products</i> , 2019, 82, 1040-1044.	3.0	3
166	Toxicity of palytoxin, purified ovatoxin-a, ovatoxin-d and extracts of <i>Ostreopsis cf. ovata</i> on the Caco-2 intestinal barrier model. <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103909.	4.0	3
167	Polar Alkaloids from the Caribbean Marine Sponge <i>Niphates Digitalis</i> . <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	2
168	Chemical Composition and Antioxidant Activities of the Essential Oil from <i>Tornabenea bischoffii</i> (Apiaceae). <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.5	2
169	Inhibition of <i>Leucoagaricus gongylophorus</i> with <i>Carica papaya</i> : an alternative to control the leaf-cutter ant <i>Acromyrmex octospinosus</i> . <i>International Journal of Pest Management</i> , 2020, 66, 201-214.	1.8	2
170	Crambescin C1 Acts as A Possible Substrate of iNOS and eNOS Increasing Nitric Oxide Production and Inducing In Vivo Hypotensive Effect. <i>Frontiers in Pharmacology</i> , 2021, 12, 694639.	3.5	2
171	Immunomodulatory properties of characellide A on human peripheral blood mononuclear cells. <i>Inflammopharmacology</i> , 2021, 29, 1201-1210.	3.9	2
172	Unveiling the Chemical Diversity of the Deep-Sea Sponge <i>Characella pachastrelloides</i> . <i>Marine Drugs</i> , 2022, 20, 52.	4.6	2
173	On the use of X-ray absorption spectroscopy to elucidate the structure of lutetium adenosine mono- and triphosphate complexes. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1049-1061.	3.7	1
174	Toxins from Marine Invertebrates. , 2014, , 77-104.		1
175	Current Status and Perspectives in Marine Biodiscovery. <i>Topics in Biodiversity and Conservation</i> , 2017, , 29-50.	1.0	1
176	Database and WebGIS: tools for integration and access to biodiversity information of invertebrates of the marine reserve "El Pelado" (REMAPE). <i>Neotropical Biodiversity</i> , 2018, 4, 173-178.	0.5	1
177	Antifungal mono- and dimeric nitrogenous bisabolene derivatives from a sponge in the order Bubarida from Futuna Islands. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1031-1040.	2.8	1
178	Preface: Aquatic chemical ecology special issue. <i>Aquatic Ecology</i> , 2022, 56, 337-338.	1.5	1
179	Insights into the Biosynthesis of Cyclic Guanidine Alkaloids from Crambeidae Marine Sponges. <i>Angewandte Chemie</i> , 2019, 131, 530-535.	2.0	0
180	Serotonin and dopamine derivatives from the Papua New Guinea zoantharian <i>Zoanthus cf. sansibaricus</i> . <i>Phytochemistry Letters</i> , 2020, 40, 1-4.	1.2	0