

# Vassilios Roussis

## List of Publications by Citations

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ext. papers

5,356  
ext. citations

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| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 199 | New anti-inflammatory pseudopterosins from the marine octocoral Pseudopteroorgia elisabethae. <i>Journal of Organic Chemistry</i> , <b>1990</b> , 55, 4916-4922   | 4.2  | 127       |
| 198 | Natural products with anti-HIV activity from marine organisms. <i>Current Topics in Medicinal Chemistry</i> , <b>2003</b> , 3, 1512-35  | 3    | 107       |
| 197 | Nanofibers based on polysaccharides from the green seaweed Ulva Rigida. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 1093-1102  | 10.3 | 92        |
| 196 | Volatile halogenated metabolites from marine red algae. <i>Phytochemistry Reviews</i> , <b>2004</b> , 3, 337-366  | 7.7  | 86        |
| 195 | Volatile constituents of needles of five Pinus species grown in Greece. <i>Phytochemistry</i> , <b>1995</b> , 39, 357-364   | 4    | 83        |
| 194 | Ulvan, a bioactive marine sulphated polysaccharide as a key constituent of hybrid biomaterials: A review. <i>Carbohydrate Polymers</i> , <b>2019</b> , 218, 355-370   | 10.3 | 82        |
| 193 | Inhibitory effects of mediterranean sponge extracts and metabolites on larval settlement of the barnacle Balanus amphitrite. <i>Marine Biotechnology</i> , <b>2005</b> , 7, 297-305                                 | 3.4  | 81        |
| 192 | Efficient diterpene production in yeast by engineering Erg20p into a geranylgeranyl diphosphate synthase. <i>Metabolic Engineering</i> , <b>2015</b> , 27, 65-75  | 9.7  | 71        |
| 191 | New cytotoxic sesquiterpenes from the red algae Laurencia obtusa and Laurencia microcladia. <i>Tetrahedron</i> , <b>2006</b> , 62, 182-189  | 2.4  | 71        |
| 190 | Volatile constituents of four Helichrysum species growing in Greece. <i>Biochemical Systematics and Ecology</i> , <b>2000</b> , 28, 163-175   | 1.4  | 71        |
| 189 | 5alpha,8alpha-Epidioxysterols from the gorgonian Eunicella cavolini and the ascidian Trididemnum inarmatum: isolation and evaluation of their antiproliferative activity. <i>Steroids</i> , <b>2009</b> , 74, 73-80 | 2.8  | 64        |
| 188 | Cytotoxic lupane-type triterpenoids from Acacia mellifera. <i>Phytochemistry</i> , <b>2004</b> , 65, 1159-64  | 4    | 64        |
| 187 | Carnosic acid biosynthesis elucidated by a synthetic biology platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 3681-6                           | 11.5 | 63        |
| 186 | Anti-microfouling activity of lipidic metabolites from the invasive brown alga Sargassum muticum (Yendo) Fensholt. <i>Marine Biotechnology</i> , <b>2010</b> , 12, 52-61  | 3.4  | 63        |
| 185 | Factors promoting marine invasions: a chemoecological approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 4582-6                                  | 11.5 | 62        |
| 184 | Ulvan and ulvan/chitosan polyelectrolyte nanofibrous membranes as a potential substrate material for the cultivation of osteoblasts. <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 997-1002                      | 10.3 | 59        |
| 183 | Collagen from the Marine Sponges Axinella cannabina and Suberites carnosus: Isolation and Morphological, Biochemical, and Biophysical Characterization. <i>Marine Drugs</i> , <b>2017</b> , 15,                     | 6    | 58        |

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|-----|---|-----|----|
| 182 | Needle volatiles from five Pinus species growing in Greece. <i>Flavour and Fragrance Journal</i> , <b>2001</b> , 16, 249-252  | 5.2 | 56 |
| 181 | Evaluation of the activity of the sponge metabolites avarol and avarone and their synthetic derivatives against fouling micro- and macroorganisms. <i>Molecules</i> , <b>2007</b> , 12, 1022-34   | 4.8 | 54 |
| 180 | Reconstructing the chemical diversity of labdane-type diterpene biosynthesis in yeast. <i>Metabolic Engineering</i> , <b>2015</b> , 28, 91-103  | 9.7 | 53 |
| 179 | Chemical and biological studies on two Helichrysum species of Greek origin. <i>Planta Medica</i> , <b>1996</b> , 62, 377-9  | 3.1 | 53 |
| 178 | New sesquiterpenes from the red alga Laurencia microcladia. <i>Tetrahedron</i> , <b>2007</b> , 63, 7606-7611  | 2.4 | 53 |
| 177 | Radical-scavenging activity of Aegean Sea marine algae. <i>Food Chemistry</i> , <b>2007</b> , 102, 577-581  | 8.5 | 52 |
| 176 | Cultivated microalgae and the carotenoid fucoxanthin from Odontella aurita as potent anti-proliferative agents in bronchopulmonary and epithelial cell lines. <i>Environmental Toxicology and Pharmacology</i> , <b>2006</b> , 22, 97-103 | 5.8 | 51 |
| 175 | 3-Keto steroids from the marine organisms Dendrophyllia cornigera and Cymodocea nodosa. <i>Steroids</i> , <b>2006</b> , 71, 177-81  | 2.8 | 51 |
| 174 | C(15) Acetogenins from the red alga Laurencia obtusa. <i>Phytochemistry</i> , <b>2002</b> , 59, 111-6   | 4   | 51 |
| 173 | Novel cytotoxic brominated diterpenes from the red alga Laurencia obtusa. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 7667-74   | 4.2 | 51 |
| 172 | The genus Pinus: a comparative study on the needle essential oil composition of 46 pine species. <i>Phytochemistry Reviews</i> , <b>2014</b> , 13, 741-768  | 7.7 | 50 |
| 171 | Electrospun biocomposite nanofibers of ulvan/PCL and ulvan/PEO. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a  | 2.9 | 46 |
| 170 | A method for detecting the biosystematic significance of the essential oil composition: The case of five Hellenic Hypericum L. species. <i>Biochemical Systematics and Ecology</i> , <b>2005</b> , 33, 873-898                            | 1.4 | 45 |
| 169 | Cytotoxic halogenated metabolites from the Brazilian red alga Laurencia catarinensis. <i>Journal of Natural Products</i> , <b>2010</b> , 73, 27-32  | 4.9 | 44 |
| 168 | New metabolites with antibacterial activity from the marine angiosperm Cymodocea nodosa. <i>Tetrahedron</i> , <b>2008</b> , 64, 1696-1702   | 2.4 | 44 |
| 167 | Chemical composition and biological activity of Nepeta parnassica oils and isolated nepetalactones. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2003</b> , 58, 681-6                                    | 1.7 | 44 |
| 166 | Diterpenes from the brown algae Dictyota dichotoma and Dictyota linearis. <i>Phytochemistry</i> , <b>2004</b> , 65, 2025-30   | 4   | 44 |
| 165 | In vivo and in vitro anti-inflammatory activity of neorogioltriol, a new diterpene extracted from the red algae Laurencia glandulifera. <i>Marine Drugs</i> , <b>2011</b> , 9, 1293-306   | 6   | 43 |

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|-----|--|-----|----|
| 164 | Role of lupeol synthase in <i>Lotus japonicus</i> nodule formation. <i>New Phytologist</i> , <b>2011</b> , 189, 335-46   | 9.8 | 42 |
| 163 | Antioxidant potential of six pine species. <i>Phytotherapy Research</i> , <b>2006</b> , 20, 263-6  | 6.7 | 41 |
| 162 | Acetylene sesquiterpenoid esters from the green alga <i>Caulerpa prolifera</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 21-4   | 4.9 | 40 |
| 161 | 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> , <b>2002</b> , 57, 161-71                                   | 1.7 | 40 |
| 160 | First chemical study of anaspidean Syphonota <i>geographica</i> : structure of degraded sterols aplykurodinone-1 and -2. <i>Tetrahedron</i> , <b>2005</b> , 61, 617-621  | 2.4 | 39 |
| 159 | New prenylated phenolics from <i>Piper auritum</i> . <i>Phytochemistry</i> , <b>1987</b> , 26, 2367-2370   | 4   | 39 |
| 158 | Dolabellanes with antibacterial activity from the brown alga <i>Dilophus spiralis</i> . <i>Journal of Natural Products</i> , <b>2011</b> , 74, 213-22  | 4.9 | 38 |
| 157 | Sensing marine biomolecules: smell, taste, and the evolutionary transition from aquatic to terrestrial life. <i>Frontiers in Chemistry</i> , <b>2014</b> , 2, 92   | 5   | 36 |
| 156 | Flavanones from <i>Lonchocarpus minimiflorus</i> . <i>Phytochemistry</i> , <b>1987</b> , 26, 2371-2375   | 4   | 36 |
| 155 | Antimicrobial activity of <i>Acacia mellifera</i> extracts and lupane triterpenes. <i>Journal of Ethnopharmacology</i> , <b>2009</b> , 123, 143-8  | 5   | 35 |
| 154 | The Laurencia Paradox: An Endless Source of Chemodiversity. <i>Progress in the Chemistry of Organic Natural Products</i> , <b>2016</b> , 102, 91-252   | 1.9 | 35 |
| 153 | Terpenes from the red alga <i>Sphaerococcus coronopifolius</i> inhibit the settlement of barnacles. <i>Marine Biotechnology</i> , <b>2011</b> , 13, 764-72   | 3.4 | 34 |
| 152 | Chemical and antibacterial studies of two <i>Helichrysum</i> species of Greek origin. <i>Planta Medica</i> , <b>1997</b> , 63, 181-3   | 3.1 | 34 |
| 151 | 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> , <b>2005</b> , 69, 303-22 | 1.6 | 34 |
| 150 | Combined metabolome and transcriptome profiling provides new insights into diterpene biosynthesis in <i>S. pomifera</i> glandular trichomes. <i>BMC Genomics</i> , <b>2015</b> , 16, 935   | 4.5 | 32 |
| 149 | Structure and in vitro antitumor activity evaluation of brominated diterpenes from the red alga <i>Sphaerococcus coronopifolius</i> . <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1321-30                                  | 3.4 | 31 |
| 148 | Halogenated sesquiterpenes from the red alga <i>Laurencia obtusa</i> . <i>Tetrahedron</i> , <b>2002</b> , 58, 6749-6755  | 2.4 | 31 |
| 147 | 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> , <b>1998</b> , 64, 675-6                                | 3.1 | 31 |

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| 146 | 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> , <b>2018</b> , 118, 69-75                      | 7.9 | 30 |
| 145 | Structure and absolute stereochemistry of syphonoside, a unique macrocyclic glycoterpenoid from marine organisms. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 5625-30  | 4.2 | 30 |
| 144 | New sesterterpene metabolites from the Mediterranean sponge <i>Cacospongia scalaris</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 444-6   | 4.9 | 30 |
| 143 | Cytotoxic cuparene sesquiterpenes from <i>Laurencia microcladia</i> . <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 5723-5726   |     | 30 |
| 142 | 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> , <b>1998</b> , 10, 97-99                                       | 2.3 | 30 |
| 141 | Secondary metabolites of the chemically rich ascoglossan <i>Cyerce nigricans</i> . <i>Experientia</i> , <b>1990</b> , 46, 327-329  |     | 30 |
| 140 | C15 acetogenins with antistaphylococcal activity from the red alga <i>Laurencia glandulifera</i> . <i>Phytochemistry Letters</i> , <b>2008</b> , 1, 31-36  | 1.9 | 29 |
| 139 | Fabrication and Characterization of Electrospun Nanofibers for the Modified Release of the Chronobiotic Hormone Melatonin. <i>Current Drug Delivery</i> , <b>2019</b> , 16, 79-85  | 3.2 | 29 |
| 138 | Labiatamidides A, B, and other eunicellan diterpenoids from the Senegalese gorgonian <i>Eunicella labiata</i> . <i>Tetrahedron</i> , <b>1996</b> , 52, 2735-2742   | 2.4 | 28 |
| 137 | Tetrahydrofuran acetogenins from <i>Laurencia glandulifera</i> . <i>Journal of Natural Products</i> , <b>2009</b> , 72, 190-3  | 4.9 | 27 |
| 136 | Beta-orcinol metabolites from the lichen <i>Hypotrachyna revoluta</i> . <i>Molecules</i> , <b>2007</b> , 12, 997-1005  | 4.8 | 27 |
| 135 | Marine polyprenylated hydroquinones, quinones, and chromenols with inhibitory effects on leukotriene formation. <i>Chemistry and Biodiversity</i> , <b>2005</b> , 2, 901-9   | 2.5 | 27 |
| 134 | Cymodienol and cymodiene: new cytotoxic diarylheptanoids from the sea grass <i>Cymodocea nodosa</i> . <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 2845-2847   | 2   | 26 |
| 133 | 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- $\kappa$ B Signaling. <i>Marine Drugs</i> , <b>2017</b> , 15, | 6   | 25 |
| 132 | Pharmacophore modeling for qualitative prediction of antiestrogenic activity. <i>Journal of Chemical Information and Modeling</i> , <b>2009</b> , 49, 2489-97  | 6.1 | 25 |
| 131 | Structure and antibacterial activity of brominated diterpenes from the red alga <i>Sphaerococcus coronopifolius</i> . <i>Chemistry and Biodiversity</i> , <b>2010</b> , 7, 186-95  | 2.5 | 25 |
| 130 | Cytotoxic bromoditerpenes from the red alga <i>Sphaerococcus coronopifolius</i> . <i>Tetrahedron</i> , <b>2008</b> , 64, 5184-5190   | 4.5 | 25 |
| 129 | Natural Products from Seaweeds <b>2009</b> , 51-81   |     | 24 |

- 128 Brominated diterpenes with antibacterial activity from the red alga *Sphaerococcus coronopifolius*. *Journal of Natural Products*, **2008**, 71, 1386-92 4.9 24
- 127 Piperidinyl amides with insecticidal activity from the maritime plant *Otanthus maritimus*. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 1435-9 5.7 24
- 126 Atomarianones A and B: two cytotoxic meroditerpenes from the brown alga *Taonia atomaria*. *Tetrahedron Letters*, **2005**, 46, 8525-8529 2 24
- 125 Chemical Composition of the Essential Oils and Headspace Samples of Two *Helichrysum* Species Occurring in Spain. *Journal of Essential Oil Research*, **1999**, 11, 511-516 2.3 24
- 124 Further syphonosides from the sea hare *Syphonota geographica* and the sea-grass *Halophila stipulacea*. *Tetrahedron*, **2008**, 64, 191-196 2.4 23
- 123 Volatile Needle Terpenoids of Six *Pinus* Species. *Journal of Essential Oil Research*, **2001**, 13, 174-178 2.3 23
- 122 A prenylated benzoic acid derivative from the leaves of *Piper taboganum*. *Phytochemistry*, **1990**, 29, 1787-1788 2.3 23
- 121 Modified In Vitro Release of Melatonin Loaded in Nanofibrous Electrospun Mats Incorporated Into Monolayered and Three-Layered Tablets. *Journal of Pharmaceutical Sciences*, **2019**, 108, 970-976 3.9 23
- 120 3D-QSAR using pharmacophore-based alignment and virtual screening for discovery of novel MCF-7 cell line inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 67, 344-51 6.8 22
- 119 Crude peroxidase from onion solid waste as a tool for organic synthesis. Part II: oxidative dimerization/cyclization of methyl p-coumarate, methyl caffeate and methyl ferulate. *Tetrahedron Letters*, **2011**, 52, 1165-1168 2 22
- 118 Lupane triterpenoids from *Acacia mellifera* with cytotoxic activity. *Molecules*, **2007**, 12, 1035-44 4.8 22
- 117 Neorogioltriol: A brominated diterpene with analgesic activity from *Laurencia glandulifera*. *Phytochemistry Letters*, **2009**, 2, 25-28 1.9 21
- 116 Antioxidant potential of natural and synthesised polyprenylated hydroquinones. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 935-9 3.4 21
- 115 Prevezols A and B: new brominated diterpenes from the red alga *Laurencia obtusa*. *Tetrahedron Letters*, **2001**, 42, 3749-3752 2 21
- 114 Hybrid Sponge-Like Scaffolds Based on Ulvan and Gelatin: Design, Characterization and Evaluation of Their Potential Use in Bone Tissue Engineering. *Materials*, **2020**, 13, 3.5 19
- 113 Composition and Antibacterial Activity of the Essential Oils of Two *Helichrysum stoechas* Varieties Growing in the Island of Crete. *Journal of Essential Oil Research*, **2002**, 14, 459-461 2.3 18
- 112 The intramolecular Wadsworth-Emmons condensation of  $\gamma$ -(acyloxy)- $\beta$ -ketophosphonates. A new route to 3(2H)-furanones. *Journal of Organic Chemistry*, **1986**, 51, 2525-2529 4.2 18
- 111 Evaluation of anti-oxidant and acetylcholinesterase activity and identification of polyphenolics of the invasive weed *Dittrichia viscosa*. *Phytochemical Analysis*, **2014**, 25, 421-8 3.4 17

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|-----|---|------|----|
| 110 | An integrated approach using UHPLC-PDA-HRMS and 2D HSQC NMR for the metabolic profiling of the red alga <i>Laurencia</i> : dereplication and tracing of natural products. <i>Phytochemistry</i> , <b>2014</b> , 108, 208-19                         | 4    | 17 |
| 109 | Evaluation of anti-oxidant activity and identification of major polyphenolics of the invasive weed <i>Oxalis pes-caprae</i> . <i>Phytochemical Analysis</i> , <b>2012</b> , 23, 642-6   | 3-4  | 17 |
| 108 | Brasilane-type sesquiterpenoids from <i>Laurencia obtusa</i> . <i>Organic Letters</i> , <b>2002</b> , 4, 3263-6   | 6.2  | 17 |
| 107 | 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> , <b>2018</b> , 44, 41-48                             | 4-5  | 17 |
| 106 | Algae metabolites: from in vitro growth inhibitory effects to promising anticancer activity. <i>Natural Product Reports</i> , <b>2019</b> , 36, 810-841   | 15.1 | 16 |
| 105 | Dolastanes from the brown alga <i>Dilophus spiralis</i> : absolute stereochemistry and evaluation of cytotoxicity. <i>Tetrahedron</i> , <b>2008</b> , 64, 3975-3979   | 2.4  | 16 |
| 104 | Pregnanes with antiproliferative activity from the gorgonian <i>Eunicella cavolini</i> . <i>Tetrahedron</i> , <b>2008</b> , 64, 11797-11801   | 2.4  | 16 |
| 103 | Chemical intra-Mediterranean variation and insecticidal activity of <i>Crithmum maritimum</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2001</b> , 56, 211-5  | 1.7  | 16 |
| 102 | Antibacterial and cytotoxic natural and synthesized hydroquinones from sponge <i>Ircinia spinosula</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>1999</b> , 54, 417-23  | 1.7  | 16 |
| 101 | Production of the forskolin precursor 11hydroxy-manoyl oxide in yeast using surrogate enzymatic activities. <i>Microbial Cell Factories</i> , <b>2016</b> , 15, 46  | 6.4  | 16 |
| 100 | Disulfides with Anti-inflammatory Activity from the Brown Alga <i>Dictyopterus membranacea</i> . <i>Journal of Natural Products</i> , <b>2016</b> , 79, 584-9   | 4.9  | 15 |
| 99  | Perezoperezone and curcuperezone: bisabolane dimers from the soft coral <i>Pseudopterogorgia rigida</i> . <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 6920-6922  | 2    | 15 |
| 98  | Metabolites from the sea hare <i>Aplysia fasciata</i> . <i>Journal of Natural Products</i> , <b>2009</b> , 72, 1716-9   | 4.9  | 15 |
| 97  | 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> , <b>2017</b> , 43, 254-262  | 2.7  | 14 |
| 96  | Development and Characterization of Eudragit-Based Electrospun Nanofibrous Mats and Their Formulation into Nanofiber Tablets for the Modified Release of Furosemide. <i>Pharmaceutics</i> , <b>2019</b> , 11,                                       | 6.4  | 14 |
| 95  | <i>Origanum</i> species native to the island of Crete: in vitro antioxidant characteristics and liquid chromatography-mass spectrometry identification of major polyphenolic components. <i>Natural Product Research</i> , <b>2014</b> , 28, 1284-7 | 2.3  | 14 |
| 94  | Desmettianosides A and B, bisdesmosidic furostanol saponins with molluscicidal activity from <i>Yucca desmettiana</i> . <i>Steroids</i> , <b>2012</b> , 77, 686-90  | 2.8  | 14 |
| 93  | Sphaeroane and neodolabellane diterpenes from the red alga <i>Sphaerococcus coronopifolius</i> . <i>Marine Drugs</i> , <b>2009</b> , 7, 184-95  | 6    | 14 |

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| 92 | 9,11-Secosterols with antiproliferative activity from the gorgonian <i>Eunicella cavolini</i> . <i>Bioorganic and Medicinal Chemistry</i> , <b>2009</b> , 17, 4537-41                                    | 3.4 | 14 |
| 91 | Ioniols I and II, tetracyclic diterpenes with antibacterial activity, from <i>Sphaerococcus coronopifolius</i> . <i>Chemistry and Biodiversity</i> , <b>2010</b> , 7, 666-76                             | 2.5 | 14 |
| 90 | Essential Oil Analysis of <i>Teucrium divaricatum</i> Heldr. ssp. <i>divaricatum</i> Growing in Greece. <i>Flavour and Fragrance Journal</i> , <b>1997</b> , 12, 113-115                                 | 2.5 | 14 |
| 89 | New brominated labdane diterpenes from the red alga <i>Laurencia obtusa</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1225-8  | 4.9 | 14 |
| 88 | Neurogioltriol and Related Diterpenes from the Red Alga Inhibit Inflammatory Bowel Disease in Mice by Suppressing M1 and Promoting M2-Like Macrophage Responses. <i>Marine Drugs</i> , <b>2019</b> , 17, | 6   | 13 |
| 87 | 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> , <b>2000</b> , 12, 41-46                         | 2.3 | 13 |
| 86 | Secondary metabolite chemistry of the Australian brown alga <i>Encyothalia cliftonii</i> : Evidence for herbivore chemical defence. <i>Phytochemistry</i> , <b>1993</b> , 34, 107-111                    | 4   | 13 |
| 85 | Synthesis of phosphonates from .alpha.-hydroxy carbonyl compounds and dialkyl phosphorochloridites. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 627-631                                      | 4.2 | 13 |
| 84 | Bisabolane and chamigrane sesquiterpenes from the soft coral <i>Pseudopterogorgia rigida</i> . <i>Phytochemistry Letters</i> , <b>2014</b> , 8, 86-91  | 1.9 | 12 |
| 83 | 2,6-Cyclo-xenicanes from the brown algae <i>Dilophus fasciola</i> and <i>Dilophus spiralis</i> . <i>Tetrahedron</i> , <b>2009</b> , 65, 10565-10572  | 2.4 | 12 |
| 82 | Parnapimarol and nepetaparnone from <i>Nepeta parnassica</i> . <i>Journal of Natural Products</i> , <b>2008</b> , 71, 926-8  | 4.9 | 12 |
| 81 | Antibacterial activity of volatile secondary metabolites from Caribbean soft corals of the genus <i>Gorgonia</i> . <i>Flavour and Fragrance Journal</i> , <b>2001</b> , 16, 364-366                      | 2.5 | 12 |
| 80 | Laurencienyne B, A New Acetylenic Cyclic Ether From the Red Alga <i>Laurencia Obtusa</i> . <i>Natural Product Research</i> , <b>1999</b> , 13, 151-156   |     | 12 |
| 79 | Chemical Composition and Intra Mediterranean Variation of the <i>Inula crithmoides</i> L. Oil. <i>Journal of Essential Oil Research</i> , <b>1999</b> , 11, 199-202                                      | 2.3 | 12 |
| 78 | 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> , <b>2014</b> , 55, 2835-2837     | 2   | 11 |
| 77 | Thysiferol Inhibits Mitochondrial Respiration and HIF-1 Activation. <i>Phytochemistry Letters</i> , <b>2011</b> , 4, 75-78.  | 9   | 11 |
| 76 | Dilospiranes A and B: diterpenes featuring novel carbocyclic units from the brown alga <i>Dilophus spiralis</i> . <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 3054-3056                               | 2   | 11 |
| 75 | Zoamides A-D: New marine zoanthoxanthin class alkaloids from an encrusting Philippine <i>Parazoanthus</i> sp.. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 717-720                                    | 2   | 11 |



|    |  |     |    |
|----|--|-----|----|
| 74 | 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> , <b>2001</b> , 56, 848-52                           | 1.7 | 11 |
| 73 | 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> , <b>2001</b> , 56, 597-602                        | 1.7 | 11 |
| 72 | Volatile Constituents of Three <i>Pinus</i> Species Grown in Greece. <i>Journal of Essential Oil Research</i> , <b>2001</b> , 13, 118-121  | 2.3 | 11 |
| 71 | Chemical Constituents of the Essential Oil of <i>Achillea ligustica</i> All. from Greece. <i>Journal of Essential Oil Research</i> , <b>1995</b> , 7, 549-550  | 2.3 | 11 |
| 70 | Methylated steroids with cytotoxic activity from the soft coral <i>Litophyton mollis</i> . <i>Steroids</i> , <b>2016</b> , 115, 130-135  | 2.8 | 10 |
| 69 | Copper complexing properties of exudates and metabolites of macroalgae from the Aegean Sea. <i>Chemosphere</i> , <b>2013</b> , 91, 1590-5  | 8.4 | 10 |
| 68 | 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> , <b>2001</b> , 56, 531-9  | 1.7 | 10 |
| 67 | MONOTERPENOID DIVERSITY IN RELATION TO MORPHOLOGY OF <i>PINUS BRUTIA</i> AND <i>PINUS HALEPENSIS</i> IN AN EAST MEDITERRANEAN AREA (ATTIKI, GREECE): IMPLICATIONS FOR PINE EVOLUTION. <i>Edinburgh Journal of Botany</i> , <b>2000</b> , 57, 349-375 | 0.5 | 10 |
| 66 | Udoteal B, A New Linear Diterpenoid from the Green Alga <i>Udotea petiolata</i> . <i>Natural Product Research</i> , <b>2000</b> , 14, 373-378  |     | 10 |
| 65 | Essential Oil of <i>Sideritis raeseri</i> Boiss. et Heldr. ssp. <i>raeseri</i> . <i>Journal of Essential Oil Research</i> , <b>1996</b> , 8, 303-304   | 2.3 | 10 |
| 64 | Structures and Antibacterial Activities of Minor Dolabellanes from the Brown Alga <i>Dilophus spiralis</i> . <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 5177-5186  | 3.2 | 9  |
| 63 | 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> , <b>2000</b> , 55, 431-41  | 1.7 | 9  |
| 62 | 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> , <b>2000</b> , 12, 360-364                                   | 2.3 | 9  |
| 61 | Identification and Bacteriostatic Activity of the Essential Oil of <i>Lamium garganicum</i> L. ssp. <i>laevigatum</i> Arcangeli. <i>Journal of Essential Oil Research</i> , <b>1996</b> , 8, 291-293   | 2.3 | 9  |
| 60 | Pectinoacetals A-C: novel sterol hemiacetals from the gorgonian <i>Ctenocella pectinata</i> . <i>Experientia</i> , <b>1993</b> , 49, 265-267   |     | 9  |
| 59 | Sex attractant in the marine insect <i>Trochopus plumbeus</i> (Heteroptera: Veliidae): a preliminary report. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 170, 283-286  | 2.6 | 9  |
| 58 | Fabrication and Characterization of Neurocompatible Ulvan-Based Layer-by-Layer Films. <i>Langmuir</i> , <b>2020</b> , 36, 11610-11617  | 4   | 9  |
| 57 | Sesquiterpenes with inhibitory activity against CDC25 phosphatases from the soft coral <i>Pseudopterogorgia rigida</i> . <i>Tetrahedron</i> , <b>2016</b> , 72, 3262-3269  | 2.4 | 9  |

|    |  |     |   |
|----|--|-----|---|
| 56 | In Vivo Evaluation of the Anti-Inflammatory Activity of Electrospun Micro/Nanofibrous Patches Loaded with Bark Extract on Hairless Mice Skin. <i>Materials</i> , <b>2019</b> , 12,   | 3.5 | 8 |
| 55 | Pyronone Polyketides from <i>Streptomyces ambofaciens</i> BI0048, an Endophytic Actinobacterial Strain Isolated from the Red Alga <i>Laurencia glandulifera</i> . <i>Marine Drugs</i> , <b>2017</b> , 15,                              | 6   | 8 |
| 54 | Dactylomelane diterpenes from the sea hare <i>Aplysia depilans</i> . <i>Journal of Natural Products</i> , <b>2015</b> , 78, 462-479  | 7.9 | 8 |
| 53 | Evaluation of Antifouling Potential and Ecotoxicity of Secondary Metabolites Derived from Red Algae of the Genus. <i>Marine Drugs</i> , <b>2019</b> , 17,  | 6   | 8 |
| 52 | Diabetic skin and UV light: Protection by antioxidants. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 127, 1-8  | 5.1 | 8 |
| 51 | New Chlorinated 2,5-Diketopiperazines from Marine-Derived Bacteria Isolated from Sediments of the Eastern Mediterranean Sea. <i>Molecules</i> , <b>2020</b> , 25,  | 4.8 | 8 |
| 50 | In Vivo Evaluation of the Wound Healing Activity of Extracts and Bioactive Constituents of the Marine Isopod. <i>Marine Drugs</i> , <b>2020</b> , 18,  | 6   | 7 |
| 49 | Major Antioxidant Polyphenolic Phytochemicals of Three <i>Salvia</i> Species Endemic to the Island of Crete. <i>Journal of Herbs, Spices and Medicinal Plants</i> , <b>2016</b> , 22, 27-34  | 0.9 | 7 |
| 48 | Schimperiol, A New Meroterpenoid from the Brown Alga <i>Styopodium schimperi</i> . <i>Natural Product Research</i> , <b>2000</b> , 14, 365-372   |     | 7 |
| 47 | New Eunicellin Type Diterpenoids From the Gorgonian Coral <i>Eunicella Labiata</i> . <i>Natural Product Research</i> , <b>1999</b> , 13, 89-95   |     | 7 |
| 46 | The cycloaddition of diethyl chlorophosphite with norbornadiene: Synthesis and crystal structure of the cycloadduct.. <i>Journal of Heterocyclic Chemistry</i> , <b>1996</b> , 33, 979-981   | 1.9 | 7 |
| 45 | Metabolites with Antioxidant Activity from Marine Macroalgae. <i>Antioxidants</i> , <b>2021</b> , 10,  | 7.1 | 7 |
| 44 | Diterpenes with Unprecedented Skeletons from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 2848-2853   | 3.2 | 6 |
| 43 | Topical Treatment of Skin Injury Inflicted in Mice by X-Ray Irradiation. <i>Skin Pharmacology and Physiology</i> , <b>2018</b> , 31, 175-183   | 3   | 6 |
| 42 | Determination of the absolute configuration and evaluation of the in vitro antitumor activity of dilospirane B. <i>Phytochemistry Letters</i> , <b>2012</b> , 5, 747-751   | 1.9 | 6 |
| 41 | Isolation and structure elucidation of three new dolastanes from the brown alga <i>Dilophus spiralis</i> . <i>Marine Drugs</i> , <b>2013</b> , 11, 1104-12   | 6   | 6 |
| 40 | Biological control of mosquito populations: An applied aspect of pest control by means of natural enemies <b>2007</b> , 123-149  |     | 6 |
| 39 | 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> , <b>2003</b> , 80, 671-688 <sup>1.9</sup> |     | 6 |

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|----|---|------|---|
| 38 | New prostaglandins from the chemically defended soft coral <i>Plexaura nina</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2000</b> , 55, 425-30                     | 1.7  | 6 |
| 37 | 1,1?-Dimethyl-[2,2?]-Bipyridylium Salt from the Bivalve <i>Callista chione</i> . <i>Natural Product Research</i> , <b>2000</b> , 14, 425-428  |      | 6 |
| 36 | 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> , <b>2021</b> , 8,                    | 4.5  | 6 |
| 35 | Halogenated Diterpenes with In Vitro Antitumor Activity from the Red Alga. <i>Marine Drugs</i> , <b>2019</b> , 18,  | 6    | 6 |
| 34 | Thuwalallenes A-E and Thuwalenynes A-C: New C Acetogenins with Anti-Inflammatory Activity from a Saudi Arabian Red Sea sp. <i>Marine Drugs</i> , <b>2019</b> , 17,  | 6    | 6 |
| 33 | Antioxidant Potential of Pine Needles: A Systematic Study on the Essential Oils and Extracts of 46 Species of the Genus. <i>Foods</i> , <b>2021</b> , 10,   | 4.9  | 6 |
| 32 | H and 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> , <b>2017</b> , 55, 772-778     | 2.1  | 5 |
| 31 | Efficacy of a Olive Oil Extract in Patients With Chronic Ulcers: A Pilot Study. <i>International Journal of Lower Extremity Wounds</i> , <b>2019</b> , 18, 309-316  | 1.6  | 5 |
| 30 | The interaction of pine scale with pines in Attica, Greece. <i>European Journal of Forest Research</i> , <b>2010</b> , 129, 1047-1056   | 2.7  | 5 |
| 29 | A New Epoxymurolane Metabolite from the Soft Coral <i>Gorgonia ventalina</i> . <i>Natural Product Research</i> , <b>1999</b> , 14, 17-23  |      | 5 |
| 28 | Comparative Study on the Volatile Metabolites of Two Marine Sponge Species of the Genus <i>Plakortis</i> . <i>Journal of Essential Oil Research</i> , <b>1995</b> , 7, 393-397                            | 2.3  | 5 |
| 27 | Total Synthesis of (+)-Myomontanone and (+)-10,11-Didehydromyomontanone. <i>Liebigs Annalen Der Chemie</i> , <b>1992</b> , 1992, 539-541  |      | 5 |
| 26 | Bioactive Steroids from the Red Sea Soft Coral. <i>Marine Drugs</i> , <b>2020</b> , 18,   | 6    | 5 |
| 25 | Combination of Fospeg-IPDT and a natural antioxidant compound prevents photosensitivity in a murine prostate cancer tumour model. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2012</b> , 9, 100-8 | 3.5  | 4 |
| 24 | Secondary metabolites and insecticidal activity of <i>Anemone pavonina</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2006</b> , 61, 521-6                           | 1.7  | 4 |
| 23 | Volatile Metabolites of the Green Alga <i>Ulva rigida</i> (C.Ag). <i>Journal of Essential Oil Research</i> , <b>2000</b> , 12, 201-204  |      | 4 |
| 22 | Modulation of the ubiquitin-proteasome system by marine natural products. <i>Redox Biology</i> , <b>2021</b> , 41, 101897   | 11.3 | 4 |
| 21 | Nisin-Loaded Ulvan Particles: Preparation and Characterization. <i>Foods</i> , <b>2021</b> , 10,  | 4.9  | 4 |

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|----|---|-----|---|
| 20 | 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> , <b>2019</b> , 75, 2142-2147                          | 4.6 | 4 |
| 19 | Nanofibrous nonwovens based on dendritic-linear-dendritic poly(ethylene glycol) hybrids. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45949   | 2.9 | 4 |
| 18 | Vagiallene, a Rearranged C Acetogenin from <i>Laurencia obtusa</i> . <i>Organic Letters</i> , <b>2019</b> , 21, 3183-3186   | 6.2 | 3 |
| 17 | Bioactive Seaweed Substances <b>2018</b> , 25-52  |     | 3 |
| 16 | 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> , <b>2007</b> , 5, 46-50  | 0.2 | 3 |
| 15 | 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> , <b>2019</b> , 73, 131-133 | 1.2 | 3 |
| 14 | 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> , <b>2020</b> , 8, 319-328                    | 8.3 | 3 |
| 13 | Catalytic transformation of the marine polysaccharide ulvan into rare sugars, tartaric and succinic acids. <i>Catalysis Today</i> , <b>2020</b> , 383, 345-345  | 5.3 | 3 |
| 12 | Disulfides from the Brown Alga Suppress M1 Macrophage Activation by Inducing AKT and Suppressing MAPK/ERK Signaling Pathways. <i>Marine Drugs</i> , <b>2020</b> , 18,   | 6   | 3 |
| 11 | The Marine Polysaccharide Ulvan Confers Potent Osteoinductive Capacity to PCL-Based Scaffolds for Bone Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,                            | 6.3 | 3 |
| 10 | Silver Nanoparticles Grown on Cross-Linked Poly (Methacrylic Acid) Microspheres: Synthesis, Characterization, and Antifungal Activity Evaluation. <i>Chemosensors</i> , <b>2021</b> , 9, 152  | 4   | 3 |
| 9  | Marine Biopolymers as Bioactive Functional Ingredients of Electrospun Nanofibrous Scaffolds for Biomedical Applications. <i>Marine Drugs</i> , <b>2022</b> , 20, 314  | 6   | 3 |
| 8  | A skeletal rearrangement of .gamma.-(acyloxy)-.beta.-keto phosphonates: studies on the formation of 2(3H)-furanones. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 2011-2015  | 4.2 | 2 |
| 7  | Cytotoxic metabolites from marine algae <b>2004</b> , 195-241   |     | 2 |
| 6  | Identification of the hydantoin alkaloids parazoanthines as novel CXCR4 antagonists by computational and in vitro functional characterization. <i>Bioorganic Chemistry</i> , <b>2020</b> , 105, 104337                                    | 5.1 | 2 |
| 5  | 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> , <b>2020</b> , 28, 234-241                               | 3.6 | 2 |
| 4  | 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> , <b>2000</b> , 55, 569-575              | 1.7 | 1 |
| 3  | Heteroannulation of naphthoquinones. Studies on the reaction of 2-bromo-2,3-dihydronaphthoquinone derivatives with 1,2-binucleophiles.. <i>Journal of Heterocyclic Chemistry</i> , <b>1996</b> , 33, 709-714                              | 1.9 | 1 |

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|---|--|-----|---|
| 2 | Influence of Omega-3 Fatty Acid-Rich Fish Oils on Hyperlipidemia: Effect of Eel, Sardine, Trout, and Cod Oils on Hyperlipidemic Mice. <i>Journal of Medicinal Food</i> , <b>2021</b> , 24, 749-755 | 2.8 | 1 |
| 1 | Taste and Smell: A Unifying Chemosensory Theory. <i>Quarterly Review of Biology</i> , <b>2022</b> , 97, 69-94  | 5.4 | 0 |