

Vassilios P Papageorgiou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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	5.3	4
69	Electrospun wound dressings containing bioactive natural products: physico-chemical characterization and biological assessment. <i>Biomaterials Research</i> , 2021 , 25, 23	16.8	4
68	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. <i>Frontiers in Microbiology</i> , 2021 , 12, 633488	5.7	10
67	Advanced Drug Delivery Nanosystems for Shikonin: A Calorimetric and Electron Paramagnetic Resonance Study. <i>Langmuir</i> , 2018 , 34, 9424-9434	4	16
66	Comparative Study of PEGylated and Conventional Liposomes as Carriers for Shikonin. <i>Fluids</i> , 2018 , 3, 36	1.6	23
65	Metabolic profiling study of shikonin's cytotoxic activity in the Huh7 human hepatoma cell line. <i>Molecular BioSystems</i> , 2017 , 13, 841-851		8
64	Pistacia lentiscus Oleoresin: Virtual Screening and Identification of Masticadienonic and Isomasticadienonic Acids as Inhibitors of 11 β -Hydroxysteroid Dehydrogenase 1. <i>Planta Medica</i> , 2015 , 81, 525-32	3.1	18
63	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, 38934-51	3.3	52
62	Quantitative determination of alkannins and shikonins in endemic Mediterranean Alkanna species. <i>Biomedical Chromatography</i> , 2014 , 28, 923-33	1.7	12
61	Sterically stabilized liposomes as a potent carrier for shikonin. <i>Journal of Liposome Research</i> , 2014 , 24, 230-40	6.1	16
60	Molecularly imprinted polymers for the isolation of bioactive naphthoquinones from plant extracts. <i>Journal of Chromatography A</i> , 2013 , 1315, 15-20	4.5	25
59	Chimeric advanced drug delivery nano systems (chi-aDDnSs) for shikonin combining dendritic and liposomal technology. <i>International Journal of Pharmaceutics</i> , 2012 , 422, 381-9	6.5	30
58	Modeling of hyperbranched polyesters as hosts for the multifunctional bioactive agent Shikonin. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 10808-17	3.6	15
57	Pharmacophore-driven identification of PPAR α agonists from natural sources. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 107-16	4.2	38
56	Electrospun fiber mats containing shikonin and derivatives with potential biomedical applications. <i>International Journal of Pharmaceutics</i> , 2011 , 409, 216-28	6.5	121
55	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	3	16
54	Structure-radical scavenging activity relationship of alkannin/shikonin derivatives. <i>Food Chemistry</i> , 2011 , 124, 171-176	8.5	33

53	Structure/antileishmanial activity relationship study of naphthoquinones and dependency of the mode of action on the substitution patterns. <i>Planta Medica</i> , 2011 , 77, 2003-12	3.1	27
52	Naturally occurring isohexenylnaphthazarins and wound healing: experimental study in dogs. <i>Journal of Cutaneous Medicine and Surgery</i> , 2010 , 14, 62-70	1.6	5
51	Solid-phase extraction for purification of alkannin/shikonin samples and isolation of monomeric and dimeric fractions. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2221-32	4.4	12
50	Preparative isolation and purification of alkannin/shikonin derivatives from natural products by high-speed counter-current chromatography. <i>Biomedical Chromatography</i> , 2009 , 23, 182-98	1.7	26
49	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, 173-90	1.7	26
48	Analysis of alkannin derivatives from <i>Alkanna</i> species by high-performance liquid chromatography/photodiode array/mass spectrometry. <i>Biomedical Chromatography</i> , 2006 , 20, 1359-74	1.7	49
47	Analytical Methods for the Determination of Alkannins and Shikonins. <i>Current Organic Chemistry</i> , 2006 , 10, 583-622	1.7	31
46	Recent Advances in Chemistry, Biology and Biotechnology of Alkannins and Shikonins. <i>Current Organic Chemistry</i> , 2006 , 10, 2123-2142	1.7	64
45	Radical scavenging activity of various extracts and fractions of sweet orange peel (<i>Citrus sinensis</i>). <i>Food Chemistry</i> , 2006 , 94, 19-25	8.5	318
44	Antioxidant activity of natural resins and bioactive triterpenes in oil substrates. <i>Food Chemistry</i> , 2005 , 92, 721-727	8.5	71
43	Analysis of antioxidant compounds in sweet orange peel by HPLC-diode array detection-electrospray ionization mass spectrometry. <i>Biomedical Chromatography</i> , 2005 , 19, 138-48	1.7	115
42	GC-MS analysis of penta- and tetra-cyclic triterpenes from resins of <i>Pistacia</i> species. Part I. <i>Pistacia lentiscus</i> var. Chia. <i>Biomedical Chromatography</i> , 2005 , 19, 285-311	1.7	91
41	Structure determination of oligomeric alkannin and shikonin derivatives. <i>Biomedical Chromatography</i> , 2005 , 19, 498-505	1.7	21
40	GC-MS analysis of penta- and tetra-cyclic triterpenes from resins of <i>Pistacia</i> species. Part II. <i>Pistacia terebinthus</i> var. Chia. <i>Biomedical Chromatography</i> , 2005 , 19, 586-605	1.7	40
39	Encapsulation of isohexenylnaphthazarins in cyclodextrins. <i>Biomedical Chromatography</i> , 2004 , 18, 240-7	1.7	15
38	Study on polymerization of the pharmaceutical substances isohexenylnaphthazarins. <i>Biomedical Chromatography</i> , 2004 , 18, 492-500	1.7	15
37	Study on isohexenylnaphthazarins polymerization in alkaline media. <i>Biomedical Chromatography</i> , 2004 , 18, 508-22	1.7	16
36	Study on the enantiomeric ratio of the pharmaceutical substances alkannin and shikonin. <i>Biomedical Chromatography</i> , 2004 , 18, 791-9	1.7	13

35	Antioxidant activities of alkannin, shikonin and <i>Alkanna tinctoria</i> root extracts in oil substrates. <i>Food Chemistry</i> , 2004 , 87, 433-438	8.5	77
34	Preparation and release studies of alkannin-containing microcapsules. <i>Journal of Microencapsulation</i> , 2004 , 21, 161-73	3.4	18
33	Biological activity of some naturally occurring resins, gums and pigments against in vitro LDL oxidation. <i>Phytotherapy Research</i> , 2003 , 17, 501-7	6.7	100
32	Lipids of the hexane extract from the roots of medicinal boraginaceous species. <i>Phytochemical Analysis</i> , 2003 , 14, 251-8	3.4	8
31	Synthesis and release studies of shikonin-containing microcapsules prepared by the solvent evaporation method. <i>Journal of Microencapsulation</i> , 2003 , 20, 581-96	3.4	4
30	Alkannin and shikonin: effect on free radical processes and on inflammation - a preliminary pharmacochemical investigation. <i>Archiv Der Pharmazie</i> , 2002 , 335, 262-6	4.3	64
29	Determination of naturally occurring hydroxynaphthoquinone polymers by size-exclusion chromatography. <i>Chromatographia</i> , 2002 , 55, 423-430	2.1	23
28	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	2.8	99
27	Chemie und Biologie von Alkannin, Shikonin und verwandten Naphthazarin-Naturstoffen. <i>Angewandte Chemie</i> , 1999 , 111, 280-311	3.6	22
26	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 270-301	16.4	429
25	Chemical Composition of the Essential Oil of Chios Turpentine. <i>Journal of Essential Oil Research</i> , 1999 , 11, 367-368	2.3	14
24	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products 1999 , 38, 270		1
23	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products 1999 , 38, 270		4
22	Derivatives of Aminoquinones with N-protected Amino Acids. <i>International Journal of Peptide Research and Therapeutics</i> , 1998 , 5, 259-262		
21	Derivatives of aminoquinones with N-protected amino acids. <i>International Journal of Peptide Research and Therapeutics</i> , 1998 , 5, 259-262		6
20	Inhibition of topoisomerase I by naphthoquinone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 3385-90	2.9	71
19	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	4.2	55
18	Asymmetric synthesis of alkannin and shikonin. <i>Tetrahedron Letters</i> , 1997 , 38, 7263-7266	2	23

17	Heteroannulation of naphthoquinones. Studies on the reaction of 2-bromo-2,3-dihydronaphthoquinone derivatives with 1,2-binucleophiles.. <i>Journal of Heterocyclic Chemistry</i> , 1996 , 33, 709-714	1.9	1
16	A General Procedure for the Efficient Synthesis of (Alkylamino)naphthoquinones. <i>Journal of Organic Chemistry</i> , 1996 , 61, 3031-3033	4.2	33
15	Voltammetric determination of total alkannin using a glassy carbon electrode. <i>Analyst, The</i> , 1993 , 118, 179	5	10
14	Phenolic Constituents from <i>Onosma heterophylla</i> . <i>Journal of Natural Products</i> , 1993 , 56, 949-952	4.9	12
13	The Chemical Composition of the Essential Oil of Mastic Gum. <i>Journal of Essential Oil Research</i> , 1991 , 3, 107-110	2.3	36
12	THE CHEMISTRY OF 1,3-DIOXIMES. A BRIEF REVIEW. <i>Organic Preparations and Procedures International</i> , 1991 , 23, 593-610	1.1	12
11	Synthesis and molecular structure of (oxalato)(2,4-hexanedionato)boron(III). <i>Zeitschrift Für Kristallographie</i> , 1989 , 187, 55-61		3
10	Naphthazarins from <i>Onosma heterophylla</i> . <i>Journal of Natural Products</i> , 1987 , 50, 618-619	4.9	6
9	Lipids from roots of <i>Onosma heterophylla</i> . <i>Phytochemistry</i> , 1987 , 26, 842-843	4	5
8	A study of the electron impact fragmentation of aliphatic and alicyclic dioximes. <i>Organic Mass Spectrometry</i> , 1987 , 22, 373-376		3
7	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
6	Synthesis and antitumor activity of a novel diplatinum complex of the binucleating naphthazarinato ligand. <i>Inorganica Chimica Acta</i> , 1986 , 124, 203-206	2.7	8
5	Novel method for selective esterification of polyhydroxy-anthraquinones. <i>Tetrahedron Letters</i> , 1986 , 27, 5881-5882	2	5
4	Oxidation of the dioximes of 1,3-diketones with lead tetra-acetate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985 , 2083		10
3	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	0.9	20
2	Carbon-13 NMR Spectra of Some Naturally Occurring Hydroxynaphthaquinones. <i>Planta Medica</i> , 1980 , 40, 305-307	3.1	7
1	¹ H NMR Spectra of Naturally Occurring Isohexenylnaphthazarin Pigments. <i>Planta Medica</i> , 1979 , 37, 185-187	3.7	10