

# Jaime Rodriguez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/166721/publications.pdf>

Version: 2024-02-01

170  
papers

5,066  
citations

94433

37  
h-index

133252

59  
g-index

198  
all docs

198  
docs citations

198  
times ranked

5408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unimodal size scaling of phytoplankton growth and the size dependence of nutrient uptake and use. <i>Ecology Letters</i> , 2013, 16, 371-379.	6.4	297
2	Mesoscale vertical motion and the size structure of phytoplankton in the ocean. <i>Nature</i> , 2001, 410, 360-363.	27.8	196
3	Relation between biomass and body weight of plankton in a steady state oceanic ecosystem1. <i>Limnology and Oceanography</i> , 1986, 31, 361-370.	3.1	188
4	Jasplakinolide's Inhibition of the Growth of Prostate Carcinoma Cells In Vitro With Disruption of the Actin Cytoskeleton. <i>Journal of the National Cancer Institute</i> , 1995, 87, 46-51.	6.3	144
5	Significance and mechanisms of photosynthetic production of dissolved organic carbon in a coastal eutrophic ecosystem. <i>Limnology and Oceanography</i> , 2004, 49, 1652-1666.	3.1	125
6	Scaling of phytoplankton photosynthesis and cell size in the ocean. <i>Limnology and Oceanography</i> , 2007, 52, 2190-2198.	3.1	114
7	Large-sized phytoplankton sustain higher carbon-specific photosynthesis than smaller cells in a coastal eutrophic ecosystem. <i>Marine Ecology - Progress Series</i> , 2005, 297, 51-60.	1.9	98
8	The structures and stereochemistry of cytotoxic sesquiterpene quinones from <i>dactylospongia elegans</i> . <i>Tetrahedron</i> , 1992, 48, 6667-6680.	1.9	94
9	Signaling the Induction of Sporulation Involves the Interaction of Two Secondary Metabolites in <i>Aspergillus nidulans</i> . <i>ACS Chemical Biology</i> , 2012, 7, 599-606.	3.4	72
10	Holothurinosides: New antitumour non sulphated triterpenoid glycosides from the sea cucumber <i>holothuria forskalii</i> . <i>Tetrahedron</i> , 1991, 47, 4753-4762.	1.9	71
11	Natural Products from Antarctic Colonial Ascidians of the Genera <i>Aplidium</i> and <i>Synoicum</i> : Variability and Defensive Role. <i>Marine Drugs</i> , 2012, 10, 1741-1764.	4.6	68
12	Didemniserinolipids $\text{A}\hat{\text{a}}^{\text{3}}\text{C}$ , Unprecedented Serinolipids from the Tunicate <i>Didemnum</i> sp.. <i>Journal of Organic Chemistry</i> , 1999, 64, 5705-5707.	3.2	65
13	Protein tyrosine kinase inhibitory properties of planar polycyclics obtained from the marine sponge <i>Xestospongia cf. carbonaria</i> and from total synthesis. <i>Journal of Organic Chemistry</i> , 1993, 58, 4871-4880.	3.2	64
14	An alkaloid protein kinase C inhibitor, xestocyclamine A, from the marine sponge <i>Xestospongia</i> sp. <i>Journal of the American Chemical Society</i> , 1993, 115, 10436-10437.	13.7	64
15	Evaluation of the effects of several zoanthamine-type alkaloids on the aggregation of human platelets. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2301-2306.	3.0	64
16	Isolation and synthesis of the first natural 6-hydroximino 4-en-3-one-steroids from the sponges <i>Cinachyrella</i> spp. <i>Tetrahedron Letters</i> , 1997, 38, 1833-1836.	1.4	63
17	Structural characterization of vanchrobactin, a new catechol siderophore produced by the fish pathogen <i>Vibrio anguillarum</i> serotype O2. <i>Tetrahedron Letters</i> , 2006, 47, 7113-7116.	1.4	60
18	New Structures and Bioactivity Patterns of Bengazole Alkaloids from a Choristid Marine Sponge. <i>Journal of Natural Products</i> , 1993, 56, 2034-2040.	3.0	57

#	ARTICLE	IF	CITATIONS
19	Chemical defenses of tunicates of the genus <i>Aplidium</i> from the Weddell Sea (Antarctica). <i>Polar Biology</i> , 2010, 33, 1319-1329.	1.2	54
20	The natural polypropionate-derived esters of the mollusk <i>Onchidium</i> sp. <i>Journal of Organic Chemistry</i> , 1992, 57, 4624-4632.	3.2	53
21	Onchidin B: A New Cyclodepsipeptide from the Mollusc <i>Onchidium</i> sp.. <i>Journal of the American Chemical Society</i> , 1996, 118, 11635-11643.	13.7	52
22	Absolute Structures of New Briarane Diterpenoids from <i>Junceella fragilis</i> . <i>Journal of Natural Products</i> , 1999, 62, 257-260.	3.0	52
23	1,2,3,4-tetrahydro-8-hydroxymanzamines, alkaloids from two different haplosclerid sponges. <i>Tetrahedron</i> , 1994, 50, 13567-13574.	1.9	51
24	Revised structure of xestocyclamine A and description of a new analogue. <i>Tetrahedron Letters</i> , 1994, 35, 4719-4722.	1.4	50
25	Onchidin: a cytotoxic depsipeptide with C2 symmetry from a marine mollusc. <i>Tetrahedron Letters</i> , 1994, 35, 9239-9242.	1.4	49
26	Synthesis and evaluation of new 6-hydroximinosteroid analogs as cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4722-4740.	3.0	49
27	Structure and Biosynthetic Assembly of Piscibactin, a Siderophore from <i>Photobacterium damsela</i> subsp. <i>piscicida</i> , Predicted from Genome Analysis. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5693-5700.	2.4	49
28	A Transmissible Plasmid-Borne Pathogenicity Island Confers Piscibactin Biosynthesis in the Fish Pathogen <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 5867-5879.	3.1	48
29	New cytotoxic steroids from the gorgonian <i>Isis hippuris</i> . Structure-activity studies. <i>Tetrahedron</i> , 2001, 57, 3487-3497.	1.9	47
30	Planktonic biomass spectra dynamics during a winter production pulse in Mediterranean coastal waters. <i>Journal of Plankton Research</i> , 1987, 9, 1183-1194.	1.8	46
31	Isolation, Biological Significance, Synthesis, and Cytotoxic Evaluation of New Natural Parathiosteroids A <sup>14</sup> C and Analogues from the Soft Coral <i>Paragorgia</i> sp.. <i>Journal of Organic Chemistry</i> , 2008, 73, 7978-7984.	3.2	46
32	3-Nitroasterric Acid Derivatives from an Antarctic Sponge-Derived <i>Pseudogymnoascus</i> sp. Fungus. <i>Journal of Natural Products</i> , 2015, 78, 919-923.	3.0	45
33	Synthesis of Cytotoxic 6E-Hydroximino-4-ene Steroids: Structure/Activity Studies. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2612-2618.	6.4	44
34	Distribution of virus-like Particles in an Oligotrophic Marine Environment (Alboran Sea, Western Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 1	2.8	44
35	Total Synthesis of (â~)-Dysithiazolamide. <i>Organic Letters</i> , 2008, 10, 2175-2178.	4.6	44
36	The size-abundance distribution and taxonomic composition of plankton in an oligotrophic, high mountain lake (La Caldera, Sierra Nevada, Spain). <i>Journal of Plankton Research</i> , 1990, 12, 415-422.	1.8	41

#	ARTICLE	IF	CITATIONS
37	3D modeling by means of videogrammetry and laser scanners for reverse engineering. Measurement: Journal of the International Measurement Confederation, 2016, 87, 216-227.	5.0	40
38	The Siderophore Piscibactin Is a Relevant Virulence Factor for <i>Vibrio anguillarum</i> Favored at Low Temperatures. Frontiers in Microbiology, 2018, 9, 1766.	3.5	40
39	Diel and Interannual Variation of Size Distribution of Oceanic Zooplanktonic Biomass. Ecology, 1986, 67, 215-222.	3.2	39
40	Variation among known kalihinol and new kalihinene diterpenes from the sponge <i>Acanthella cavernosa</i> . Tetrahedron, 1994, 50, 11079-11090.	1.9	39
41	Novel Cytotoxic Oxygenated C29 Sterols from the Colombian Marine Sponge <i>Polymastix tenax</i> . Journal of Natural Products, 2002, 65, 1161-1164.	3.0	39
42	Connecting Discrete Stereoclusters by Using DFT and NMR Spectroscopy: The Case of Nivariol. Chemistry - A European Journal, 2013, 19, 8525-8532.	3.3	39
43	Dolabelladienols A-C, New Diterpenes Isolated from Brazilian Brown Alga <i>Dictyota paffii</i> . Marine Drugs, 2014, 12, 4247-4259.	4.6	39
44	New <i>Xenia</i> Diterpenoids from the Indonesian Soft Coral <i>Xenia</i> sp.. Journal of Natural Products, 2002, 65, 766-768.	3.0	38
45	Two Catechol Siderophores, Acinetobactin and Amonabactin, Are Simultaneously Produced by <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> Sharing Part of the Biosynthetic Pathway. ACS Chemical Biology, 2015, 10, 2850-2860.	3.4	38
46	Sarasinosides D-G: four new triterpenoid saponins from the sponge <i>Asteropus sarasinus</i> . Tetrahedron, 1992, 48, 8685-8696.	1.9	37
47	An enyne metathesis approach to the synthesis of the 1,3-diene system of mycothiazole. Tetrahedron Letters, 2001, 42, 6699-6702.	1.4	36
48	Clionapyrrolidine A: A Metabolite from the Encrusting and Excavating Sponge <i>Cliona tenuis</i> that Kills Coral Tissue upon Contact. Journal of Chemical Ecology, 2008, 34, 1565-1574.	1.8	36
49	Synthesis and antibacterial activity of conjugates between norfloxacin and analogues of the siderophore vanchrobactin. Bioorganic and Medicinal Chemistry, 2013, 21, 295-302.	3.0	36
50	Highly diastereoselective indium-mediated synthesis of $\beta$ -lactam carbohydrates from imines. Tetrahedron, 2011, 67, 2617-2622.	1.9	33
51	Marine protected areas and fisheries restricted areas in the Mediterranean: assessing actual marine biodiversity protection coverage at multiple scales. Marine Policy, 2016, 64, 24-30.	3.2	33
52	Thinking Outside the "Blue Box": Induced Fit within a Unique Self-Assembled Polycationic Cyclophane. Journal of the American Chemical Society, 2019, 141, 3959-3964.	13.7	33
53	A New Secosterol from the Indonesian Octocoral <i>Pachyclavularia violacea</i> . Journal of Natural Products, 2002, 65, 1357-1359.	3.0	32
54	NMR J-based analysis of nitrogen-containing moieties and application to dysithiazolamide, a new polychlorinated dipeptide from <i>Dysidea</i> sp.. Tetrahedron, 2005, 61, 10093-10098.	1.9	32

#	ARTICLE	IF	CITATIONS
55	Sedimentation loss of phytoplankton cells from the mixed layer: effects of turbulence levels. <i>Journal of Plankton Research</i> , 1996, 18, 1727-1734.	1.8	31
56	Isolation and Synthesis of (S)-2-Imino-1-methylpyrrolidine-5- carboxylic Acid from <i>Clonotenuis</i> : Structure Revision of Pyrostatins. <i>Organic Letters</i> , 2006, 8, 4967-4970.	4.6	30
57	Absolute stereochemistry of antifouling cembranoid epimers at C-8 from the Caribbean octocoral <i>Pseudoplexaura flagellosa</i> . Revised structures of plexaurorones. <i>Tetrahedron</i> , 2011, 67, 9112-9121.	1.9	30
58	Development and testing of a new framework for rapidly assessing legal and managerial protection afforded by marine protected areas: Mediterranean Sea case study. <i>Journal of Environmental Management</i> , 2016, 167, 29-37.	7.8	30
59	New marine cytotoxic bispyrones. Absolute stereochemistry of onchitriols I and II. <i>Tetrahedron Letters</i> , 1992, 33, 1089-1092.	1.4	29
60	Seasonal variability of phytoplankton size structure in a hypertrophic lake. <i>Journal of Plankton Research</i> , 1994, 16, 317-335.	1.8	29
61	The Marine Natural Product, Halistanol Trisulfate, Inhibits pp60v-src Protein Tyrosine Kinase Activity. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 260-264.	2.1	29
62	Structure-based design, synthesis, and biological evaluation of withaferin A-analogues as potent apoptotic inducers. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 52-64.	5.5	29
63	Physiological and ecological scalings of body size in an oligotrophic, high mountain lake (La Caldera, Tj ETQq1 1 0.784314 rgBT /Ove	1.8	28
64	Role of ciliates, flagellates and bacteriophages on the mortality of marine bacteria and on dissolved-DNA concentration in laboratory experimental systems. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 244, 239-252.	1.5	28
65	Hypoglucaemic triterpenoid saponins from <i>Boussingaultiabaselloides</i> . <i>Canadian Journal of Chemistry</i> , 1990, 68, 2039-2044.	1.1	27
66	Implication of regionalization and connectivity analysis for marine spatial planning and coastal management in the Gulf of Cadiz and Alboran Sea. <i>Ocean and Coastal Management</i> , 2015, 118, 60-74.	4.4	27
67	Can Stereoclusters Separated by Two Methylene Groups Be Related by DFT Studies? The Case of the Cytotoxic Meroditerpenes Halioxepines. <i>Journal of Natural Products</i> , 2018, 81, 343-348.	3.0	27
68	AHL-lactonase expression in three marine emerging pathogenic <i>Vibrio</i> spp. reduces virulence and mortality in brine shrimp ( <i>Artemia salina</i> ) and Manila clam ( <i>Venerupis philippinarum</i> ). <i>PLoS ONE</i> , 2018, 13, e0195176.	2.5	27
69	Relations between chlorophyll, phytoplankton cell abundance and biovolume during a winter bloom in Mediterranean coastal waters. <i>Journal of Experimental Marine Biology and Ecology</i> , 1987, 105, 161-173.	1.5	26
70	The Analgesic Activity of <i>Hedyosmum bonplandianum</i> : Flavonoid Glycosides. <i>Planta Medica</i> , 1993, 59, 26-27.	1.3	25
71	Cyclobutenbriarein A, the First Diterpene with a Tricyclo[8.4.0.03,6]tetradec-4-ene Ring System Isolated from the Gorgonian <i>Briareumasbestinum</i> . <i>Journal of Organic Chemistry</i> , 2002, 67, 5117-5123.	3.2	25
72	Relative configuration of micrograms of natural compounds using proton residual chemical shift anisotropy. <i>Nature Communications</i> , 2020, 11, 4372.	12.8	25

#	ARTICLE	IF	CITATIONS
73	Zooplanktonic Communities of the Divergence Zone in the Northwestern Alboran Sea. <i>Marine Ecology</i> , 1982, 3, 133-142.	1.1	24
74	New Briarane Stecholid Diterpenes from the Indonesian Gorgonian <i>Briareum</i> sp. <i>Journal of Natural Products</i> , 1998, 61, 313-317.	3.0	24
75	Photodamage attenuation effect by a tetraprenyltoluquinol chromane meroterpenoid isolated from <i>Sargassum muticum</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 51-58.	3.8	24
76	Size dependence of coastal phytoplankton photosynthesis under vertical mixing conditions. <i>Journal of Plankton Research</i> , 2005, 27, 473-483.	1.8	23
77	Synthesis of a new cytotoxic cephalostatin/ritterazine analogue from hecogenin and 22-epi-hippuristanol. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 58-63.	3.0	22
78	Thelepamide: An Unprecedented Ketide-Amino Acid from <i>Thelepus crispus</i> , a Marine Annelid Worm. <i>Organic Letters</i> , 2014, 16, 464-467.	4.6	22
79	A Short Stereoselective Synthesis of Prepiscibactin Using a SmI <sub>2</sub> -Mediated Reformatsky Reaction and Zn <sup>2+</sup> -Induced Asymmetric Thiazolidine Formation. <i>Organic Letters</i> , 2014, 16, 5820-5823.	4.6	22
80	Cytotoxic Anomoian B and Aplyzanzine B, New Bromotyrosine Alkaloids from Indonesian Sponges. <i>ACS Omega</i> , 2017, 2, 3494-3501.	3.5	22
81	Secreted Citrate Serves as Iron Carrier for the Marine Pathogen <i>Photobacterium damsela</i> subsp. <i>damsela</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 361.	3.9	22
82	6E-Hydroximinosteroid homodimerization by cross-metathesis processes. <i>Steroids</i> , 2007, 72, 729-735.	1.8	21
83	Isolation and characterization of novel 2-hydroxy fatty acids from the phospholipids of the sponge <i>Smenospongia aurea</i> . <i>Lipids</i> , 1992, 27, 681-685.	1.7	20
84	Vanchrobactin: absolute configuration and total synthesis. <i>Tetrahedron Letters</i> , 2007, 48, 3021-3024.	1.4	20
85	<sup>13</sup> C-NMR Based Analysis and DFT <sup>2</sup> -NMR Assignments of Natural Complex Molecules: Application to 3 <sup>β</sup> ,7 <sup>β</sup> -Dihydroxy-5,6-epoxycholestanes. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3960-3969.	2.4	20
86	The size structure of plankton during a deep bloom in a stratified reservoir. <i>Hydrobiologia</i> , 1994, 284, 113-124.	2.0	19
87	Modeling the thickness of vaults in the church of santa maria de magdalena (Valencia, Spain) with laser scanning techniques. <i>Journal of Cultural Heritage</i> , 2014, 15, 679-686.	3.3	19
88	In Vitro and In Vivo Assessment of the Efficacy of Bromoageliferin, an Alkaloid Isolated from the Sponge <i>Agelas dilatata</i> , against <i>Pseudomonas aeruginosa</i> . <i>Marine Drugs</i> , 2020, 18, 326.	4.6	19
89	An approach to speed up the isolation of hydrophilic metabolites from natural sources at semipreparative level by using a hydrophilic <sup>2</sup> -lipophilic balance/mixed-mode strong cation exchange <sup>2</sup> -high-performance liquid chromatography/mass spectrometry system. <i>Journal of Chromatography A</i> , 2011, 1218, 1790-1794.	3.7	18
90	Two novel phospholipid fatty acids from the caribbean sponge <i>Geodia gibberosa</i> . <i>Lipids</i> , 1991, 26, 324-326.	1.7	17

#	ARTICLE	IF	CITATIONS
91	Vertical patterns of phytoplankton size distribution in the Cantabric and Balearic Seas. <i>Journal of Marine Systems</i> , 1996, 9, 269-282.	2.1	17
92	Polycyclic Amine Alkaloids (3-Alkylpiperidine Alkaloids) – Novel Marine Bioactive Compounds: Structure, Synthesis and Biochemical Aspects. <i>Studies in Natural Products Chemistry</i> , 2000, 24, 573-681.	1.8	17
93	New Cytotoxic Cembranes from the Sea Pen <i>Cyathophyllopsis</i> sp. <i>Journal of Natural Products</i> , 2004, 67, 1190-1192.	3.0	17
94	Two photogrammetric methods for measuring flat elements in buildings under construction. <i>Automation in Construction</i> , 2008, 17, 517-525.	9.8	17
95	Distinct patterns in the size-scaling of abundance and metabolism in coastal and open-ocean phytoplankton communities. <i>Marine Ecology - Progress Series</i> , 2014, 515, 61-71.	1.9	17
96	Cumulative pressures and low protection: a concerning blend for Mediterranean MPAs. <i>Marine Pollution Bulletin</i> , 2015, 101, 288-295.	5.0	17
97	Lanesoic Acid: A Cytotoxic Zwitterion from <i>Theonella</i> sp.. <i>Organic Letters</i> , 2016, 18, 5832-5835.	4.6	17
98	New cytotoxic cembranolides: isolation, biogenetic studies, and synthesis of analogues. <i>Tetrahedron</i> , 2006, 62, 11747-11754.	1.9	16
99	Anti-Inflammatory Effects of 5 $\beta$ ,8 $\beta$ -Epidioxysteroid-6-en-3 $\alpha$ -ol, a Steroidal Endoperoxide Isolated from <i>Aplysia depilans</i> , Based on Bioguided Fractionation and NMR Analysis. <i>Marine Drugs</i> , 2019, 17, 330.	4.6	16
100	Effects of Ultraviolet Radiation on Carbon Fixation in Antarctic Nanophytoflagellates. <i>Photochemistry and Photobiology</i> , 1997, 66, 185-189.	2.5	15
101	Flat elements on buildings using close-range photogrammetry and laser distance measurement. <i>Optics and Lasers in Engineering</i> , 2008, 46, 541-545.	3.8	15
102	Bistratamides M and N, Oxazole-Thiazole Containing Cyclic Hexapeptides Isolated from <i>Lissoclinum bistratum</i> Interaction of Zinc (II) with Bistratamide K. <i>Marine Drugs</i> , 2017, 15, 209.	4.6	15
103	The Fish Pathogen <i>Vibrio ordalii</i> Under Iron Deprivation Produces the Siderophore Piscibactin. <i>Microorganisms</i> , 2019, 7, 313.	3.6	15
104	Whole Genome Sequence of <i>Dermacoccus abyssi</i> MT1.1 Isolated from the Challenger Deep of the Mariana Trench Reveals Phenazine Biosynthesis Locus and Environmental Adaptation Factors. <i>Marine Drugs</i> , 2020, 18, 131.	4.6	15
105	Identification of $\alpha$ -Amylase and $\beta$ -Glucosidase Inhibitors and Ligularoside A, a New Triterpenoid Saponin from <i>Passiflora ligularis</i> (Sweet Granadilla) Leaves, by a Nuclear Magnetic Resonance-Based Metabolomic Study. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2919-2931.	5.2	15
106	A study of polychlorinated leucine derivatives: synthesis of (2S,4S)-5,5-dichloroleucine. <i>Tetrahedron Letters</i> , 2004, 45, 3241-3243.	1.4	14
107	Mycothiazole: Synthesis of the C <sub>8</sub> –C <sub>18</sub> Subunit and Further Evidence of the (Z)- $\beta$ -14 Double Bond Configuration. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 934-942.	2.4	14
108	Optimal modelling of buildings through simultaneous automatic simplifications of point clouds obtained with a laser scanner. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 93, 243-251.	5.0	14

#	ARTICLE	IF	CITATIONS
109	Pembamide, a N -methylated linear peptide from a sponge <i>Cribrachalina</i> sp.. <i>Tetrahedron Letters</i> , 2016, 57, 3239-3242.	1.4	14
110	Cereusitin A, a cyclic tetrapeptide from a <i>Bacillus cereus</i> strain isolated from the soft coral <i>Antillogorgia</i> (syn. <i>Pseudopterogorgia</i> ) <i>elisabethae</i> . <i>Tetrahedron Letters</i> , 2017, 58, 634-637.	1.4	14
111	New Dammarane Triterpenes from the Aerial Parts of <i>Ibicella lutea</i> Grown in Argentina. <i>Journal of Natural Products</i> , 2003, 66, 1586-1592.	3.0	13
112	Cytotoxic Furanoditerpenes from the Sponge <i>Spongia tubulifera</i> Collected in the Mexican Caribbean. <i>Marine Drugs</i> , 2019, 17, 416.	4.6	13
113	Outer membrane protein FrpA, the siderophore piscibactin receptor of <i>Photobacterium damsela</i> subsp. <i>piscicida</i> , as a subunit vaccine against photobacteriosis in sole ( <i>Solea senegalensis</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 94, 723-729.	3.6	13
114	In-Depth Analysis of the Role of the Acinetobactin Cluster in the Virulence of <i>Acinetobacter baumannii</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 752070.	3.5	13
115	Stereoselective synthesis of (â€“)4-epiaxinyssamine. <i>Tetrahedron</i> , 2007, 63, 1544-1552.	1.9	12
116	Synthesis and biological activity of analogues of vanchrobactin, a siderophore from <i>Vibrio anguillarum</i> serotype O2. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1278.	2.8	12
117	A mild oxidative method for the preparation of $\hat{1}^3$ -hydroxy- $\hat{1}\pm$ -nitroolefins from $\hat{1}\pm$ , $\hat{1}^2$ -epoxyketoximes using IBX. <i>Tetrahedron Letters</i> , 2009, 50, 7395-7398.	1.4	12
118	Phytoplankton biovolume is independent from the slope of the size spectrum in the oligotrophic Atlantic Ocean. <i>Journal of Marine Systems</i> , 2015, 152, 42-50.	2.1	12
119	Identification of the Ferric-Acinetobactin Outer Membrane Receptor in <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> and Structure-Activity Relationships of Synthetic Acinetobactin Analogues. <i>ACS Chemical Biology</i> , 2017, 12, 479-493.	3.4	12
120	Daedophamide, a Cytotoxic Cyclodepsipeptide from a <i>Daedalopelta</i> sp. Sponge Collected in Indonesia. <i>Journal of Natural Products</i> , 2017, 80, 3054-3059.	3.0	12
121	Control of microplankton size structure in contrasting water columns of the Celtic Sea. <i>Journal of Plankton Research</i> , 2006, 28, 449-457.	1.8	11
122	A combined single range and single image device for low-cost measurement of building facade features. <i>Photogrammetric Record</i> , 2008, 23, 228-240.	0.4	11
123	Insights into the virulence-related genes of <i>Edwardsiella tarda</i> isolated from turbot in Europe: genetic homogeneity and evidence for vibrioferrin production. <i>Journal of Fish Diseases</i> , 2016, 39, 565-576.	1.9	11
124	Marine protected area design patterns in the Mediterranean Sea: Implications for conservation. <i>Marine Pollution Bulletin</i> , 2016, 110, 335-342.	5.0	11
125	Protovenicins A and B, Cytotoxic Long-Chain Acylated Xenicanes from the Soft Coral <i>Protodendron repens</i> . <i>Journal of Natural Products</i> , 2017, 80, 713-719.	3.0	11
126	Comparative study of the fatty acid composition of sponges of the genus <i>Ircinia</i> . Identification of the new 23-methyl-5,9-tetracosadienoic acid. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 100, 489-492.	0.2	10



#	ARTICLE	IF	CITATIONS
127	Polychlorinated Leucine Derivatives: Synthesis of (2S,4R)-5,5-Dichloroleucine and Its J-Based Analysis. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3645-3651.	2.4	10
128	Mass spectrometry detection of minor new meridianins from the antarctic colonial ascidians <i>Aplidium falklandicum</i> and <i>Aplidium meridianum</i> . <i>Journal of Mass Spectrometry</i> , 2015, 50, 103-111.	1.6	10
129	Njaoamine I, a cytotoxic polycyclic alkaloid from the Haplosclerida sponge <i>Haliclona</i> ( <i>Reniera</i> ) sp.. <i>Tetrahedron Letters</i> , 2018, 59, 2577-2580.	1.4	10
130	Marine Natural Products from the Yucatan Peninsula. <i>Marine Drugs</i> , 2020, 18, 59.	4.6	10
131	Distribution and size biomass structure of nanophytoplankton in the Strait of Gibraltar. <i>Aquatic Microbial Ecology</i> , 2008, 52, 253-262.	1.8	10
132	Synthesis of Thelepamide via Catalyst-Controlled 1,4-Addition of Cysteine Derivatives and Structure Revision of Thelepamide. <i>Organic Letters</i> , 2018, 20, 594-597.	4.6	9
133	Preparation of functionalized magnetic nanoparticles conjugated with feroxamine and their evaluation for pathogen detection. <i>RSC Advances</i> , 2019, 9, 13533-13542.	3.6	9
134	Development of antibacterial steel surfaces through laser texturing. <i>APL Materials</i> , 2020, 8, .	5.1	9
135	Antiviral and Antiproliferative Potential of Marine Organisms From the Yucatan Peninsula, Mexico. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	9
136	Convergent Total Synthesis of the Siderophore Piscibactin as Its Ga <sup>3+</sup> Complex. <i>Organic Letters</i> , 2021, 23, 340-345.	4.6	9
137	Indium(III)-Catalyzed Stereoselective Synthesis of Tricyclic Frameworks by Cascade Cycloisomerization Reactions of Aryl 1,5-Enynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 9515-9529.	3.2	9
138	Enigmazole C: A Cytotoxic Macrocyclic Lactone and Its Ring-Opened Derivatives from a New Species of <i>Homophymia</i> Sponge. <i>Journal of Natural Products</i> , 2022, 85, 1059-1066.	3.0	9
139	Design and calibration of a 3D modeling system by videogrammetry. <i>Measurement Science and Technology</i> , 2013, 24, 035001.	2.6	8
140	The Outer Membrane Protein FstC of <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> Acts as Receptor for Amonabactin Siderophores and Displays a Wide Ligand Plasticity. Structure-Activity Relationships of Synthetic Amonabactin Analogues. <i>ACS Infectious Diseases</i> , 2019, 5, 1936-1951.	3.8	8
141	Marine Organisms from the Yucatan Peninsula (Mexico) as a Potential Natural Source of Antibacterial Compounds. <i>Marine Drugs</i> , 2020, 18, 369.	4.6	8
142	Absolute configuration by vibrational circular dichroism of anti-inflammatory macrolide briarane diterpenoids from the Gorgonian <i>Briareum asbestinum</i> . <i>Scientific Reports</i> , 2021, 11, 496.	3.3	8
143	<i>Vibrio neptunius</i> Produces Piscibactin and Amphibactin and Both Siderophores Contribute Significantly to Virulence for Clams. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 750567.	3.9	8
144	Mitrariosides, Five Bitter Labdane Glycosides from <i>Mitraria coccinea</i> (Gesneriaceae). <i>Liebigs Annalen Der Chemie</i> , 1992, 1992, 665-668.	0.8	7

#	ARTICLE	IF	CITATIONS
145	Three-dimensional image orientation through only one rotation applied to image processing in engineering. <i>Applied Optics</i> , 2008, 47, 6631.	2.1	7
146	Low-Temperature NMRJ-Based Configurational Analysis of Flexible Acyclic Systems. <i>Journal of Organic Chemistry</i> , 2010, 75, 7227-7232.	3.2	7
147	Combining JBCA and Marfey's methodology to determine the absolute configuration of threonines: the case of gunungamide A, a new cyclic depsipeptide containing chloropyrrole from the sponge <i>Discodermia</i> sp.. <i>Organic Chemistry Frontiers</i> , 2019, 6, 15-21.	4.5	7
148	Social Learning for Facilitating Dialogue and Understanding of the Ecosystem Services Approach: Lessons from a Cross-Border Experience in the Alboran Marine Basin. <i>Sustainability</i> , 2019, 11, 5239.	3.2	7
149	The marine bivalve molluscs pathogen <i>Vibrio neptunius</i> produces the siderophore amphibactin, which is widespread in molluscs microbiota. <i>Environmental Microbiology</i> , 2020, 22, 5467-5482.	3.8	7
150	Intermediate-size cell dominance in the phytoplankton community of an eutrophic, estuarine ecosystem (Guadalhorce River, Southern Spain). <i>Hydrobiologia</i> , 2020, 847, 2241-2254.	2.0	7
151	Cytotoxic and Antimicrobial Diterpenes Isolated from <i>Hyptis dilatata</i> . <i>Current Bioactive Compounds</i> , 2015, 11, 189-197.	0.5	6
152	Boussingoside D1, a new triterpenoid saponin from <i>Boussingaultia baselloides</i> . <i>Liebigs Annalen Der Chemie</i> , 1991, 1991, 291-293.	0.8	5
153	A Smoothing Algorithm for Contour Lines by Means of Triangulation. <i>Cartographic Journal</i> , 2009, 46, 262-267.	1.5	5
154	Surface mesoscale picoplankton patterns at the main fronts of the Alboran Sea. <i>Journal of Marine Systems</i> , 2015, 143, 7-23.	2.1	5
155	FrpA is the outer membrane piscibactin transporter in <i>Vibrio anguillarum</i> : structural elements in synthetic piscibactin analogues required for transport. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 133-142.	2.6	5
156	Antimicrobial Diterpene Alkaloids from an <i>Agelas citrina</i> Sponge Collected in the Yucatán Peninsula. <i>Marine Drugs</i> , 2022, 20, 298.	4.6	4
157	Connection of Isolated Stereoclusters by Combining <sup>13</sup> C-RCSA, RDC, and J-Based Configurational Analyses and Structural Revision of a Tetraprenyltoluquinol Chromane Meroterpenoid from <i>Sargassum muticum</i> . <i>Marine Drugs</i> , 2022, 20, 462.	4.6	4
158	Synthesis of Acetylhomogmatine. <i>Marine Drugs</i> , 2006, 4, 286-289.	4.6	3
159	Determining image distortion and PBS (point of best symmetry) in digital images using straight line matrices. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 91, 641-650.	5.0	3
160	Selective detection of <i>Aeromonas</i> spp. by a fluorescent probe based on the siderophore amonabactin. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111743.	3.5	3
161	Loss of pico- and nanoplankton cells during concentration by tangential flow filtration. <i>Journal of Plankton Research</i> , 1998, 20, 1087-1097.	1.8	2
162	Multiple calibration bench for focal length of cameras by means of laser distance meter. <i>Optical Engineering</i> , 2010, 49, 033603.	1.0	2

#	ARTICLE	IF	CITATIONS
163	Epipolar image rectification through geometric algorithms with unknown parameters. Journal of Electronic Imaging, 2013, 22, 043021.	0.9	2
164	Semi-automatic Process for Hybrid DTM Generalization based on Structural Elements Multi-analysis. Cartographic Journal, 2009, 46, 146-154.	1.5	1
165	Contemporary Strategies in Natural Products Structure Elucidation. , 2012, , 423-517.		1
166	Cultural Heritage Restoration of a Hemispherical Vault by 3D Modelling and Projection of Video Images with Unknown Parameters and from Unknown Locations. Applied Sciences (Switzerland), 2021, 11, 5323.	2.5	1
167	Corrigendum to "Exchange of planktonic biomass through the Strait of Gibraltar in late summer conditions": Deep-Sea Research Part II: Topical Studies in Oceanography, 2005, 52, 371-372.	1.4	0
168	Stereoscopic vision through epipolarization without orientation parameters. , 2011, , .		0
169	Structure-based design of new analogs of Withaferin A as antitumor agents. Planta Medica, 2010, 76, .	1.3	0
170	Synthesis of Functionalized Magnetic Nanoparticles, Their Conjugation with the Siderophore Feroxamine and its Evaluation for Bacteria Detection. Journal of Visualized Experiments, 2020, , .	0.3	0