

# Nikolas Fokialakis

## List of Publications by Year in descending order

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93  
papers

1,885  
citations

236925

25  
h-index

315739

38  
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103  
all docs

103  
docs citations

103  
times ranked

2833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Megistoquinones I and II, Two Quinoline Alkaloids with Antibacterial Activity from the Bark of <i>Sarcomelicope megistophylla</i> .. <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 413-414.	1.3	94
2	Evaluation of Estrogenic/Antiestrogenic Activity of Ellagic Acid via the Estrogen Receptor Subtypes ER $\alpha$ and ER $\beta$ . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7715-7720.	5.2	91
3	A New Class of Phytoestrogens. <i>Chemistry and Biology</i> , 2004, 11, 397-406.	6.0	71
4	Antifungal Activity of Thiophenes from <i>Echinops ritro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1651-1655.	5.2	70
5	Modulation of soy isoflavones bioavailability and subsequent effects on bone health in ovariectomized rats: the case for equol. <i>Osteoporosis International</i> , 2007, 18, 671-679.	3.1	69
6	Greek Plant Extracts Exhibit Selective Estrogen Receptor Modulator (SERM)-like Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6956-6961.	5.2	63
7	Hyperjovinols A and B: Two New Phloroglucinol Derivatives from <i>Hypericum jovis</i> with Antioxidant Activity in Cell Cultures. <i>Journal of Natural Products</i> , 2004, 67, 973-977.	3.0	59
8	Photo-Activated DNA Binding and Antimicrobial Activities of Furoquinoline and Pyranoquinolone Alkaloids from Rutaceae. <i>Planta Medica</i> , 2004, 70, 531-535.	1.3	48
9	Marine-Derived Biocatalysts: Importance, Accessing, and Application in Aromatic Pollutant Bioremediation. <i>Frontiers in Microbiology</i> , 2017, 8, 265.	3.5	48
10	Endophytic Bacteria From the Roots of the Medicinal Plant <i>Alkanna tinctoria</i> Tausch (Boraginaceae): Exploration of Plant Growth Promoting Properties and Potential Role in the Production of Plant Secondary Metabolites. <i>Frontiers in Microbiology</i> , 2021, 12, 633488.	3.5	48
11	Natural Resins and Bioactive Natural Products thereof as Potential Antimicrobial Agents. <i>Current Pharmaceutical Design</i> , 2011, 17, 1267-1290.	1.9	47
12	Antifeedant and toxicity effects of thiophenes from four <i>Echinops</i> species against the Formosan subterranean termite, <i>Coptotermes formosanus</i> . <i>Pest Management Science</i> , 2006, 62, 832-838.	3.4	46
13	Essential oil composition of <i>Achillea lingulata</i> and <i>A. umbellata</i> . <i>Flavour and Fragrance Journal</i> , 2007, 22, 184-187.	2.6	43
14	Koniamborine, the First Pyrano[3,2-b]indole Alkaloid and Other Secondary Metabolites from <i>Boronellakoniambiensis</i> . <i>Journal of Natural Products</i> , 2005, 68, 1083-1086.	3.0	42
15	The Bite of the Honeybee: 2-Heptanone Secreted from Honeybee Mandibles during a Bite Acts as a Local Anaesthetic in Insects and Mammals. <i>PLoS ONE</i> , 2012, 7, e47432.	2.5	38
16	Evaluation of the antimalarial and antileishmanial activity of plants from the Greek island of Crete. <i>Journal of Natural Medicines</i> , 2006, 61, 38-45.	2.3	36
17	Antileishmanial Activity of Natural Diterpenes from <i>Cistus</i> sp. and Semisynthetic Derivatives Thereof. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1775-1778.	1.4	34
18	Evaluation of the anti-inflammatory and cytotoxic activities of naphthazarine derivatives from <i>Onosma leptantha</i> . <i>Phytomedicine</i> , 2006, 13, 290-294.	5.3	34

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19	Submerged Fermentation of the Edible Mushroom <i>Pleurotus ostreatus</i> in a Batch Stirred Tank Bioreactor as a Promising Alternative for the Effective Production of Bioactive Metabolites. <i>Molecules</i> , 2012, 17, 2714-2724.	3.8	34
20	Antiproliferative novel isoxazoles: Modeling, virtual screening, synthesis, and bioactivity evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 139-149.	5.5	32
21	Cyclomegistine, the first alkaloid with the new cyclobuta[b]quinoline ring system from <i>Sarcomelicope megistophylla</i> . <i>Tetrahedron Letters</i> , 2001, 42, 5323-5325.	1.4	30
22	Supercritical CO <sub>2</sub> extraction of mastic gum and chemical characterization of bioactive fractions using LC-HRMS/MS and GC-MS. <i>Journal of Supercritical Fluids</i> , 2018, 133, 349-356.	3.2	29
23	Cancer chemoprevention via activation of proteostatic modules. <i>Cancer Letters</i> , 2018, 413, 110-121.	7.2	29
24	Antioxidant and Cytotoxic Activity of the Wild Edible Mushroom <i>Gomphus clavatus</i> . <i>Journal of Medicinal Food</i> , 2012, 15, 216-221.	1.5	28
25	The Raputindoles: Novel Cyclopentyl Bisindole Alkaloids from <i>Raputia simulans</i> . <i>Organic Letters</i> , 2010, 12, 1908-1911.	4.6	27
26	Composition of the steam volatiles of six <i>Euphorbia</i> spp. from Greece. <i>Flavour and Fragrance Journal</i> , 2003, 18, 39-42.	2.6	26
27	Synthesis and biological evaluation of novel tamoxifen analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4120-4131.	3.0	26
28	Antioxidant Properties of the Wild Edible Mushroom <i>Lactarius salmonicolor</i> . <i>Journal of Medicinal Food</i> , 2013, 16, 760-764.	1.5	25
29	Two New Alkaloids from the Bark of <i>Sarcomelicope megistophylla</i> . <i>Journal of Natural Products</i> , 2000, 63, 385-386.	3.0	24
30	PIFA-mediated synthesis of novel pyrazoloquinolin-4-ones as potential ligands for the estrogen receptor. <i>Tetrahedron Letters</i> , 2008, 49, 7100-7102.	1.4	24
31	Novel Pyrazole and Indazole Derivatives: Synthesis and Evaluation of Their Anti-proliferative and Anti-angiogenic Activities. <i>Archiv Der Pharmazie</i> , 2012, 345, 804-811.	4.1	23
32	Ester and carbamate ester derivatives of Biochanin A: Synthesis and in vitro evaluation of estrogenic and antiproliferative activities. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2962-2970.	3.0	23
33	Coumarins from the Fruits of <i>Seseli devenyense</i> . <i>Journal of Natural Products</i> , 2005, 68, 1637-1641.	3.0	21
34	Terrestrial Microorganisms: Cell Factories of Bioactive Molecules with Skin Protecting Applications. <i>Molecules</i> , 2019, 24, 1836.	3.8	21
35	Furomegistines I and II, two furanopyridine alkaloids from the bark of <i>Sarcomelicope megistophylla</i> . <i>Phytochemistry</i> , 2001, 57, 593-596.	2.9	20
36	Essential Oil Constituents of <i>Valeriana italica</i> and <i>Valeriana tuberosa</i> . Stereochemical and Conformational Study of 15-Acetoxyvaleranone. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 791-796.	1.4	19

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37	Rare Coumarins Induce Apoptosis, G1 Cell Block and Reduce RNA Content in HL60 Cells. <i>Open Chemistry</i> , 2017, 15, 1-6.	1.9	19
38	Enzymatic tailoring of oleuropein from <i>Olea europaea</i> leaves and product identification by HRMS/MS spectrometry. <i>Journal of Biotechnology</i> , 2017, 253, 48-54.	3.8	19
39	Production of bioactive metabolites with pharmaceutical and nutraceutical interest by submerged fermentation of <i>Pleurotus ostreatus</i> in a batch stirred tank bioreactor. <i>Procedia Food Science</i> , 2011, 1, 1746-1752.	0.6	17
40	Megistosarcimine and megistosarconine, two alkaloids from <i>Sarcomelicope megistophylla</i> . <i>Phytochemistry</i> , 1999, 52, 1745-1748.	2.9	16
41	Triterpenic Derivatives of <i>Achillea alexandri-regis</i> BORNM. & RUDSKI. <i>Chemical and Pharmaceutical Bulletin</i> , 2004, 52, 1462-1465.	1.3	15
42	Differential estrogen receptor subtype modulators: Assessment of estrogen receptor subtype-binding selectivity and transcription-regulating properties of new cycloalkyl pyrazoles. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 117, 159-167.	2.5	15
43	Screening for tyrosinase inhibitors from actinomycetes; identification of trichostatin derivatives from <i>Streptomyces</i> sp. CA-129531 and scale up production in bioreactor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126952.	2.2	15
44	The Structure of Sarcomejine: An Application of Long-Range $1\text{H}\hat{\sim}15\text{N}$ Correlation at Natural Abundance. <i>Journal of Natural Products</i> , 2000, 63, 1004-1005.	3.0	14
45	Leaf structure and histochemistry of <i>Ficus carica</i> (Moraceae), the fig tree. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 218, 24-34.	1.2	14
46	Innovative Approach to Sustainable Marine Invertebrate Chemistry and a Scale-Up Technology for Open Marine Ecosystems. <i>Marine Drugs</i> , 2018, 16, 152.	4.6	14
47	Unraveling the Detoxification Mechanism of 2,4-Dichlorophenol by Marine-Derived Mesophotic Symbiotic Fungi Isolated from Marine Invertebrates. <i>Marine Drugs</i> , 2019, 17, 564.	4.6	13
48	Acretoside, a new sucrose ester from <i>Aristolochia cretica</i> *. <i>Journal of Asian Natural Products Research</i> , 2005, 7, 799-803.	1.4	12
49	Deoxybenzoins are novel potent selective estrogen receptor modulators. <i>Steroids</i> , 2007, 72, 693-704.	1.8	12
50	Biological Evaluation and In Silico Study of Benzoic Acid Derivatives from <i>Bjerkandera adusta</i> Targeting Proteostasis Network Modules. <i>Molecules</i> , 2020, 25, 666.	3.8	12
51	Comparative HPLC-DAD and UHPLC-ESI(-)-HRMS & MS/MS profiling of <i>Hypericum</i> species and correlation with necrotic cell-death activity in human leukemic cells. <i>Phytochemistry Letters</i> , 2017, 20, 481-490.	1.2	11
52	Novel Carbonyl Analogs of Tamoxifen: Design, Synthesis, and Biological Evaluation. <i>Frontiers in Chemistry</i> , 2017, 5, 71.	3.6	11
53	Degradation Mechanism of 2,4-Dichlorophenol by Fungi Isolated from Marine Invertebrates. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3317.	4.1	11
54	Phytochemical characteristics of bergamot oranges from the Ionian islands of Greece: A multi-analytical approach with emphasis in the distribution of neohesperidose flavanones. <i>Food Chemistry</i> , 2021, 343, 128400.	8.2	11

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55	Modulation of CYP1A1 and CYP1A2 Hepatic Enzymes after Oral Administration of Chios Mastic Gum to Male Wistar Rats. PLoS ONE, 2014, 9, e100190.	2.5	10
56	Phytotoxic triterpene saponins from <i>Bellis longifolia</i> , an endemic plant of Crete. Phytochemistry, 2017, 144, 71-77.	2.9	10
57	Osmanicin, a Polyketide Alkaloid Isolated from <i>Streptomyces osmaniensis</i> CA-244599 Inhibits Elastase in Human Fibroblasts. Molecules, 2019, 24, 2239.	3.8	10
58	Impact of the Cultivation Technique on the Production of Secondary Metabolites by <i>Chrysosporium lobatum</i> TM-237-S5, Isolated from the Sponge <i>Acanthella cavernosa</i> . Marine Drugs, 2019, 17, 678.	4.6	10
59	Biological evaluation of isoflavonoids from <i>Genista halacsyi</i> using estrogen-target cells: Activities of glucosides compared to aglycones. PLoS ONE, 2019, 14, e0210247.	2.5	10
60	Leaf structure and histochemistry of the hardy evergreen <i>Euphorbia characias</i> L. (Mediterranean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	9
61	Isolation of Volatile Compounds with Repellent Properties against <i>Aedes albopictus</i> (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	3.8	9
62	The Arbuscular Mycorrhizal Fungus <i>Rhizophagus irregularis</i> MUCL 41833 Modulates Metabolites Production of <i>Anchusa officinalis</i> L. Under Semi-Hydroponic Cultivation. Frontiers in Plant Science, 2021, 12, 724352.	3.6	9
63	Estrogenic Activity of Phenylpropanoids from <i>Sarcomelicope megistophylla</i> and Structure Determination of a New Norneolignan. Planta Medica, 2003, 69, 566-568.	1.3	8
64	Simple Indole Alkaloids from the Neotropical Rutaceous Tree <i>Raputia simulans</i> . Planta Medica, 2011, 77, 1559-1561.	1.3	8
65	Structural and phytochemical investigation of the leaves of <i>Ricinus communis</i> . Australian Journal of Botany, 2017, 65, 58.	0.6	8
66	The Metabolic Profile of <i>Anchusa officinalis</i> L. Differs According to Its Associated Arbuscular Mycorrhizal Fungi. Metabolites, 2022, 12, 573.	2.9	8
67	Two New 3-Methoxy-4-quinolone Alkaloids from the Bark of <i>Sarcomelicope megistophylla</i> .. Chemical and Pharmaceutical Bulletin, 2000, 48, 2009-2010.	1.3	7
68	Alkaloids from <i>Sarcomelicope megistophylla</i> . FÄ-toterapÄ-Äç, 2007, 78, 169-170.	2.2	7
69	Coumarins from <i>Peucedanum luxurians</i> . FÄ-toterapÄ-Äç, 2007, 78, 448-449.	2.2	6
70	Synthesis and In Vitro Biological Evaluation of Novel Pyrazole Derivatives as Potential Antitumor Agents. Medicinal Chemistry, 2012, 8, 779-788.	1.5	5
71	A two-season impact study on <i>Globularia alypum</i> : adaptive leaf structures and secondary metabolite variations. Plant Biosystems, 2018, 152, 1118-1127.	1.6	5
72	Comparative UHPLC-HRMS Profiling, Toxicological Assessment, and Protection Against H <sub>2</sub> O <sub>2</sub> -Induced Genotoxicity of Different Parts of <i>Opuntia ficus indica</i> . Journal of Medicinal Food, 2019, 22, 1280-1293.	1.5	5

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73	Megistolactone, a New Alkaloid from <i>Sarcomelicope megistophylla</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 874-876.	1.4	4
74	Acretoside, a new sucrose ester from <i>Aristolochia cretica</i> . Natural Product Research, 2005, 19, 795-799.	1.8	4
75	Chemical Composition Of The Essential Oil Of <i>Cionura Erecta</i> (Asclepiadaceae) Inflorescences. Journal of Essential Oil Research, 2007, 19, 266-268.	2.7	4
76	Can we use the epigenetic bioactivity of caloric restriction and phytochemicals to promote healthy ageing?. MedChemComm, 2014, 5, 1804-1820.	3.4	4
77	Novel conformationally constrained pyrazole derivatives as potential anti-cancer agents. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 677-690.	0.7	4
78	<i>Cercospora</i> sp. as a source of anti-aging polyketides targeting 26S proteasome and scale-up production in submerged bioreactor. Journal of Biotechnology, 2019, 301, 88-96.	3.8	4
79	Ochraceopyronide, a Rare $\pm$ -Pyrone-C-lyxofuranoside from a Soil-Derived Fungus <i>Aspergillus ochraceopetaliformis</i> . Molecules, 2021, 26, 3976.	3.8	4
80	Comoclathrin, a novel potent skin-whitening agent produced by endophytic <i>Comoclathris</i> strains associated with Andalusia desert plants. Scientific Reports, 2022, 12, 1649.	3.3	4
81	Synthesis of Novel Conformationally Constrained Pyrazolo[4,3-c]quinoline Derivatives as Potential Ligands for the Estrogen Receptor. Synthesis, 2006, 2006, 1791-1802.	2.3	3
82	Rare Bisindole Alkaloids from the Amazonian Tree <i>Raputia simulans</i> . Chemistry and Biodiversity, 2014, 11, 126-132.	2.1	3
83	Bioactive Metabolites of the Stem Bark of <i>Strychnos aff. darienensis</i> and Evaluation of Their Antioxidant and UV Protection Activity in Human Skin Cell Cultures. Cosmetics, 2019, 6, 7.	3.3	2
84	Triterpenes from <i>Echinops spinosissimus</i> Turra subsp. <i>spinosissimus</i> . Phytochemistry Letters, 2019, 30, 273-277.	1.2	2
85	Elastase inhibitory activity of secondary metabolites from the fungus <i>Virgaria nigra</i> CF-231658. Natural Product Research, 2022, 36, 1668-1671.	1.8	2
86	Leaf structure and phytochemical analysis of <i>Aristolochia baetica</i> , a traditionally used pharmaceutical plant. Journal of Herbs, Spices and Medicinal Plants, 2019, 25, 88-103.	1.1	1
87	Isoflavonoid Profiling and Estrogen-Like Activity of Four <i>Genista</i> Species from the Greek Flora. Molecules, 2020, 25, 5507.	3.8	1
88	A Development Strategy of Tailor-made Natural Deep Eutectic Solvents for the Enhanced Extraction of Hydroxynaphthoquinones from <i>Alkanna tinctoria</i> Roots. Planta Medica, 2022, 0, .	1.3	1
89	New indole diketopiperazine alkaloids from a soil-derived fungus <i>Aspergillus ochraceopetaliformis</i> . Planta Medica, 2021, 87, .	1.3	1
90	Hyperactivation of Nrf2 increases stress tolerance at the cost of aging acceleration due to metabolic deregulation. Free Radical Biology and Medicine, 2018, 128, S128.	2.9	0

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91	Novel Carbamylxy Analogues of Tamoxifen: Synthesis, Molecular Docking and Bioactivity Evaluation. Letters in Drug Design and Discovery, 2021, 18, 422-428.	0.7	0
92	A tailor-made NaDESS development strategy for the enhanced extraction of hydroxynaphthoquinones from <i>Alkanna tinctoria</i> roots.. <i>Planta Medica</i> , 2021, 87, .	1.3	0
93	Rapid discrimination of secondary metabolite production caused by endophytic bacteria on <i>Alkanna tinctoria</i> (L.) Tausch calli based on untargeted HPTLC metabolomics. <i>Planta Medica</i> , 2021, 87, .	1.3	0