

Vassilios P Papageorgiou

List of Publications by Year in descending order

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70
papers

3,212
citations

186265

28
h-index

155660

55
g-index

72
all docs

72
docs citations

72
times ranked

3594
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 270-301.	13.8	519
2	Radical scavenging activity of various extracts and fractions of sweet orange peel (<i>Citrus sinensis</i>). <i>Food Chemistry</i> , 2006, 94, 19-25.	8.2	384
3	Electrospun fiber mats containing shikonin and derivatives with potential biomedical applications. <i>International Journal of Pharmaceutics</i> , 2011, 409, 216-228.	5.2	139
4	Analysis of antioxidant compounds in sweet orange peel by HPLC-diode array detection-electrospray ionization mass spectrometry. <i>Biomedical Chromatography</i> , 2005, 19, 138-148.	1.7	132
5	GC-MS analysis of penta- and tetra-cyclic triterpenes from resins of <i>Pistacia</i> species. Part I. <i>Pistacia lentiscus</i> var. <i>Chia</i> . <i>Biomedical Chromatography</i> , 2005, 19, 285-311.	1.7	116
6	Inhibitory Activity of Minor Polyphenolic and Nonpolyphenolic Constituents of Olive Oil Against In Vitro Low-Density Lipoprotein Oxidation. <i>Journal of Medicinal Food</i> , 2002, 5, 1-7.	1.5	114
7	Biological activity of some naturally occurring resins, gums and pigments against in vitro LDL oxidation. <i>Phytotherapy Research</i> , 2003, 17, 501-507.	5.8	113
8	Antioxidant activities of alkannin, shikonin and <i>Alkanna tinctoria</i> root extracts in oil substrates. <i>Food Chemistry</i> , 2004, 87, 433-438.	8.2	99
9	Antioxidant activity of natural resins and bioactive triterpenes in oil substrates. <i>Food Chemistry</i> , 2005, 92, 721-727.	8.2	92
10	Alkannin and Shikonin: Effect on Free Radical Processes and on Inflammation - A Preliminary Pharmacochemical Investigation. <i>Archiv Der Pharmazie</i> , 2002, 335, 262.	4.1	81
11	Inhibition of topoisomerase I by naphthoquinone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 3385-3390.	2.2	77
12	Recent Advances in Chemistry, Biology and Biotechnology of Alkannins and Shikonins. <i>Current Organic Chemistry</i> , 2006, 10, 2123-2142.	1.6	77
13	Inhibition of c-MYC with involvement of ERK/JNK/MAPK and AKT pathways as a novel mechanism for shikonin and its derivatives in killing leukemia cells. <i>Oncotarget</i> , 2015, 6, 38934-38951.	1.8	70
14	Efficient Synthesis of Aminonaphthoquinones and Azidobenzohydroquinones: Mechanistic Considerations of the Reaction of Hydrazoic Acid with Quinones. An Overview. <i>Journal of Organic Chemistry</i> , 1997, 62, 6-10.	3.2	60
15	Analysis of alkannin derivatives from <i>Alkanna</i> species by high-performance liquid chromatography/photodiode array/mass spectrometry. <i>Biomedical Chromatography</i> , 2006, 20, 1359-1374.	1.7	58
16	GC-MS analysis of penta- and tetra-cyclic triterpenes from resins of <i>Pistacia</i> species. Part II. <i>Pistacia terebinthus</i> var. <i>Chia</i> . <i>Biomedical Chromatography</i> , 2005, 19, 586-605.	1.7	50
17	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
18	Pharmacophore-driven identification of PPAR β agonists from natural sources. <i>Journal of Computer-Aided Molecular Design</i> , 2011, 25, 107-116.	2.9	45

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19	Structure-radical scavenging activity relationship of alkannin/shikonin derivatives. <i>Food Chemistry</i> , 2011, 124, 171-176.	8.2	41
20	A General Procedure for the Efficient Synthesis of (Alkylamino)naphthoquinones. <i>Journal of Organic Chemistry</i> , 1996, 61, 3031-3033.	3.2	41
21	The Chemical Composition of the Essential Oil of Mastic Gum. <i>Journal of Essential Oil Research</i> , 1991, 3, 107-110.	2.7	39
22	Chimeric advanced drug delivery nano systems (chi-aDDnSs) for shikonin combining dendritic and liposomal technology. <i>International Journal of Pharmaceutics</i> , 2012, 422, 381-389.	5.2	38
23	Comparative Study of PEGylated and Conventional Liposomes as Carriers for Shikonin. <i>Fluids</i> , 2018, 3, 36.	1.7	38
24	Preparative isolation and purification of alkannin/shikonin derivatives from natural products by high-speed counter-current chromatography. <i>Biomedical Chromatography</i> , 2009, 23, 182-198.	1.7	35
25	Structure/Antileishmanial Activity Relationship Study of Naphthoquinones and Dependency of the Mode of Action on the Substitution Patterns. <i>Planta Medica</i> , 2011, 77, 2003-2012.	1.3	33
26	Analytical Methods for the Determination of Alkannins and Shikonins. <i>Current Organic Chemistry</i> , 2006, 10, 583-622.	1.6	32
27	Electrospun wound dressings containing bioactive natural products: physico-chemical characterization and biological assessment. <i>Biomaterials Research</i> , 2021, 25, 23.	6.9	31
28	Simultaneous determination of monomeric and oligomeric alkannins and shikonins by high-performance liquid chromatography-diode array detection-mass spectrometry. <i>Biomedical Chromatography</i> , 2008, 22, 173-190.	1.7	30
29	Molecularly imprinted polymers for the isolation of bioactive naphthoquinones from plant extracts. <i>Journal of Chromatography A</i> , 2013, 1315, 15-20.	3.7	29
30	Asymmetric synthesis of alkannin and shikonin. <i>Tetrahedron Letters</i> , 1997, 38, 7263-7266.	1.4	27
31	Determination of naturally occurring hydroxynaphthoquinone polymers by size-exclusion chromatography. <i>Chromatographia</i> , 2002, 55, 423-430.	1.3	27
32	Structure determination of oligomeric alkannin and shikonin derivatives. <i>Biomedical Chromatography</i> , 2005, 19, 498-505.	1.7	23
33	Structure and bonding of mononuclear and homobinuclear chelates of some divalent metal ions with the ligand 1,8-dihydroxyanthraquinone. <i>Canadian Journal of Chemistry</i> , 1982, 60, 2477-2483.	1.1	22
34	Preparation and release studies of alkannin-containing microcapsules. <i>Journal of Microencapsulation</i> , 2004, 21, 161-173.	2.8	22
35	<i>Pistacia lentiscus</i> Oleoresin: Virtual Screening and Identification of Masticadienonic and Isomasticadienonic Acids as Inhibitors of 11 β -Hydroxysteroid Dehydrogenase 1. <i>Planta Medica</i> , 2015, 81, 525-532.	1.3	22
36	Study on polymerization of the pharmaceutical substances isohexenyl-naphthazarins. <i>Biomedical Chromatography</i> , 2004, 18, 492-500.	1.7	21

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37	Sterically stabilized liposomes as a potent carrier for shikonin. <i>Journal of Liposome Research</i> , 2014, 24, 230-240.	3.3	21
38	Encapsulation of isohexenylnaphthazarins in cyclodextrins. <i>Biomedical Chromatography</i> , 2004, 18, 240-247.	1.7	20
39	Shikonin-loaded liposomes as a new drug delivery system: Physicochemical characterization and in vitro cytotoxicity. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 1113-1123.	1.5	20
40	Quantitative determination of alkannins and shikonins in endemic Mediterranean <i>Alkanna</i> species. <i>Biomedical Chromatography</i> , 2014, 28, 923-933.	1.7	20
41	Advanced Drug Delivery Nanosystems for Shikonin: A Calorimetric and Electron Paramagnetic Resonance Study. <i>Langmuir</i> , 2018, 34, 9424-9434.	3.5	20
42	Study on isohexenylnaphthazarins polymerization in alkaline media. <i>Biomedical Chromatography</i> , 2004, 18, 508-522.	1.7	19
43	Study on the enantiomeric ratio of the pharmaceutical substances alkannin and shikonin. <i>Biomedical Chromatography</i> , 2004, 18, 791-799.	1.7	18
44	Chemical Composition of the Essential Oil of Chios Turpentine. <i>Journal of Essential Oil Research</i> , 1999, 11, 367-368.	2.7	17
45	Phenolic Constituents from <i>Onosma heterophylla</i> . <i>Journal of Natural Products</i> , 1993, 56, 949-952.	3.0	16
46	Modeling of hyperbranched polyesters as hosts for the multifunctional bioactive agent shikonin. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 10808.	2.8	16
47	THE CHEMISTRY OF 1,3-DIOXIMES. A BRIEF REVIEW. <i>Organic Preparations and Procedures International</i> , 1991, 23, 593-610.	1.3	14
48	Solid-phase extraction for purification of alkannin/shikonin samples and isolation of monomeric and dimeric fractions. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2221-2232.	3.7	14
49	¹ H NMR Spectra of Naturally Occurring Isohexenylnaphthazarin Pigments. <i>Planta Medica</i> , 1979, 37, 185-187.	1.3	13
50	Novel electrospun poly-hydroxybutyrate scaffolds as carriers for the wound healing agents alkannins and shikonins. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab011.	3.7	13
51	Lipids of the hexane extract from the roots of medicinal boraginaceous species. <i>Phytochemical Analysis</i> , 2003, 14, 251-258.	2.4	12
52	Oxidation of the dioximes of 1,3-diketones with lead tetra-acetate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985, , 2083.	0.9	11
53	Voltammetric determination of total alkannin using a glassy carbon electrode. <i>Analyst</i> , The, 1993, 118, 179.	3.5	10
54	Metabolic profiling study of shikonin's cytotoxic activity in the Huh7 human hepatoma cell line. <i>Molecular BioSystems</i> , 2017, 13, 841-851.	2.9	10

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55	Synthesis and antitumor activity of a novel diplatinum complex of the binucleating naphthazarinato ligand. <i>Inorganica Chimica Acta</i> , 1986, 124, 203-206.	2.4	9
56	Lipids from roots of <i>Onosma heterophylla</i> . <i>Phytochemistry</i> , 1987, 26, 842-843.	2.9	9
57	Carbon-13 NMR Spectra of Some Naturally Occurring Hydroxynaphthaquinones. <i>Planta Medica</i> , 1980, 40, 305-307.	1.3	8
58	Naphthazarins from <i>Onosma heterophylla</i> . <i>Journal of Natural Products</i> , 1987, 50, 618-619.	3.0	8
59	Derivatives of aminoquinones with N-protected amino acids. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 259-262.	0.1	7
60	Synthesis and release studies of shikonin-containing microcapsules prepared by the solvent evaporation method. <i>Journal of Microencapsulation</i> , 2003, 20, 581-596.	2.8	7
61	Novel method for selective esterification of polyhydroxy-anthraquinones. <i>Tetrahedron Letters</i> , 1986, 27, 5881-5882.	1.4	6
62	Naturally Occurring Isohexenylnaphthazarins and Wound Healing: Experimental Study in Dogs. <i>Journal of Cutaneous Medicine and Surgery</i> , 2010, 14, 62-70.	1.2	6
63	Synthesis and molecular structure of (oxalato)(2,4-hexanedionato)boron(III). <i>Zeitschrift für Kristallographie</i> , 1989, 187, 55-61.	1.1	5
64	A study of the electron impact fragmentation of aliphatic and alicyclic \hat{I}^2 -dioximes. <i>Organic Mass Spectrometry</i> , 1987, 22, 373-376.	1.3	4
65	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 270-301.	13.8	4
66	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
67	Electron impact mass spectra of pyrazole- and pyrazoline-1,2-dioxides. A comparative study with related systems. <i>Organic Mass Spectrometry</i> , 1986, 21, 435-436.	1.3	1
68	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. , 1999, 38, 270.		1
69	Expanding the Biological Properties of Alkannins and Shikonins: Their Impact on Adipogenesis and Life Expectancy in Nematodes. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	1
70	Derivatives of Aminoquinones with N-protected Amino Acids. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 259-262.	0.1	0