

Vassilios Roussis

List of Publications by Year in descending order

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207
papers

6,090
citations

57758

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222
docs citations

222
times ranked

6318
citing authors

#	ARTICLE	IF	CITATIONS
1	New anti-inflammatory pseudopterosins from the marine octocoral <i>Pseudopteroorgia elisabethae</i> . <i>Journal of Organic Chemistry</i> , 1990, 55, 4916-4922.	3.2	147
2	Ulvan, a bioactive marine sulphated polysaccharide as a key constituent of hybrid biomaterials: A review. <i>Carbohydrate Polymers</i> , 2019, 218, 355-370.	10.2	146
3	Natural Products with Anti-HIV Activity from Marine Organisms. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 1512-1535.	2.1	130
4	Nanofibers based on polysaccharides from the green seaweed <i>Ulva Rigida</i> . <i>Carbohydrate Polymers</i> , 2011, 84, 1093-1102.	10.2	115
5	Carnosic acid biosynthesis elucidated by a synthetic biology platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3681-3686.	7.1	115
6	Volatile halogenated metabolites from marine red algae. <i>Phytochemistry Reviews</i> , 2004, 3, 337-366.	6.5	111
7	Efficient diterpene production in yeast by engineering Erg20p into a geranylgeranyl diphosphate synthase. <i>Metabolic Engineering</i> , 2015, 27, 65-75.	7.0	101
8	Volatile constituents of needles of five <i>Pinus</i> species grown in Greece. <i>Phytochemistry</i> , 1995, 39, 357-361.	2.9	95
9	Inhibitory Effects of Mediterranean Sponge Extracts and Metabolites on Larval Settlement of the Barnacle <i>Balanus amphitrite</i> . <i>Marine Biotechnology</i> , 2005, 7, 297-305.	2.4	92
10	New cytotoxic sesquiterpenes from the red algae <i>Laurencia obtusa</i> and <i>Laurencia microcladia</i> . <i>Tetrahedron</i> , 2006, 62, 182-189.	1.9	84
11	Volatile constituents of four <i>Helichrysum</i> species growing in Greece. <i>Biochemical Systematics and Ecology</i> , 2000, 28, 163-175.	1.3	80
12	Collagen from the Marine Sponges <i>Axinella cannabina</i> and <i>Suberites carnosus</i> : Isolation and Morphological, Biochemical, and Biophysical Characterization. <i>Marine Drugs</i> , 2017, 15, 152.	4.6	78
13	Ulvan and ulvan/chitosan polyelectrolyte nanofibrous membranes as a potential substrate material for the cultivation of osteoblasts. <i>Carbohydrate Polymers</i> , 2012, 89, 997-1002.	10.2	77
14	The genus <i>Pinus</i> : a comparative study on the needle essential oil composition of 46 pine species. <i>Phytochemistry Reviews</i> , 2014, 13, 741-768.	6.5	76
15	5 β ,8 β -Epidioxysterols from the gorgonian <i>Eunicella cavolini</i> and the ascidian <i>Trididemnum inarmatum</i> : Isolation and evaluation of their antiproliferative activity. <i>Steroids</i> , 2009, 74, 73-80.	1.8	74
16	Cytotoxic lupane-type triterpenoids from <i>Acacia mellifera</i> . <i>Phytochemistry</i> , 2004, 65, 1159-1164.	2.9	73
17	Factors promoting marine invasions: A chemoecological approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4582-4586.	7.1	73
18	Anti-microfouling Activity of Lipidic Metabolites from the Invasive Brown Alga <i>Sargassum muticum</i> (Yendo) Fensholt. <i>Marine Biotechnology</i> , 2010, 12, 52-61.	2.4	70

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19	Cultivated microalgae and the carotenoid fucoxanthin from <i>Odontella aurita</i> as potent anti-proliferative agents in bronchopulmonary and epithelial cell lines. <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 97-103.	4.0	67
20	Reconstructing the chemical diversity of labdane-type diterpene biosynthesis in yeast. <i>Metabolic Engineering</i> , 2015, 28, 91-103.	7.0	66
21	Chemical and Biological Studies on Two <i>Helichrysum</i> Species of Greek Origin. <i>Planta Medica</i> , 1996, 62, 377-379.	1.3	64
22	Needle volatiles from five <i>Pinus</i> species growing in Greece. <i>Flavour and Fragrance Journal</i> , 2001, 16, 249-252.	2.6	61
23	Evaluation of the Activity of the Sponge Metabolites Avarol and Avarone and their Synthetic Derivatives Against Fouling Micro- and Macroorganisms. <i>Molecules</i> , 2007, 12, 1022-1034.	3.8	60
24	New sesquiterpenes from the red alga <i>Laurencia microcladia</i> . <i>Tetrahedron</i> , 2007, 63, 7606-7611.	1.9	59
25	Electrospun biocomposite nanofibers of ulvan/PCL and ulvan/PEO. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	59
26	Novel Cytotoxic Brominated Diterpenes from the Red Alga <i>Laurencia obtusa</i> . <i>Journal of Organic Chemistry</i> , 2003, 68, 7667-7674.	3.2	58
27	3-Keto steroids from the marine organisms <i>Dendrophyllia cornigera</i> and <i>Cymodocea nodosa</i> . <i>Steroids</i> , 2006, 71, 177-181.	1.8	58
28	Radical-scavenging activity of Aegean Sea marine algae. <i>Food Chemistry</i> , 2007, 102, 577-581.	8.2	58
29	C15 Acetogenins from the red alga <i>Laurencia obtusa</i> . <i>Phytochemistry</i> , 2002, 59, 111-116.	2.9	57
30	Chemical Composition and Biological Activity of <i>Nepeta parnassica</i> Oils and Isolated Nepetalactones. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 681-686.	1.4	57
31	In Vivo and in Vitro Anti-Inflammatory Activity of Neorogioltriol, a New Diterpene Extracted from the Red Alga <i>Laurencia glandulifera</i> . <i>Marine Drugs</i> , 2011, 9, 1293-1306.	4.6	56
32	A method for detecting the biosystematic significance of the essential oil composition: The case of five Hellenic <i>Hypericum L.</i> species. <i>Biochemical Systematics and Ecology</i> , 2005, 33, 873-898.	1.3	55
33	New metabolites with antibacterial activity from the marine angiosperm <i>Cymodocea nodosa</i> . <i>Tetrahedron</i> , 2008, 64, 1696-1702.	1.9	55
34	Diterpenes from the brown algae <i>Dictyota dichotoma</i> and <i>Dictyota linearis</i> . <i>Phytochemistry</i> , 2004, 65, 2025-2030.	2.9	54
35	Cytotoxic Halogenated Metabolites from the Brazilian Red Alga <i>Laurencia catarinensis</i> . <i>Journal of Natural Products</i> , 2010, 73, 27-32.	3.0	52
36	Chemical Defense and Antifouling Activity of Three Mediterranean Sponges of the Genus <i>Ircinia</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 161-171.	1.4	50

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37	Antimicrobial activity of <i>Acacia mellifera</i> extracts and lupane triterpenes. <i>Journal of Ethnopharmacology</i> , 2009, 123, 143-148.	4.1	50
38	Role of lupeol synthase in <i>Lotus japonicus</i> nodule formation. <i>New Phytologist</i> , 2011, 189, 335-346.	7.3	50
39	Sensing marine biomolecules: smell, taste, and the evolutionary transition from aquatic to terrestrial life. <i>Frontiers in Chemistry</i> , 2014, 2, 92.	3.6	50
40	The Laurencia Paradox: An Endless Source of Chemodiversity. <i>Progress in the Chemistry of Organic Natural Products</i> , 2016, 102, 91-252.	1.1	50
41	New prenylated phenolics from <i>Piper auritum</i> . <i>Phytochemistry</i> , 1987, 26, 2367-2370.	2.9	49
42	Antioxidant potential of six pine species. <i>Phytotherapy Research</i> , 2006, 20, 263-266.	5.8	46
43	Terpenes from the Red Alga <i>Sphaerococcus coronopifolius</i> Inhibit the Settlement of Barnacles. <i>Marine Biotechnology</i> , 2011, 13, 764-772.	2.4	46
44	Acetylene Sesquiterpenoid Esters from the Green Alga <i>Caulerpa prolifera</i> . <i>Journal of Natural Products</i> , 2003, 66, 21-24.	3.0	45
45	Flavanones from <i>Lonchocarpus minimiflorus</i> . <i>Phytochemistry</i> , 1987, 26, 2371-2375.	2.9	44
46	Dolabellanes with Antibacterial Activity from the Brown Alga <i>Dilophus spiralis</i> . <i>Journal of Natural Products</i> , 2011, 74, 213-222.	3.0	44
47	Marine sulfated polysaccharides as versatile polyelectrolytes for the development of drug delivery nanoplatforms: Complexation of ulvan with lysozyme. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 69-75.	7.5	44
48	Combined metabolome and transcriptome profiling provides new insights into diterpene biosynthesis in <i>S. pomifera</i> glandular trichomes. <i>BMC Genomics</i> , 2015, 16, 935.	2.8	43
49	The effect of terpenoid extracts from 15 pine species on the feeding behavioural sequence of the late instars of the pine processionary caterpillar <i>Thaumetopoea pityocampa</i> . <i>Behavioural Processes</i> , 2005, 69, 303-322.	1.1	41
50	First chemical study of anaspidean Syphonota <i>geographica</i> : structure of degraded sterols aplykurodinone-1 and -2. <i>Tetrahedron</i> , 2005, 61, 617-621.	1.9	40
51	Structure and in vitro antitumor activity evaluation of brominated diterpenes from the red alga <i>Sphaerococcus coronopifolius</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1321-1330.	3.0	40
52	Chemical and Antibacterial Studies of two <i>Helichrysum</i> Species of Greek Origin. <i>Planta Medica</i> , 1997, 63, 181-183.	1.3	39
53	Halogenated sesquiterpenes from the red alga <i>Laurencia obtusa</i> . <i>Tetrahedron</i> , 2002, 58, 6749-6755.	1.9	37
54	Î ² -Orcinol Metabolites from the Lichen <i>Hypotrachyna revoluta</i> . <i>Molecules</i> , 2007, 12, 997-1005.	3.8	36

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55	Mertensene, a Halogenated Monoterpene, Induces G2/M Cell Cycle Arrest and Caspase Dependent Apoptosis of Human Colon Adenocarcinoma HT29 Cell Line through the Modulation of ERK-1/-2, AKT and NF- κ B Signaling. <i>Marine Drugs</i> , 2017, 15, 221.	4.6	36
56	Chemical Composition and Antibacterial Properties of <i>Thymus longicaulis</i> subsp. <i>chaoubardii</i> Oils: Three Chemotypes in the Same Population. <i>Journal of Essential Oil Research</i> , 1998, 10, 97-99.	2.7	35
57	Cytotoxic cuparene sesquiterpenes from <i>Laurencia microcladia</i> . <i>Tetrahedron Letters</i> , 2005, 46, 5723-5726.	1.4	35
58	Valorization of Marine Waste: Use of Industrial By-Products and Beach Wrack Towards the Production of High Added-Value Products. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	35
59	Composition and Antibacterial Activity of the Essential Oils of <i>Helichrysum rupestre</i> and <i>H. ambiguum</i> Growing in the Balearic Islands (Part III). <i>Planta Medica</i> , 1998, 64, 675-676.	1.3	33
60	Atomarianones A and B: two cytotoxic meroditerpenes from the brown alga <i>Taonia atomaria</i> . <i>Tetrahedron Letters</i> , 2005, 46, 8525-8529.	1.4	33
61	C15 acetogenins with antistaphylococcal activity from the red alga <i>Laurencia glandulifera</i> . <i>Phytochemistry Letters</i> , 2008, 1, 31-36.	1.2	33
62	Fabrication and Characterization of Electrospun Nanofibers for the Modified Release of the Chronobiotic Hormone Melatonin. <i>Current Drug Delivery</i> , 2018, 16, 79-85.	1.6	33
63	Cymodienol and cymodiene: new cytotoxic diarylheptanoids from the sea grass <i>Cymodocea nodosa</i> . <i>Tetrahedron Letters</i> , 2005, 46, 2845-2847.	1.4	32
64	Modified In Vitro Release of Melatonin Loaded in Nanofibrous Electrospun Mats Incorporated Into Monolayered and Three-Layered Tablets. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 970-976.	3.3	32
65	Secondary metabolites of the chemically rich ascoglossan <i>Cyerce nigricans</i> . <i>Experientia</i> , 1990, 46, 327-329.	1.2	31
66	Labiatamidines A, B, and other eunicellan diterpenoids from the Senegalese gorgonian <i>Eunicella labiata</i> . <i>Tetrahedron</i> , 1996, 52, 2735-2742.	1.9	31
67	Structure and Absolute Stereochemistry of Syphonoside, a Unique Macrocyclic Glycoterpene from Marine Organisms. <i>Journal of Organic Chemistry</i> , 2007, 72, 5625-5630.	3.2	31
68	Natural Products from Seaweeds. , 2009, , 51-81.		31
69	Structure and Antibacterial Activity of Brominated Diterpenes from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>Chemistry and Biodiversity</i> , 2010, 7, 186-195.	2.1	31
70	Hybrid Sponge-Like Scaffolds Based on Ulvan and Gelatin: Design, Characterization and Evaluation of Their Potential Use in Bone Tissue Engineering. <i>Materials</i> , 2020, 13, 1763.	2.9	31
71	New Sesterterpene Metabolites from the Mediterranean Sponge <i>Cacospongia scalaris</i> . <i>Journal of Natural Products</i> , 2003, 66, 444-446.	3.0	30
72	Cytotoxic bromoditerpenes from the red alga <i>Sphaerococcus coronopifolius</i> . <i>Tetrahedron</i> , 2008, 64, 5184-5190.	1.9	30

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73	Brominated Diterpenes with Antibacterial Activity from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>Journal of Natural Products</i> , 2008, 71, 1386-1392.	3.0	30
74	Pharmacophore Modeling for Qualitative Prediction of Antiestrogenic Activity. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 2489-2497.	5.4	30
75	Chemical Composition of the Essential Oils and Headspace Samples of Two <i>Helichrysum</i> Species Occurring in Spain. <i>Journal of Essential Oil Research</i> , 1999, 11, 511-516.	2.7	29
76	Volatile Needle Terpenoids of Six <i>Pinus</i> Species. <i>Journal of Essential Oil Research</i> , 2001, 13, 174-178.	2.7	29
77	Marine Polyprenylated Hydroquinones, Quinones, and Chromenols with Inhibitory Effects on Leukotriene Formation. <i>Chemistry and Biodiversity</i> , 2005, 2, 901-909.	2.1	29
78	Electrospun Micro/Nanofibers as Controlled Release Systems for Pheromones of <i>Bactrocera oleae</i> and <i>Prays oleae</i> . <i>Journal of Chemical Ecology</i> , 2017, 43, 254-262.	1.8	29
79	Piperidinyl Amides with Insecticidal Activity from the Maritime Plant <i>Otanthus maritimus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1435-1439.	5.2	28
80	Tetrahydrofuran Acetogenins from <i>Laurencia glandulifera</i> . <i>Journal of Natural Products</i> , 2009, 72, 190-193.	3.0	28
81	3D-QSAR using pharmacophore-based alignment and virtual screening for discovery of novel MCF-7 cell line inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 344-351.	5.5	28
82	Metabolites with Antioxidant Activity from Marine Macroalgae. <i>Antioxidants</i> , 2021, 10, 1431.	5.1	28
83	Antioxidant Potential of Natural and Synthesised Polyprenylated Hydroquinones. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 935-939.	3.0	27
84	Further syphonosides from the sea hare <i>Syphonota geographica</i> and the sea-grass <i>Halophila stipulacea</i> . <i>Tetrahedron</i> , 2008, 64, 191-196.	1.9	27
85	Development and Characterization of Eudragit [®] -Based Electrospun Nanofibrous Mats and Their Formulation into Nanofiber Tablets for the Modified Release of Furosemide. <i>Pharmaceutics</i> , 2019, 11, 480.	4.5	27
86	Modified in vitro release of the chronobiotic hormone melatonin from matrix tablets based on the marine sulfated polysaccharide ulvan. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 41-48.	3.0	26
87	Prevezols A and B: new brominated diterpenes from the red alga <i>Laurencia obtusa</i> . <i>Tetrahedron Letters</i> , 2001, 42, 3749-3752.	1.4	25
88	Lupane Triterpenoids from <i>Acacia mellifera</i> with Cytotoxic Activity. <i>Molecules</i> , 2007, 12, 1035-1044.	3.8	25
89	Neorogioltriol: A brominated diterpene with analgesic activity from <i>Laurencia glandulifera</i> . <i>Phytochemistry Letters</i> , 2009, 2, 25-28.	1.2	25
90	Algae metabolites: from in vitro growth inhibitory effects to promising anticancer activity. <i>Natural Product Reports</i> , 2019, 36, 810-841.	10.3	25

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91	A prenylated benzoic acid derivative from the leaves of <i>Piper taboganum</i> . <i>Phytochemistry</i> , 1990, 29, 1787-1788.	2.9	24
92	Composition and Antibacterial Activity of the Essential Oils of Two <i>Helichrysum stoechas</i> Varieties Growing in the Island of Crete. <i>Journal of Essential Oil Research</i> , 2002, 14, 459-461.	2.7	24
93	An integrated approach using UHPLC-MS/MS and 2D HSQC NMR for the metabolic profiling of the red alga <i>Laurencia</i> : Dereplication and tracing of natural products. <i>Phytochemistry</i> , 2014, 108, 208-219.	2.9	24
94	Brasilane-Type Sesquiterpenoids from <i>Laurencia obtusa</i> . <i>Organic Letters</i> , 2002, 4, 3263-3266.	4.6	23
95	Crude peroxidase from onion solid waste as a tool for organic synthesis. Part II: oxidative dimerization-cyclization of methyl <i>p</i> -coumarate, methyl caffeate and methyl ferulate. <i>Tetrahedron Letters</i> , 2011, 52, 1165-1168.	1.4	23
96	Evaluation of Antioxidant and Acetylcholinesterase Activity and Identification of Polyphenolics of the Invasive Weed <i>Dictyococcoides viscosa</i> . <i>Phytochemical Analysis</i> , 2014, 25, 421-428.	2.4	23
97	The intramolecular Wadsworth-Emmons condensation of γ -(acyloxy)- β -ketophosphonates. A new route to 3(2H)-furanones. <i>Journal of Organic Chemistry</i> , 1986, 51, 2525-2529.	3.2	22
98	Neurogoltriol and Related Diterpenes from the Red Alga <i>Laurencia</i> Inhibit Inflammatory Bowel Disease in Mice by Suppressing M1 and Promoting M2-Like Macrophage Responses. <i>Marine Drugs</i> , 2019, 17, 97.	4.6	22
99	Marine Biopolymers as Bioactive Functional Ingredients of Electrospun Nanofibrous Scaffolds for Biomedical Applications. <i>Marine Drugs</i> , 2022, 20, 314.	4.6	22
100	Synthesis of phosphonates from α -hydroxy carbonyl compounds and dialkyl phosphorochloridites. <i>Journal of Organic Chemistry</i> , 1989, 54, 627-631.	3.2	21
101	Chemical Intra-Mediterranean Variation and Insecticidal Activity of <i>Crithmum maritimum</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 211-215.	1.4	21
102	Bioactive Steroids from the Red Sea Soft Coral <i>Sinularia polydactyla</i> . <i>Marine Drugs</i> , 2020, 18, 632.	4.6	21
103	Pregnanes with antiproliferative activity from the gorgonian <i>Eunicella cavolini</i> . <i>Tetrahedron</i> , 2008, 64, 11797-11801.	1.9	20
104	Ioniols I and II, Tetracyclic Diterpenes with Antibacterial Activity, from <i>Sphaerococcus coronopifolius</i> . <i>Chemistry and Biodiversity</i> , 2010, 7, 666-676.	2.1	20
105	Evaluation of Antioxidant Activity and Identification of Major Polyphenolics of the Invasive Weed <i>Oxalis pes-caprae</i> . <i>Phytochemical Analysis</i> , 2012, 23, 642-646.	2.4	20
106	Perezoperezone and curcuperezone: bisabolane dimers from the soft coral <i>Pseudopterogorgia rigida</i> . <i>Tetrahedron Letters</i> , 2013, 54, 6920-6922.	1.4	20
107	Disulfides with Anti-inflammatory Activity from the Brown Alga <i>Dictyopteris membranacea</i> . <i>Journal of Natural Products</i> , 2016, 79, 584-589.	3.0	20
108	Antibacterial and Cytotoxic Natural and Synthesized Hydroquinones from Sponge <i>Ircinia spinosula</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999, 54, 417-423.	1.4	19

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109	Volatile Constituents of Three <i>Pinus</i> Species Grown in Greece. <i>Journal of Essential Oil Research</i> , 2001, 13, 118-121.	2.7	19
110	Metabolites from the Sea Hare <i>Aplysia fasciata</i> . <i>Journal of Natural Products</i> , 2009, 72, 1716-1719.	3.0	19
111	New Chlorinated 2,5-Diketopiperazines from Marine-Derived Bacteria Isolated from Sediments of the Eastern Mediterranean Sea. <i>Molecules</i> , 2020, 25, 1509.	3.8	19
112	The Marine Polysaccharide Ulvan Confers Potent Osteoinductive Capacity to PCL-Based Scaffolds for Bone Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3086.	4.1	19
113	Antioxidant Potential of Pine Needles: A Systematic Study on the Essential Oils and Extracts of 46 Species of the Genus <i>Pinus</i> . <i>Foods</i> , 2021, 10, 142.	4.3	19
114	A Comparative Study on the Needle Volatile Constituents of Three <i>Abies</i> Species Grown in South Balkans. <i>Journal of Essential Oil Research</i> , 2000, 12, 41-46.	2.7	18
115	Dolastanes from the brown alga <i>Dilophus spiralis</i> : absolute stereochemistry and evaluation of cytotoxicity. <i>Tetrahedron</i> , 2008, 64, 3975-3979.	1.9	18
116	9,11-Secosterols with antiproliferative activity from the gorgonian <i>Eunicella cavolini</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4537-4541.	3.0	18
117	<i>Origanum</i> species native to the island of Crete: <i>in vitro</i> antioxidant characteristics and liquid chromatography-mass spectrometry identification of major polyphenolic components. <i>Natural Product Research</i> , 2014, 28, 1284-1287.	1.8	18
118	Production of the forskolin precursor 11 β -hydroxy-manoyl oxide in yeast using surrogate enzymatic activities. <i>Microbial Cell Factories</i> , 2016, 15, 46.	4.0	18
119	Desmettianosides A and B, bisdesmosidic furostanol saponins with molluscicidal activity from <i>Yucca desmettiana</i> . <i>Steroids</i> , 2012, 77, 686-690.	1.8	17
120	Zoamides A-D: New marine zoanthoxanthin class alkaloids from an encrusting Philippine Parazoanthus sp.. <i>Tetrahedron Letters</i> , 1997, 38, 717-720.	1.4	16
121	Foliar and Cortex Oleoresin Variability of Silver Fir (<i>Abies alba</i> Mill.) in Albania. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 531-539.	1.4	16
122	New Brominated Labdane Diterpenes from the Red Alga <i>Laurencia obtusa</i> . <i>Journal of Natural Products</i> , 2003, 66, 1225-1228.	3.0	16
123	Thysiferol inhibits mitochondrial respiration and HIF-1 activation. <i>Phytochemistry Letters</i> , 2011, 4, 75-78.	1.2	16
124	Sesquiterpenes with inhibitory activity against CDC25 phosphatases from the soft coral <i>Pseudopterogorgia rigida</i> . <i>Tetrahedron</i> , 2016, 72, 3262-3269.	1.9	16
125	2,6-Cyclo-xenicanes from the brown algae <i>Dilophus fasciola</i> and <i>Dilophus spiralis</i> . <i>Tetrahedron</i> , 2009, 65, 10565-10572.	1.9	15
126	In Vivo Evaluation of the Anti-Inflammatory Activity of Electrospun Micro/Nanofibrous Patches Loaded with <i>Pinus halepensis</i> Bark Extract on Hairless Mice Skin. <i>Materials</i> , 2019, 12, 2596.	2.9	15

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127	Catalytic transformation of the marine polysaccharide ulvan into rare sugars, tartaric and succinic acids. <i>Catalysis Today</i> , 2022, 383, 345-357.	4.4	15
128	Secondary metabolite chemistry of the Australian brown alga <i>Encyothalia cliftonii</i> : Evidence for herbivore chemical defence. <i>Phytochemistry</i> , 1993, 34, 107-111.	2.9	14
129	Chemical Constituents of the Essential Oil of <i>Achillea ligustica</i> All. from Greece. <i>Journal of Essential Oil Research</i> , 1995, 7, 549-550.	2.7	14
130	Essential Oil Analysis of <i>Teucrium divaricatum</i> Heldr. ssp. <i>divaricatum</i> Growing in Greece. <i>Flavour and Fragrance Journal</i> , 1997, 12, 113-115.	2.6	14
131	Chemical Composition and Intra Mediterranean Variation of the <i>Thalassia crithmoides</i> L. Oil. <i>Journal of Essential Oil Research</i> , 1999, 11, 199-202.	2.7	14
132	Metallothionein Levels in the Bivalves <i>Callista chione</i> and <i>Venus verrucosa</i> from Two Mediterranean Sites. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 848-852.	1.4	14
133	Sphaeroane and Neodolabellane Diterpenes from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>Marine Drugs</i> , 2009, 7, 184-195.	4.6	14
134	Bisabolane and chamigrane sesquiterpenes from the soft coral <i>Pseudopterogorgia rigida</i> . <i>Phytochemistry Letters</i> , 2014, 8, 86-91.	1.2	14
135	Diabetic skin and UV light: Protection by antioxidants. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 1-8.	4.0	14
136	Antibacterial activity of volatile secondary metabolites from Caribbean soft corals of the genus <i>Gorgonia</i> . <i>Flavour and Fragrance Journal</i> , 2001, 16, 364-366.	2.6	13
137	Glandulaurencianols A-C, brominated diterpenes from the red alga, <i>Laurencia glandulifera</i> and the sea hare, <i>Aplysia punctata</i> . <i>Tetrahedron Letters</i> , 2014, 55, 2835-2837.	1.4	13
138	4 β -Methylated steroids with cytotoxic activity from the soft coral <i>Litophyton mollis</i> . <i>Steroids</i> , 2016, 115, 130-135.	1.8	13
139	Evaluation of Antifouling Potential and Ecotoxicity of Secondary Metabolites Derived from Red Algae of the Genus <i>Laurencia</i> . <i>Marine Drugs</i> , 2019, 17, 646.	4.6	13
140	Pectinoacetals A-C: novel sterol hemiacetals from the gorgonian <i>Ctenocella pectinata</i> . <i>Experientia</i> , 1993, 49, 265-267.	1.2	12
141	Essential Oil of <i>Sideritis raeseri</i> Boiss. et Heldr. ssp. <i>raeseri</i> . <i>Journal of Essential Oil Research</i> , 1996, 8, 303-304.	2.7	12
142	Laurencienyne B, A New Acetylenic Cyclic Ether From the Red Alga <i>Laurencia obtusa</i> . <i>Natural Product Research</i> , 1999, 13, 151-156.	0.4	12
143	Parnapimarol and Nepetaparnone from <i>Nepeta parnassica</i> . <i>Journal of Natural Products</i> , 2008, 71, 926-928.	3.0	12
144	Structures and Antibacterial Activities of Minor Dolabellanes from the Brown Alga <i>Dilophus spiralis</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5177-5186.	2.4	12

#	ARTICLE	IF	CITATIONS
145	Copper complexing properties of exudates and metabolites of macroalgae from the Aegean Sea. <i>Chemosphere</i> , 2013, 91, 1590-1595.	8.2	12
146	Diterpenes with Unprecedented Skeletons from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2848-2853.	2.4	12
147	Î±-Pyrone Polyketides from <i>Streptomyces ambofaciens</i> B10048, an Endophytic Actinobacterial Strain Isolated from the Red Alga <i>Laurencia glandulifera</i> . <i>Marine Drugs</i> , 2017, 15, 389.	4.6	12
148	Halogenated Diterpenes with In Vitro Antitumor Activity from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>Marine Drugs</i> , 2020, 18, 29.	4.6	12
149	Fabrication and Characterization of Neurocompatible Ulvan-Based Layer-by-Layer Films. <i>Langmuir</i> , 2020, 36, 11610-11617.	3.5	12
150	Modulation of the ubiquitin-proteasome system by marine natural products. <i>Redox Biology</i> , 2021, 41, 101897.	9.0	12
151	Nisin-Loaded Ulvan Particles: Preparation and Characterization. <i>Foods</i> , 2021, 10, 1007.	4.3	12
152	Sex attractant in the marine insect <i>Trochopus plumbeus</i> (Heteroptera: Veliidae): a preliminary report. <i>Marine Ecology - Progress Series</i> , 1998, 170, 283-286.	1.9	12
153	Taste and Smell: A Unifying Chemosensory Theory. <i>Quarterly Review of Biology</i> , 2022, 97, 69-94.	0.1	12
154	Chemical Variability of the Volatile Metabolites from the Caribbean Corals of the Genus <i>Gorgonia</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000, 55, 431-441.	1.4	11
155	Udoteal B, A New Linear Diterpenoid from the Green Alga <i>Udotea petiolata</i> . <i>Natural Product Research</i> , 2000, 14, 373-378.	0.4	11
156	Essential Oil and Headspace Analysis of the Maritime <i>Bombycilaena erecta</i> and <i>Otanthus maritimus</i> Species Growing Wild in Greece. <i>Journal of Essential Oil Research</i> , 2000, 12, 360-364.	2.7	11
157	Chemical Composition and Behavioral Responses of the Marine Insect <i>Halobates hawaiiensis</i> (Heteroptera: Gerridae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 597-602.	1.4	11
158	Dilospiranes A and B: diterpenes featuring novel carbocyclic units from the brown alga <i>Dilophus spiralis</i> . <i>Tetrahedron Letters</i> , 2011, 52, 3054-3056.	1.4	11
159	¹ H and ¹³ C NMR spectral assignments of abietane diterpenes from <i>Pinus heldreichii</i> and <i>Pinus nigra</i> subsp. <i>nigra</i> . <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 772-778.	1.9	11
160	Citronella oil-loaded electrospun micro/nanofibrous matrices as sustained repellency systems for the Asian tiger mosquito <i>Aedes albopictus</i> . <i>Pest Management Science</i> , 2019, 75, 2142-2147.	3.4	11
161	Ulvan/gelatin-based nanofibrous patches as a promising treatment for burn wounds. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103535.	3.0	11
162	The cycloaddition of diethyl chlorophosphite with norbornadiene: Synthesis and crystal structure of the cycloadduct. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 979-981.	2.6	10

#	ARTICLE	IF	CITATIONS
163	Identification and Bacteriostatic Activity of the Essential Oil of <i>Lamium garganicum</i> L. ssp. <i>laevigatum</i> Arcangeli. Journal of Essential Oil Research, 1996, 8, 291-293.	2.7	10
164	MONOTERPENOID DIVERSITY IN RELATION TO MORPHOLOGY OF PINUS BRUTIA AND PINUS HALEPENSIS IN AN EAST MEDITERRANEAN AREA (ATTIKI, GREECE): IMPLICATIONS FOR PINE EVOLUTION. Edinburgh Journal of Botany, 2000, 57, 349-375.	0.4	10
165	Schimperiol, A New Meroterpenoid from the Brown Alga <i>Styopodium schimperi</i> . Natural Product Research, 2000, 14, 365-372.	0.4	10
166	Dactylomelane Diterpenes from the Sea Hare <i>Aplysia depilans</i> . Journal of Natural Products, 2015, 78, 462-467.	3.0	10
167	Major Antioxidant Polyphenolic Phytochemicals of Three <i>Salvia</i> Species Endemic to the Island of Crete. Journal of Herbs, Spices and Medicinal Plants, 2016, 22, 27-34.	1.1	10
168	Topical Treatment of Skin Injury Inflicted in Mice by X-Ray Irradiation. Skin Pharmacology and Physiology, 2018, 31, 175-183.	2.5	10
169	Management of Acute Radiodermatitis in Non-Melanoma Skin Cancer Patients Using Electrospun Nanofibrous Patches Loaded with <i>Pinus halepensis</i> Bark Extract. Cancers, 2021, 13, 2596.	3.7	10
170	Total Synthesis of (+)- <i>Myomontanone</i> and (+)- <i>10,11-Didehydromyomontanone</i> . Liebigs Annalen Der Chemie, 1992, 1992, 539-541.	0.8	9
171	Bioactive Seaweed Substances. , 2018, , 25-52.		9
172	Thuwalallenes <i>A</i> and Thuwalenynes <i>C</i> : New C15 Acetogenins with Anti-Inflammatory Activity from a Saudi Arabian Red Sea <i>Laurencia</i> sp.. Marine Drugs, 2019, 17, 644.	4.6	9
173	In Vivo Evaluation of the Wound Healing Activity of Extracts and Bioactive Constituents of the Marine Isopod <i>Ceratothoa oestroides</i> . Marine Drugs, 2020, 18, 219.	4.6	9
174	Influence of Omega-3 Fatty Acid-Rich Fish Oils on Hyperlipidemia: Effect of Eel, Sardine, Trout, and Cod Oils on Hyperlipidemic Mice. Journal of Medicinal Food, 2021, 24, 749-755.	1.5	9
175	Volatile Metabolites of the Green Alga <i>Ulva rigida</i> (C.Ag). Journal of Essential Oil Research, 2000, 12, 201-204.	2.7	8
176	Biological control of mosquito populations: An applied aspect of pest control by means of natural enemies. , 2007, , 123-149.		8
177	Combination of Fospeg-IPDT and a natural antioxidant compound prevents photosensitivity in a murine prostate cancer tumour model. Photodiagnosis and Photodynamic Therapy, 2012, 9, 100-108.	2.6	8
178	Efficacy of a <i>Ceratothoa oestroides</i> Olive Oil Extract in Patients With Chronic Ulcers: A Pilot Study. International Journal of Lower Extremity Wounds, 2019, 18, 309-316.	1.1	8
179	New Eunicellin Type Diterpenoids From the Gorgonian Coral <i>Eunicella Labiata</i> . Natural Product Research, 1999, 13, 89-95.	0.4	7
180	New Prostaglandins from the Chemically Defended Soft Coral <i>Plexaura nina</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 425-430.	1.4	7

#	ARTICLE	IF	CITATIONS
181	Silver Nanoparticles Grown on Cross-Linked Poly (Methacrylic Acid) Microspheres: Synthesis, Characterization, and Antifungal Activity Evaluation. <i>Chemosensors</i> , 2021, 9, 152.	3.6	7
182	Comparative Study on the Volatile Metabolites of Two Marine Sponge Species of the Genus <i>Plakortis</i> . <i>Journal of Essential Oil Research</i> , 1995, 7, 393-397.	2.7	6
183	A New Epoxymurolane Metabolite from the Soft Coral <i>Gorgonia Ventalina</i> . <i>Natural Product Research</i> , 1999, 14, 17-23.	0.4	6
184	1,1-Dimethyl-[2,2]-Bipyridyldium Salt from the Bivalve <i>Callista chione</i> . <i>Natural Product Research</i> , 2000, 14, 425-428.	0.4	6
185	Evolution probing for semiochemicals based on secondary metabolites in the cuticles of three species of Halobates (Heteroptera: Gerridae). <i>Biological Journal of the Linnean Society</i> , 2003, 80, 671-688.	1.6	6
186	Secondary Metabolites and Insecticidal Activity of <i>Anemone pavonina</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 521-526.	1.4	6
187	The interaction of pine scale with pines in Attica, Greece. <i>European Journal of Forest Research</i> , 2010, 129, 1047-1056.	2.5	6
188	Determination of the absolute configuration and evaluation of the in vitro antitumor activity of dilospirane B. <i>Phytochemistry Letters</i> , 2012, 5, 747-751.	1.2	6
189	Isolation and Structure Elucidation of Three New Dolastanes from the Brown Alga <i>Dilophus spiralis</i> . <i>Marine Drugs</i> , 2013, 11, 1104-1112.	4.6	6
190	Nanofibrous nonwovens based on dendritic-linear-dendritic poly(ethylene glycol) hybrids. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45949.	2.6	6
191	Vagiallene, a Rearranged C ₁₅ Acetogenin from <i>Laurencia obtusa</i> . <i>Organic Letters</i> , 2019, 21, 3183-3186.	4.6	6
192	Magnetic Fe@Y Composites as Efficient Recoverable Catalysts for the Valorization of the Recalcitrant Marine Sulfated Polysaccharide Ulvan. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 319-328.	6.7	6
193	Synthesis and Antifouling Activity Evaluation of Analogs of Bromosphaerol, a Brominated Diterpene Isolated from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>Marine Drugs</i> , 2022, 20, 7.	4.6	6
194	A skeletal rearrangement of .gamma.-(acyloxy)-.beta.-keto phosphonates: studies on the formation of 2(3H)-furanones. <i>Journal of Organic Chemistry</i> , 1988, 53, 2011-2015.	3.2	5
195	Disulfides from the Brown Alga <i>Dictyopteris membranacea</i> Suppress M1 Macrophage Activation by Inducing AKT and Suppressing MAPK/ERK Signaling Pathways. <i>Marine Drugs</i> , 2020, 18, 527.	4.6	5
196	Aerophobin-1 from the Marine Sponge <i>Aplysina aerophoba</i> Modulates Osteogenesis in Zebrafish Larvae. <i>Marine Drugs</i> , 2022, 20, 135.	4.6	5
197	What Was Old Is New Again: The Pennate Diatom <i>Haslea ostrearia</i> (Gaillon) Simonsen in the Multi-Omic Age. <i>Marine Drugs</i> , 2022, 20, 234.	4.6	5
198	Antifouling Activity of Halogenated Compounds Derived from the Red Alga <i>Sphaerococcus coronopifolius</i> : Potential for the Development of Environmentally Friendly Solutions. <i>Marine Drugs</i> , 2022, 20, 32.	4.6	5

#	ARTICLE	IF	CITATIONS
199	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
200	Marine Isopod <i>Ceratothoa Oestroides</i> Extract: a Novel Treatment for Diabetic Foot Ulcers? Case Report of an Immunosuppressed Patient. <i>Medicinski Arhiv = Medical Archives = Archives De Médecine</i> , 2019, 73, 131.	0.9	4
201	Heteroannulation of naphthoquinones. Studies on the reaction of 2-bromo-3-dihydronaphthoquinone derivatives with 1,2-binucleophiles. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 709-714.	2.6	3
202	In vivo screening of antimalarial activity of <i>Acacia mellifera</i> (Benth) (Leguminosae) on <i>Plasmodium berghei</i> in mice. <i>African Journal of Traditional Complementary and Alternative Medicines</i> , 2007, 5, 46-50.	0.2	3
203	Ointments containing <i>Ceratothoa oestroides</i> extract: Evaluation of their healing potential in the treatment of diabetic foot ulcers. <i>Wound Repair and Regeneration</i> , 2020, 28, 234-241.	3.0	2
204	Cytotoxic metabolites from marine algae. , 2004, , 195-241.		2
205	New C15 Acetogenins from Two Species of <i>Laurencia</i> from the Aegean Sea. <i>Molecules</i> , 2022, 27, 1866.	3.8	2
206	Chloroplast Fatty Acid Composition in Mediterranean Populations of the Marine Chlorophyte, <i>Anadyomene stellata</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000, 55, 569-575.	1.4	1
207	A Concise Approach to Benzoic Acid Derivatives Bearing an α,β -Unsaturated Ketone Substituent: Synthesis of Methyl Tabogonate. <i>Synlett</i> , 2005, 2005, 3131-3135.	1.8	1