Vassilios P Papageorgiou

List of Publications by Citations

70 papers	2,597 citations	25 h-index	50 g-index
72 ext. papers	2,894 ext. citations	3.8 avg, IF	4.76 L-index

#	Paper	IF	Citations
70	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. *Angewandte Chemie - International Edition*, **1999**, 38, 270-301	16.4	429
69	Radical scavenging activity of various extracts and fractions of sweet orange peel (Citrus sinensis). *Food Chemistry*, **2006**, 94, 19-25	8.5	318
68	Electrospun fiber mats containing shikonin and derivatives with potential biomedical applications. *International Journal of Pharmaceutics*, **2011**, 409, 216-28	6.5	121
67	Analysis of antioxidant compounds in sweet orange peel by HPLC-diode array detection-electrospray ionization mass spectrometry. *Biomedical Chromatography*, **2005**, 19, 138-48	1.7	115
66	Biological activity of some naturally occurring resins, gums and pigments against in vitro LDL oxidation. *Phytotherapy Research*, **2003**, 17, 501-7	6.7	100
65	Inhibitory activity of minor polyphenolic and nonpolyphenolic constituents of olive oil against in vitro low-density lipoprotein oxidation. *Journal of Medicinal Food*, **2002**, 5, 1-7	2.8	99
64	GC-MS analysis of penta- and tetra-cyclic triterpenes from resins of Pistacia species. Part I. Pistacia lentiscus var. Chia. *Biomedical Chromatography*, **2005**, 19, 285-311	1.7	91
63	Antioxidant activities of alkannin, shikonin and Alkanna tinctoria root extracts in oil substrates. *Food Chemistry*, **2004**, 87, 433-438	8.5	77
62	Inhibition of topoisomerase I by naphthoquinone derivatives. *Bioorganic and Medicinal Chemistry Letters*, **1998**, 8, 3385-90	2.9	71
61	Antioxidant activity of natural resins and bioactive triterpenes in oil substrates. *Food Chemistry*, **2005**, 92, 721-727	8.5	71
60	Recent Advances in Chemistry, Biology and Biotechnology of Alkannins and Shikonins. *Current Organic Chemistry*, **2006**, 10, 2123-2142	1.7	64
59	Alkannin and shikonin: effect on free radical processes and on inflammation - a preliminary pharmacochemical investigation. *Archiv Der Pharmazie*, **2002**, 335, 262-6	4.3	64
58	Efficient Synthesis of Aminonaphthoquinones and Azidobenzohydroquinones: Mechanistic Considerations of the Reaction of Hydrazoic Acid with Quinones. An Overview. *Journal of Organic Chemistry*, **1997**, 62, 6-10	4.2	55
57	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. *Oncotarget*, **2015**, 6, 38934-51	3.3	52
56	Analysis of alkannin derivatives from Alkanna species by high-performance liquid chromatography/photodiode array/mass spectrometry. *Biomedical Chromatography*, **2006**, 20, 1359-74	1.7	49
55	GC-MS analysis of penta- and tetra-cyclic triterpenes from resins of Pistacia species. Part II. Pistacia terebinthus var. Chia. *Biomedical Chromatography*, **2005**, 19, 586-605	1.7	40
54	Pharmacophore-driven identification of PPAR agonists from natural sources. *Journal of Computer-Aided Molecular Design*, **2011**, 25, 107-16	4.2	38

53	The Chemical Composition of the Essential Oil of Mastic Gum. *Journal of Essential Oil Research*, **1991**, 3, 107-110	2.3	36
52	Structure-radical scavenging activity relationship of alkannin/shikonin derivatives. *Food Chemistry*, **2011**, 124, 171-176	8.5	33
51	A General Procedure for the Efficient Synthesis of (Alkylamino)naphthoquinones. *Journal of Organic Chemistry*, **1996**, 61, 3031-3033	4.2	33
50	Analytical Methods for the Determination of Alkannins and Shikonins. *Current Organic Chemistry*, **2006**, 10, 583-622	1.7	31
49	Chimeric advanced drug delivery nano systems (chi-aDDnSs) for shikonin combining dendritic and liposomal technology. *International Journal of Pharmaceutics*, **2012**, 422, 381-9	6.5	30
48	Structure/antileishmanial activity relationship study of naphthoquinones and dependency of the mode of action on the substitution patterns. *Planta Medica*, **2011**, 77, 2003-12	3.1	27
47	Preparative isolation and purification of alkannin/shikonin derivatives from natural products by high-speed counter-current chromatography. *Biomedical Chromatography*, **2009**, 23, 182-98	1.7	26
46	Simultaneous determination of monomeric and oligomeric alkannins and shikonins by high-performance liquid chromatography-diode array detection-mass spectrometry. *Biomedical Chromatography*, **2008**, 22, 173-90	1.7	26
45	Molecularly imprinted polymers for the isolation of bioactive naphthoquinones from plant extracts. *Journal of Chromatography A*, **2013**, 1315, 15-20	4.5	25
44	Asymmetric synthesis of alkannin and shikonin. *Tetrahedron Letters*, **1997**, 38, 7263-7266	2	23
43	Determination of naturally occurring hydroxynaphthoquinone polymers by size-exclusion chromatography. *Chromatographia*, **2002**, 55, 423-430	2.1	23
42	Comparative Study of PEGylated and Conventional Liposomes as Carriers for Shikonin. *Fluids*, **2018**, 3, 36	1.6	23
41	Chemie und Biologie von Alkannin, Shikonin und verwandten Naphthazarin-Naturstoffen. *Angewandte Chemie*, **1999**, 111, 280-311	3.6	22
40	Structure determination of oligomeric alkannin and shikonin derivatives. *Biomedical Chromatography*, **2005**, 19, 498-505	1.7	21
39	Structure and bonding of mononuclear and homobinuclear chelates of some divalent metal ions with the ligand 1,8-dihydroxyanthraquinone. *Canadian Journal of Chemistry*, **1982**, 60, 2477-2483	0.9	20
38	Pistacia lentiscus Oleoresin: Virtual Screening and Identification of Masticadienonic and Isomasticadienonic Acids as Inhibitors of 11β-Hydroxysteroid Dehydrogenase 1. *Planta Medica*, **2015**, 81, 525-32	3.1	18
37	Preparation and release studies of alkannin-containing microcapsules. *Journal of Microencapsulation*, **2004**, 21, 161-73	3.4	18
36	Advanced Drug Delivery Nanosystems for Shikonin: A Calorimetric and Electron Paramagnetic Resonance Study. *Langmuir*, **2018**, 34, 9424-9434	4	16

35	Sterically stabilized liposomes as a potent carrier for shikonin. *Journal of Liposome Research*, **2014**, 24, 230-40	6.1	16
34	Shikonin-loaded liposomes as a new drug delivery system: Physicochemical characterization and in vitro cytotoxicity. *European Journal of Lipid Science and Technology*, **2011**, 113, 1113-1123	3	16
33	Study on isohexenylnaphthazarins polymerization in alkaline media. *Biomedical Chromatography*, **2004**, 18, 508-22	1.7	16
32	Modeling of hyperbranched polyesters as hosts for the multifunctional bioactive agent Shikonin. *Physical Chemistry Chemical Physics*, **2011**, 13, 10808-17	3.6	15
31	Encapsulation of isohexenylnaphthazarins in cyclodextrins. *Biomedical Chromatography*, **2004**, 18, 240-7	1.7	15
30	Study on polymerization of the pharmaceutical substances isohexenylnaphthazarins. *Biomedical Chromatography*, **2004**, 18, 492-500	1.7	15
29	Chemical Composition of the Essential Oil of Chios Turpentine. *Journal of Essential Oil Research*, **1999**, 11, 367-368	2.3	14
28	Study on the enantiomeric ratio of the pharmaceutical substances alkannin and shikonin. *Biomedical Chromatography*, **2004**, 18, 791-9	1.7	13
27	Quantitative determination of alkannins and shikonins in endemic Mediterranean Alkanna species. *Biomedical Chromatography*, **2014**, 28, 923-33	1.7	12
26	Solid-phase extraction for purification of alkannin/shikonin samples and isolation of monomeric and dimeric fractions. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 2221-32	4.4	12
25	Phenolic Constituents from Onosma heterophylla. *Journal of Natural Products*, **1993**, 56, 949-952	4.9	12
24	THE CHEMISTRY OF 1,3-DIOXIMES. A BRIEF REVIEW. *Organic Preparations and Procedures International*, **1991**, 23, 593-610	1.1	12
23	Voltammetric determination of total alkannin using a glassy carbon electrode. *Analyst, The*, **1993**, 118, 179	5	10
22	Oxidation of the dioximes of 1,3-diketones with lead tetra-acetate. *Journal of the Chemical Society Perkin Transactions 1*, **1985**, 2083		10
21	1H NMR Spectra of Naturally Occurring Isohexenylnaphthazarin Pigments. *Planta Medica*, **1979**, 37, 185-187	3.1	10
20	Endophytic Bacteria From the Roots of the Medicinal Plant Tausch (): Exploration of Plant Growth Promoting Properties and Potential Role in the Production of Plant Secondary Metabolites. *Frontiers in Microbiology*, **2021**, 12, 633488	5.7	10
19	Metabolic profiling study of shikonin's cytotoxic activity in the Huh7 human hepatoma cell line. *Molecular BioSystems*, **2017**, 13, 841-851		8
18	Lipids of the hexane extract from the roots of medicinal boraginaceous species. *Phytochemical Analysis*, **2003**, 14, 251-8	3.4	8

17	Synthesis and antitumor activity of a novel diplatinum complex of the binucleating naphthazarinato ligand. *Inorganica Chimica Acta*, **1986**, 124, 203-206	2.7	8
16	Carbon-13 NMR Spectra of Some Naturally Occurring Hydroxynaphthaquinones. *Planta Medica*, **1980**, 40, 305-307	3.1	7
15	Derivatives of aminoquinones with N-protected amino acids. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 259-262		6
14	Naphthazarins from Onosma heterophylla. *Journal of Natural Products*, **1987**, 50, 618-619	4.9	6
13	Naturally occurring isohexenylnaphthazarins and wound healing: experimental study in dogs. *Journal of Cutaneous Medicine and Surgery*, **2010**, 14, 62-70	1.6	5
12	Novel method for selective esterification of polyhydroxy-anthraquinones. *Tetrahedron Letters*, **1986**, 27, 5881-5882	2	5
11	Lipids from roots of Onosma heterophylla. *Phytochemistry*, **1987**, 26, 842-843	4	5
10	Synthesis and release studies of shikonin-containing microcapsules prepared by the solvent evaporation method. *Journal of Microencapsulation*, **2003**, 20, 581-96	3.4	4
9	Novel electrospun poly-hydroxybutyrate scaffolds as carriers for the wound healing agents alkannins and shikonins. *International Journal of Energy Production and Management*, **2021**, 8, rbab011	5.3	4
8	Electrospun wound dressings containing bioactive natural products: physico-chemical characterization and biological assessment. *Biomaterials Research*, **2021**, 25, 23	16.8	4
7	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products **1999**, 38, 270		4
6	Synthesis and molecular structure of (oxalato)(2,4-hexanedionato)boron(III). *Zeitschrift F□ Kristallographie*, **1989**, 187, 55-61		3
5	A study of the electron impact fragmentation of aliphatic and alicyclic □dioximes. *Organic Mass Spectrometry*, **1987**, 22, 373-376		3
4	Heteroannulation of naphthoquinones. Studies on the reaction of 2-bromo-2,3-dihydronaphthoquinone derivatives with 1,2-binucleophiles.. *Journal of Heterocyclic Chemistry*, **1996**, 33, 709-714	1.9	1
3	Electron impact mass spectra of pyrazole- and pyrazoline-1,2-dioxides. A comparative study with related systems. *Organic Mass Spectrometry*, **1986**, 21, 435-436		1
2	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products **1999**, 38, 270		1
1	Derivatives of Aminoquinones with N-protected Amino Acids. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 259-262		