

Carlos Jimenez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8439421/publications.pdf>

Version: 2024-02-01

135
papers

3,752
citations

117625

34
h-index

182427

51
g-index

156
all docs

156
docs citations

156
times ranked

3937
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenylethanoid glycosides in plants: structure and biological activity. <i>Natural Product Reports</i> , 1994, 11, 591-606.	10.3	203
2	Marine Natural Products in Medicinal Chemistry. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 959-961.	2.8	193
3	NMR methods for unravelling the spectra of complex mixtures. <i>Natural Product Reports</i> , 2011, 28, 78-98.	10.3	111
4	Novel marine sponge derived amino acids 13. Additional psammaplin derivatives from <i>Psammaplysilla purpurea</i> . <i>Tetrahedron</i> , 1991, 47, 2097-2102.	1.9	105
5	Novel sponge-derived amino acids. 12. Tryptophan-derived pigments and accompanying sesterterpenes from <i>Fascaplysinopsis reticulata</i> . <i>Journal of Organic Chemistry</i> , 1991, 56, 3403-3410.	3.2	98
6	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
7	Didemniserinolipids $\text{A}\hat{\text{C}}$, Unprecedented Serinolipids from the Tunicate <i>Didemnum</i> sp.. <i>Journal of Organic Chemistry</i> , 1999, 64, 5705-5707.	3.2	65
8	Novel Marine Sponge Amino Acids, 10. Xestoaminoh from <i>Xestaspongia</i> sp.. <i>Journal of Natural Products</i> , 1990, 53, 978-982.	3.0	64
9	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
10	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
11	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
12	Mauritamide A and accompanying oroidin alkaloids from the sponge <i>agelas mauritiana</i> . <i>Tetrahedron Letters</i> , 1994, 35, 1375-1378.	1.4	56
13	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
14	Absolute Structures of New Briarane Diterpenoids from <i>Junceella fragilis</i> . <i>Journal of Natural Products</i> , 1999, 62, 257-260.	3.0	52
15	Synthesis and evaluation of new 6-hydroximinosteroid analogs as cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4722-4740.	3.0	49
16	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
17	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
18	New cytotoxic steroids from the gorgonian <i>Isis hippuris</i> . Structure-activity studies. <i>Tetrahedron</i> , 2001, 57, 3487-3497.	1.9	47

#	ARTICLE	IF	CITATIONS
19	Isolation, Biological Significance, Synthesis, and Cytotoxic Evaluation of New Natural Parathiosteroids A ¹³ C and Analogues from the Soft Coral <i>Paragorgia</i> sp.. Journal of Organic Chemistry, 2008, 73, 7978-7984.	3.2	46
20	3-Nitroasteric Acid Derivatives from an Antarctic Sponge-Derived <i>Pseudogymnoascus</i> sp. Fungus. Journal of Natural Products, 2015, 78, 919-923.	3.0	45
21	Triterpene Glycosides from the Far-Eastern Sea Cucumber <i>Pentamera calcigera</i> . 1. Monosulfated Glycosides and Cytotoxicity of Their Unsulfated Derivatives. Journal of Natural Products, 2000, 63, 65-71.	3.0	44
22	Hemolytic Polar Steroidal Constituents of the Starfish <i>Aphelasterias japonica</i> . Journal of Natural Products, 2000, 63, 1178-1181.	3.0	44
23	Synthesis of Cytotoxic 6E-Hydroximino-4-ene Steroids: A Structure/Activity Studies. Journal of Medicinal Chemistry, 2001, 44, 2612-2618.	6.4	44
24	Total Synthesis of (±)-Dysithiazolamide. Organic Letters, 2008, 10, 2175-2178.	4.6	44
25	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
26	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
27	Dolabelladienols A ¹³ C, New Diterpenes Isolated from Brazilian Brown Alga <i>Dictyota paffii</i> . Marine Drugs, 2014, 12, 4247-4259.	4.6	39
28	Peruvioses A to F, sucrose esters from the exudate of <i>Physalis peruviana</i> fruit as α-amylase inhibitors. Carbohydrate Research, 2018, 461, 4-10.	2.3	39
29	The Occurrence of the Human Glycoconjugate C2-β-d-Mannosylpyranosyl-L-tryptophan in Marine Ascidians. Organic Letters, 2000, 2, 2765-2767.	4.6	38
30	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
31	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
32	Sarasinosides D-G: four new triterpenoid saponins from the sponge <i>Asteropus sarasinus</i> . Tetrahedron, 1992, 48, 8685-8696.	1.9	37
33	An enyne metathesis approach to the synthesis of the 1,3-diene system of mycothiazole. Tetrahedron Letters, 2001, 42, 6699-6702.	1.4	36
34	Clionapyrrolidine 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
35	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
36	Pharmacological Effects of Three Phenylpropanoid Glycosides from <i>Mussatia</i> . Planta Medica, 1990, 56, 24-26.	1.3	34

#	ARTICLE	IF	CITATIONS
37	Koreoside A, a New Nonholostane Triterpene Glycoside from the Sea Cucumber <i>Cucumaria koraiensis</i> . <i>Journal of Natural Products</i> , 1997, 60, 808-810.	3.0	34
38	Triterpene Glycosides from the Far Eastern Sea Cucumber <i>Cucumaria conicospermium</i> . <i>Journal of Natural Products</i> , 2003, 66, 910-916.	3.0	34
39	Highly diastereoselective indium-mediated synthesis of β -lactam carbohydrates from imines. <i>Tetrahedron</i> , 2011, 67, 2617-2622.	1.9	33
40	A New Secosterol from the Indonesian Octocoral <i>Pachyclavularia violacea</i> . <i>Journal of Natural Products</i> , 2002, 65, 1357-1359.	3.0	32
41	NMR J-based analysis of nitrogen-containing moieties and application to dysithiazolamide, a new polychlorinated dipeptide from <i>Dysidea</i> sp.. <i>Tetrahedron</i> , 2005, 61, 10093-10098.	1.9	32
42	Novel marine sponge alkaloids 3. β -carbolinium salts from <i>Fascaplysinopsis reticulata</i> . <i>Tetrahedron Letters</i> , 1991, 32, 1843-1846.	1.4	31
43	Isolation and Synthesis of (β)-(5S)-2-Imino-1-methylpyrrolidine-5- carboxylic Acid from <i>Clionatenuis</i> : Structure Revision of Pyrostatins. <i>Organic Letters</i> , 2006, 8, 4967-4970.	4.6	30
44	Absolute stereochemistry of antifouling cembranoid epimers at C-8 from the Caribbean octocoral <i>Pseudoplexaura flagellosa</i> . Revised structures of plexaurolones. <i>Tetrahedron</i> , 2011, 67, 9112-9121.	1.9	30
45	Triterpene Glycosides from the Far Eastern Sea Cucumber <i>Pentamera calcigerall</i> : Disulfated Glycosides. <i>Journal of Natural Products</i> , 2000, 63, 1349-1355.	3.0	29
46	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
47	Villagorgin A and B. New type of indole alkaloids with acetylcholine antagonist activity from the gorgonian <i>Villagorgia rubra</i> . <i>Tetrahedron Letters</i> , 1993, 34, 7773-7776.	1.4	27
48	Structure of Eximisoid A, a Novel Triterpene Glycoside from the Far-Eastern Sea Cucumber <i>Psoluseximius</i> . <i>Journal of Natural Products</i> , 1997, 60, 817-819.	3.0	27
49	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
50	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
51	Epidioxy Sterols from the Tunicates <i>Dendrodoa grossularia</i> and <i>Asciidiella aspersa</i> and the Gastropoda <i>Aplysia depilans</i> and <i>Aplysia punctata</i> . <i>Journal of Natural Products</i> , 1986, 49, 905-909.	3.0	26
52	Minalemines A-F: Sulfamic acid peptide guanidine derivatives isolated from the marine tunicate <i>Didemnum rodriguezii</i> . <i>Tetrahedron</i> , 1998, 54, 7539-7550.	1.9	26
53	Using spectroscopic and database strategies to unravel structures of polycyclic bioactive marine sponge sesterterpenes. <i>Tetrahedron</i> , 1991, 47, 3585-3600.	1.9	25
54	Agrochelin, a new cytotoxic alkaloid from the marine bacteria <i>Agrobacterium</i> sp.. <i>Tetrahedron Letters</i> , 1999, 40, 6841-6844.	1.4	25

#	ARTICLE	IF	CITATIONS
55	Cyclobutenbriarein A, the First Diterpene with a Tricyclo[8.4.0.03,6]tetradec-4-ene Ring System Isolated from the Gorgonian Briareumasbestinum. <i>Journal of Organic Chemistry</i> , 2002, 67, 5117-5123.	3.2	25
56	Relative configuration of micrograms of natural compounds using proton residual chemical shift anisotropy. <i>Nature Communications</i> , 2020, 11, 4372.	12.8	25
57	New Briarane Stecholid Diterpenes from the Indonesian Gorgonian Briareum sp. <i>Journal of Natural Products</i> , 1998, 61, 313-317.	3.0	24
58	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
59	Frondoside C, a new nonholostane triterpene glycoside from the sea cucumber <i>Cucumaria frondosa</i> : structure and cytotoxicity of its desulfated derivative. <i>Canadian Journal of Chemistry</i> , 1998, 76, 137-141.	1.1	23
60	Cytotoxic Triterpene Glycosides from Far-Eastern Sea Cucumbers Belonging to the Genus <i>Cucumaria</i> . <i>Liebigs Annalen</i> , 1997, 1997, 2351-2356.	0.8	22
61	Triterpene Glycosides from the Deep-Water North-Pacific Sea Cucumber <i>Synallactes nozawai</i> Mitsukuri. <i>Journal of Natural Products</i> , 2002, 65, 1802-1808.	3.0	22
62	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
63	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
64	A Short Stereoselective Synthesis of Prepiscibactin Using a SmI ₂ -Mediated Reformatsky Reaction and Zn ²⁺ -Induced Asymmetric Thiazolidine Formation. <i>Organic Letters</i> , 2014, 16, 5820-5823.	4.6	22
65	Cytotoxic Anomoian B and Aplyzanzine B, New Bromotyrosine Alkaloids from Indonesian Sponges. <i>ACS Omega</i> , 2017, 2, 3494-3501.	3.5	22
66	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
67	Lignans and Other Constituents from South and Central American <i>Zanthoxylum</i> Species. <i>Planta Medica</i> , 1990, 56, 89-91.	1.3	21
68	6E-Hydroximinosteroid homodimerization by cross-metathesis processes. <i>Steroids</i> , 2007, 72, 729-735.	1.8	21
69	Vanchrobactin: absolute configuration and total synthesis. <i>Tetrahedron Letters</i> , 2007, 48, 3021-3024.	1.4	20
70	13C-NMR Based Analysis and DFT-NMR Assignments of Natural Complex Molecules: Application to 3 β ,7 β -Dihydroxy-5 β -epoxycholestanes. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3960-3969.	2.4	20
71	Three phenylpropanoid glycosides from <i>Mussatia</i> . <i>Phytochemistry</i> , 1987, 26, 1805-1810.	2.9	19
72	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

#	ARTICLE	IF	CITATIONS
73	A chromone from <i>Zanthoxylum</i> species. <i>Phytochemistry</i> , 1989, 28, 1992-1993.	2.9	18
74	An approach to speed up the isolation of hydrophilic metabolites from natural sources at semipreparative level by using a hydrophilic-lipophilic balance/mixed-mode strong cation exchange-high-performance liquid chromatography/mass spectrometry system. <i>Journal of Chromatography A</i> , 2011, 1218, 1790-1794.	3.7	18
75	New Cytotoxic Cembranes from the Sea Pen <i>Cyrophyllumsibogae</i> . <i>Journal of Natural Products</i> , 2004, 67, 1190-1192.	3.0	17
76	Iron(III) complexation by Vanchrobactin, a siderophore of the bacterial fish pathogen <i>Vibrio anguillarum</i> . <i>Metallomics</i> , 2011, 3, 521.	2.4	17
77	Lanesoic Acid: A Cytotoxic Zwitterion from <i>Theonella</i> sp.. <i>Organic Letters</i> , 2016, 18, 5832-5835.	4.6	17
78	New cytotoxic cembranolid: isolation, biogenetic studies, and synthesis of analogues. <i>Tetrahedron</i> , 2006, 62, 11747-11754.	1.9	16
79	Anti-Inflammatory Effects of 5 β ,8 β -Epidioxcholest-6-en-3 β -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
80	The unusual presence of hydroxylated furanosesquiterpenes in the deep ocean tunicate <i>Ritterella rete</i> . Chemical interconversions and absolute stereochemistry. <i>Tetrahedron</i> , 1998, 54, 5385-5406.	1.9	15
81	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
82	The Fish Pathogen <i>Vibrio ordalii</i> Under Iron Deprivation Produces the Siderophore Piscibactin. <i>Microorganisms</i> , 2019, 7, 313.	3.6	15
83	Identification of α -Amylase and β -Glucosidase Inhibitors and Ligularoside A, a New Triterpenoid Saponin from <i>Passiflora ligularis</i> Juss (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
84	Triterpene glycosides from <i>Mussatia</i> species. <i>Phytochemistry</i> , 1989, 28, 2773-2776.	2.9	14
85	The Dietary Origin of Epidioxysteroids in <i>Actinia equina</i> . A Carbon-14 Incorporation Experiment. <i>Journal of Natural Products</i> , 1989, 52, 619-622.	3.0	14
86	A study of polychlorinated leucine derivatives: synthesis of (2S,4S)-5,5-dichloroleucine. <i>Tetrahedron Letters</i> , 2004, 45, 3241-3243.	1.4	14
87	Mycothiazole: Synthesis of the C δ -C δ Subunit and Further Evidence of the (Z)- β 14 Double Bond Configuration. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 934-942.	2.4	14
88	Pembamide, a N-methylated linear peptide from a sponge <i>Cribrachalina</i> sp.. <i>Tetrahedron Letters</i> , 2016, 57, 3239-3242.	1.4	14
89	Cereusitin A, a cyclic tetrapeptide from a <i>Bacillus cereus</i> strain isolated from the soft coral <i>Antilloporgia</i> (syn. <i>Pseudopterogorgia</i>) <i>elisabethae</i> . <i>Tetrahedron Letters</i> , 2017, 58, 634-637.	1.4	14
90	¹³ C-NMR Assignments and Cytotoxicity Assessment of Zoanthoxanthin Alkaloids from Zoanthid Corals. <i>Journal of Natural Products</i> , 1993, 56, 9-14.	3.0	13

#	ARTICLE	IF	CITATIONS
91	Isonitenin and Acetylhomogmatine new Metabolites from the Sponges <i>Spongia Officialis</i> and <i>Cliona celata</i> collected at the Galician Coast (NW Spain). <i>Natural Product Research</i> , 1996, 8, 15-23.	0.4	13
92	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
93	Cytotoxic Furanoditerpenes from the Sponge <i>Spongia tubulifera</i> Collected in the Mexican Caribbean. <i>Marine Drugs</i> , 2019, 17, 416.	4.6	13
94	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
95	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
96	Five phenylpropanoid glycosides from <i>Mussatia</i> . <i>Phytochemistry</i> , 1988, 27, 2947-2951.	2.9	12
97	Stereoselective synthesis of (4 α)-epi-xinyssamine. <i>Tetrahedron</i> , 2007, 63, 1544-1552.	1.9	12
98	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
99	Bicarbonate gradients modulate growth and colony morphology in <i>Aspergillus nidulans</i> . <i>FEMS Microbiology Letters</i> , 2009, 300, 216-221.	1.8	12
100	A mild oxidative method for the preparation of 1 β -hydroxy-1 β -nitroolefins from 1 β ,1 β -epoxyketoximes using IBX. <i>Tetrahedron Letters</i> , 2009, 50, 7395-7398.	1.4	12
101	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
102	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
103	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
104	Protoxenicins 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
105	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
106	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
107	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
108	Marine Natural Products from the Yucatan Peninsula. <i>Marine Drugs</i> , 2020, 18, 59.	4.6	10

#	ARTICLE	IF	CITATIONS
109	Marine sulfur-containing natural products. <i>Studies in Natural Products Chemistry</i> , 2001, , 811-917.	1.8	9
110	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
111	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
112	Antiviral and Antiproliferative Potential of Marine Organisms From the Yucatan Peninsula, Mexico. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	9
113	Convergent Total Synthesis of the Siderophore Piscibactin as Its Ga ³⁺ Complex. <i>Organic Letters</i> , 2021, 23, 340-345.	4.6	9
114	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
115	Phenylpropanoid Glycosides from <i>Mussatia hyacinthina</i> . <i>Journal of Natural Products</i> , 1989, 52, 408-410.	3.0	8
116	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
117	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
118	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
119	<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
120	Boussingoside E, a New Triterpenoid Saponin from the Tubers of <i>Boussingaultia baselloides</i> . <i>Journal of Natural Products</i> , 1997, 60, 17-19.	3.0	7
121	Anti-aggregant effects on human platelets of the crude aqueous extract and polar fractions of the microalga <i>Dunaliella tertiolecta</i> . <i>Phytotherapy Research</i> , 1997, 11, 70-72.	5.8	7
122	Low-Temperature NMRJ-Based Configurational Analysis of Flexible Acyclic Systems. <i>Journal of Organic Chemistry</i> , 2010, 75, 7227-7232.	3.2	7
123	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
124	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
125	Cytotoxic and Antimicrobial Diterpenes Isolated from <i>Hyptis dilatata</i> . <i>Current Bioactive Compounds</i> , 2015, 11, 189-197.	0.5	6
126	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

#	ARTICLE	IF	CITATIONS
127	Synthesis of a new hapten for generating catalytic antibodies that activate doxorubicin prodrugs. <i>Tetrahedron Letters</i> , 2001, 42, 7819-7822.	1.4	4
128	Dermacozine N, the First Natural Linear Pentacyclic Oxazinophenazine with UV-Vis Absorption Maxima in the Near Infrared Region, along with Dermacozines O and P Isolated from the Mariana Trench Sediment Strain <i>Dermacoccus abyssi</i> MT 1.1T. <i>Marine Drugs</i> , 2021, 19, 325.	4.6	4
129	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
130	Connection of Isolated Stereoclusters by Combining ¹³ 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
131	Synthesis of Acetylhomoadamantane. <i>Marine Drugs</i> , 2006, 4, 286-289.	4.6	3
132	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
133	Siderophores from Fish Pathogenic Bacteria. <i>Topics in Heterocyclic Chemistry</i> , 2021, , 175-207.	0.2	1
134	Tuberosides A, B, and C, Novel Triterpenoid Saponins from the Hypoglycaemic Fraction of <i>Ullucus tuberosus</i> . <i>Liebigs Annalen</i> , 2006, 1996, 781-784.	0.8	0
135	Synthesis of Functionalized Magnetic Nanoparticles, Their Conjugation with the Siderophore Feroxamine and its Evaluation for Bacteria Detection. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	0