Alexios-Leandros Skaltsounis

List of Publications by Year
in descending order

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Version: 2024-02-01

101 papers	2,027 citations	218677 26 h-index	345221 36 g-index
102 all docs	102 docs citations	102 times ranked	3531 citing authors

#	Article	IF	Citations
1	Drug delivery of 6-bromoindirubin-3â€™-glycerol-oxime ether employing poly(d,l-lactide-co-glycolide)-based nanoencapsulation techniques with sustainable solvents. Journal of Nanobiotechnology, 2022, 20, 5.	9.1	7
2	Effect of Supplementation with Olive Leaf Extract Enriched with Oleuropein on the Metabolome and Redox Status of Athletesâ€™ Blood and Urineâ€"A Metabolomic Approach. Metabolites, 2022, 12, 195.	2.9	3
3	Antioxidant and Neuroprotective Effect of a Grape Pomace Extract on Oxaliplatin-Induced Peripheral Neuropathy in Rats: Biochemical, Behavioral and Histopathological Evaluation. Antioxidants, 2022, 11, 1062.	5.1	6
4	The Combined Environmental Stress on the Leaves of Olea europaea L. and the Relief Mechanism Through Biosynthesis of Certain Secondary Metabolites. Journal of Plant Growth Regulation, 2021, 40, 1044-1059.	5.1	6
5	Assessment of the Nutraceutical Effects of Oleuropein and the Cytotoxic Effects of Adriamycin, When Administered Alone and in Combination, in MG-63 Human Osteosarcoma Cells. Nutrients, 2021, 13, 354.	4.1	3
6	Natural and Nature-Derived Products Targeting Human Coronaviruses. Molecules, 2021, 26, 448.	3.8	24
7	Acute administration of the olive constituent, oleuropein, combined with ischemic postconditioning increases myocardial protection by modulating oxidative defense. Free Radical Biology and Medicine, 2021, 166, 18-32.	2.9	14
8	Oleuropein-Induced Acceleration of Cytochrome P450â€"Catalyzed Drug Metabolism: Central Role for Nuclear Receptor Peroxisome Proliferator-Activated Receptor Î±. Drug Metabolism and Disposition, 2021, 49, 833-843.	3.3	11
9	An enriched polyphenolic extract obtained from the by-product of Rosa damascena hydrodistillation activates antioxidant and proteostatic modules. Phytomedicine, 2021, 93, 153757.	5.3	11
10	Discovering the Next-Generation Plant Protection Products: A Proof-of-Concept via the Isolation and Bioactivity Assessment of the Olive Tree Endophyte Bacillus sp. PTA13 Lipopeptides. Metabolites, 2021, 11, 833.	2.9	5
11	A novel UHPLC-HRMS-based metabolomics strategy enables the discovery of potential neuroactive metabolites in mice plasma, following i.p. administration of the main Crocus sativus L. bioactive component. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112878.	2.8	11
12	Glycyrrhiza glabra-Enhanced Extract and Adriamycin Antiproliferative Effect on PC-3 Prostate Cancer Cells. Nutrition and Cancer, 2020, 72, 320-332.	2.0	14
13	The indirubin derivative 6-bromoindirubin-3â€²-glycerol-oxime ether (6BIGOE) potently modulates inflammatory cytokine and prostaglandin release from human monocytes through GSK-3 interference. Biochemical Pharmacology, 2020, 180, 114170.	4.4	11
14	Behavioral and Neurochemical Effects of Extra Virgin Olive Oil Total Phenolic Content and Sideritis Extract in Female Mice. Molecules, 2020, 25, 5000.	3.8	7
15	Development and Validation of a UPLCâ€"ESI(-)â€"MS/MS Methodology for the Simultaneous Quantification of Hesperidin, Naringin, and their Aglycones in Chicken Tissue Samples. Journal of AOAC INTERNATIONAL, 2020, 103, 83-88.	1.5	3
16	Antiseizure potential of the ancient Greek medicinal plant Helleborus odorus subsp. cyclophyllus and identification of its main active principles. Journal of Ethnopharmacology, 2020, 259, 112954.	4.1	10
17	Biomimetic Synthesis of Oleocanthal, Oleacein, and Their Analogues Starting from Oleuropein, A Major Compound of Olive Leaves. Journal of Natural Products, 2020, 83, 1735-1739.	3.0	19
18	Design and Synthesis of New Substituted Pyrazolopyridines with Potent Antiproliferative Activity. Medicinal Chemistry, 2020, 16, 176-191.	1.5	6

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19	Silymarin Enriched Extract (Silybum marianum) Additive Effect on Doxorubicin-Mediated Cytotoxicity in PC-3 Prostate Cancer Cells. Planta Medica, 2019, 85, 997-1007.	1.3	12
20	A Biomimetic, One-Step Transformation of Simple Indolic Compounds to Malassezia-Related Alkaloids with High AhR Potency and Efficacy. Chemical Research in Toxicology, 2019, 32, 2238-2249.	3.3	11
21	A Three-Step, Gram-Scale Synthesis of Hydroxytyrosol, Hydroxytyrosol Acetate, and 3,4-Dihydroxyphenylglycol. Molecules, 2019, 24, 3239.	3.8	13
22	The Polyphenolic Composition of Extracts Derived from Different Greek Extra Virgin Olive Oils Is Correlated with Their Antioxidant Potency. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	27
23	Indirubin Analogues Inhibit Trypanosoma brucei Glycogen Synthase Kinase 3 Short and T. brucei Growth. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	5
24	Development of a Validated UHPLC-ESI (-)-HRMS Methodology for the Simultaneous Quantitative Determination of Hesperidin, Hesperetin, Naringin, and Naringenin in Chicken Plasma. Food Analytical Methods, 2019, 12, 1187-1196.	2.6	7
25	ÎŸlive tree blossom polyphenolic extracts exert antioxidant and antimutagenic activities in vitro and in various cell lines. Oncology Reports, 2019, 42, 2814-2825.	2.6	11
26	Natural Alkaloids Intervening the Insulin Pathway: New Hopes for Anti-Diabetic Agents?. Current Medicinal Chemistry, 2019, 26, 5982-6015.	2.4	33
27	Selective cytotoxicity of the herbal substance acteoside against tumor cells and its mechanistic insights. Redox Biology, 2018, 16, 169-178.	9.0	37
28	Alteration in the liver metabolome of rats with metabolic syndrome after treatment with Hydroxytyrosol. A Mass Spectrometry And Nuclear Magnetic Resonance - based metabolomics study. Talanta, 2018, 178, 246-257.	5.5	14
29	Indirubin derivatives are potent and selective anti-Trypanosoma cruzi agents. Virulence, 2018, 9, 1658-1668.	4.4	10
30	Rapid isolation and characterization of crocins, picrocrocin, and crocetin from saffron using centrifugal partition chromatography and LCâ€“MS. Journal of Separation Science, 2018, 41, 4105-4114.	2.5	25
31	UHPLCâ€“HRMS-based tissue untargeted metabolomics study of naringin and hesperidin after dietary supplementation in chickens. Food Chemistry, 2018, 269, 276-285.	8.2	10
32	Trans-crocin 4 is not hydrolyzed to crocetin following i.p. administration in mice, while it shows penetration through the blood brain barrier. FÃ¬toterapÃ¬Ã¢, 2018, 129, 62-72.	2.2	18
33	Identification of Novel Melanin Synthesis Inhibitors From Crataegus pycnoloba Using an in Vivo Zebrafish Phenotypic Assay. Frontiers in Pharmacology, 2018, 9, 265.	3.5	27
34	Novel Natural Products for Healthy Ageing from the Mediterranean Diet and Food Plants of Other Global Sourcesâ€”The MediHealth Project. Molecules, 2018, 23, 1097.	3.8	16
35	Antioxidant effects of an olive oil total polyphenolic fraction from a Greek Olea europaea variety in different cell cultures. Phytomedicine, 2018, 47, 135-142.	5.3	23
36	The olive constituent oleuropein, as a PPARÎ± agonist, markedly reduces serum triglycerides. Journal of Nutritional Biochemistry, 2018, 59, 17-28.	4.2	31

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37	An integrated process for the recovery of high added-value compounds from olive oil using solid support free liquid-liquid extraction and chromatography techniques. Journal of Chromatography A, 2017, 1491, 126-136.	3.7	41
38	Evaluation of Dual 5-Lipoxygenase/Microsomal Prostaglandin E2 Synthase-1 Inhibitory Effect of Natural and Synthetic Acronychia-Type Isoprenylated Acetophenones. Journal of Natural Products, 2017, 80, 699-706.	3.0	10
39	The Indirubin Derivative 6-Bromoindirubin-3â€²-Oxime Activates Proteostatic Modules, Reprograms Cellular Bioenergetic Pathways, and Exerts Antiaging Effects. Antioxidants and Redox Signaling, 2017, 27, 1027-1047.	5.4	24
40	New semi-synthetic analogs of oleuropein show improved anticancer activity inÂvitro and inÂvivo. European Journal of Medicinal Chemistry, 2017, 137, 11-29.	5.5	27
41	Enzymatic tailoring of oleuropein from Olea europaea leaves and product identification by HRMS/MS spectrometry. Journal of Biotechnology, 2017, 253, 48-54.	3.8	19
42	Could multivariate statistics exploit HPTLC and NMR data to reveal bioactive compounds? The case of Paeonia mascula. Phytochemistry Letters, 2017, 20, 379-385.	1.2	14
43	Post-acquisition spectral stitching. An alternative approach for data processing in untargeted metabolomics by UHPLC-ESI(â^)-HRMS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1047, 106-114.	2.3	4
44	The LCâ€“MS-based metabolomics of hydroxytyrosol administration in rats reveals amelioration of the metabolic syndrome. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1041-1042, 45-59.	2.3	27
45	6-bromo-indirubin-3â€²-oxime (6BIO), a Glycogen synthase kinase-3Î² inhibitor, activates cytoprotective cellular modules and suppresses cellular senescence-mediated biomolecular damage in human fibroblasts. Scientific Reports, 2017, 7, 11713.	3.3	33
46	Assessment of the antioxidant activity of an olive oil total polyphenolic fraction and hydroxytyrosol from a Greek Olea europea variety in endothelial cells and myoblasts. International Journal of Molecular Medicine, 2017, 40, 703-712.	4.0	60
47	Isolation of natural products with anti-ageing activity from the fruits of Platanus orientalis. Phytomedicine, 2017, 33, 53-61.	5.3	23
48	Milder degenerative effects of Carfilzomib vs. Bortezomib in the Drosophila model: a link to clinical adverse events. Scientific Reports, 2017, 7, 17802.	3.3	17
49	Anti-Melanogenic Properties of Greek Plants. A Novel Depigmenting Agent from Morus alba Wood. Molecules, 2017, 22, 514.	3.8	57
50	Discovery of New Aminosubstituted Pyrrolopyrimidines with Antiproliferative Activity Against Breast Cancer Cells and Investigation of their Effect Towards the PI3KÎ± Enzyme. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 990-1002.	1.7	3
51	Bio-Guided Isolation of Methanol-Soluble Metabolites of Common Spruce (Picea abies) Bark by-Products and Investigation of Their Dermo-Cosmetic Properties. Molecules, 2016, 21, 1586.	3.8	35
52	A novel bioanalytical method based on UHPLCâ€HRMS/MS for the quantification of oleuropein in human serum. Application to a pharmacokinetic study. Biomedical Chromatography, 2016, 30, 2016-2023.	1.7	10
53	The leishmanicidal activity of oleuropein is selectively regulated through inflammation- and oxidative stress-related genes. Parasites and Vectors, 2016, 9, 441.	2.5	41
54	Discovery and Optimization of a Selective Ligand for the Switch/Sucrose Nonfermenting-Related Bromodomains of Polybromo Protein-1 by the Use of Virtual Screening and Hydration Analysis. Journal of Medicinal Chemistry, 2016, 59, 8787-8803.	6.4	41

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55	The discovery of new cytotoxic pyrazolopyridine derivatives. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5229-5233.	2.2	11
56	Quality profile determination of Chios mastic gum essential oil and detection of adulteration in mastic oil products with the application of chiral and non-chiral GCâ€“MS analysis. FÃ¬toterapÃ¬Ã¢, 2016, 114, 12-17.	2.2	20
57	Bioactivity-guided identification of antimicrobial metabolites in Alnus glutinosa bark and optimization of oregonin purification by Centrifugal Partition Chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1029-1030, 121-127.	2.3	23
58	In Vitro Dermo-Cosmetic Evaluation of Bark Extracts from Common Temperate Trees. Planta Medica, 2016, 82, 1351-1358.	1.3	33
59	Synthesis and Pharmacological Evaluation of Novel Adenineâ€“Hydrogen Sulfide Slow Release Hybrids Designed as Multitarget Cardioprotective Agents. Journal of Medicinal Chemistry, 2016, 59, 1776-1790.	6.4	26
60	A single-step isolation of squalene from olive oil deodorizer distillates by using centrifugal partition chromatography. Separation Science and Technology, 2016, 51, 830-835.	2.5	11
61	From Drug Screening to Target Deconvolution: a Target-Based Drug Discovery Pipeline Using Leishmania Casein Kinase 1 Isoform 2 To Identify Compounds with Antileishmanial Activity. Antimicrobial Agents and Chemotherapy, 2016, 60, 2822-2833.	3.2	45
62	Estrogenic activity of isoflavonoids from the stem bark of the tropical tree Amphimas pterocarpoides , a source of traditional medicines. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 138-148.	2.5	8
63	Optimization of parameters affecting signal intensity in an LTQ-orbitrap in negative ion mode: A design of experiments approach. Talanta, 2016, 147, 402-409.	5.5	16
64	Development of a Sustainable Procedure for the Recovery of Hydroxytyrosol from Table Olive Processing Wastewater Using Adsorption Resin Technology and Centrifugal Partition Chromatography. Planta Medica, 2015, 81, 1621-1627.	1.3	15
65	Phytochemical Profile of the Aerial Parts of Sedum sediforme and Anti-inflammatory Activity of Myricitrin. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	7
66	Screening of Panamanian Plants for Cosmetic Properties, and HPLC-Based Identification of Constituents with Antioxidant and UV-B Protecting Activities. Scientia Pharmaceutica, 2015, 83, 177-190.	2.0	8
67	Employment of High-Performance Thin-Layer Chromatography for the Quantification of Oleuropein in Olive Leaves and the Selection of a Suitable Solvent System for Its Isolation with Centrifugal Partition Chromatography. Planta Medica, 2015, 81, 1628-1635.	1.3	10
68	UHPLC-DAD-FLD and UHPLC-HRMS/MS based metabolic profiling and characterization of different Olea europaea organs of Koroneiki and Chetoui varieties. Phytochemistry Letters, 2015, 11, 424-439.	1.2	65
69	NMR-Based Metabolomic Study on Isatis tinctoria: Comparison of Different Accessions, Harvesting Dates, and the Effect of Repeated Harvesting. Journal of Natural Products, 2015, 78, 977-986.	3.0	11
70	The Natural Olive Constituent Oleuropein Induces Nutritional Cardioprotection in Normal and Cholesterol-Fed Rabbits: Comparison with Preconditioning. Planta Medica, 2015, 81, 655-663.	1.3	20
71	Effects of the Olive Tree Leaf Constituents on Myocardial Oxidative Damage and Atherosclerosis. Planta Medica, 2015, 81, 648-654.	1.3	36
72	Prevention of False-Positive Results: Development of an HPTLC Autographic Assay for the Detection of Natural Tyrosinase Inhibitors. Planta Medica, 2015, 81, 1198-1204.	1.3	35

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73	An evaluation of indirubin analogues as phosphorylase kinase inhibitors. Journal of Molecular Graphics and Modelling, 2015, 61, 231-242.	2.4	11
74	Hexapeptide-11 is a novel modulator of the proteostasis network in human diploid fibroblasts. Redox Biology, 2015, 5, 205-215.	9.0	23
75	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
76	Erythroidine Alkaloids: A Novel Class of Phytoestrogens. Planta Medica, 2014, 80, 861-869.	1.3	23
77	Safety assessment of the methanol extract of the stem bark of Amphimas pterocarpoides Harms: Acute and subchronic oral toxicity studies in Wistar rats. Toxicology Reports, 2014, 1, 877-884.	3.3	25
78	An inhibitor-driven study for enhancing the selectivity of indirubin derivatives towards leishmanial Glycogen Synthase Kinase-3 over leishmanial cdc2-related protein kinase 3. Parasites and Vectors, 2014, 7, 234.	2.5	33
79	Oleuropein as a bioactive constituent added in milk and yogurt. Food Chemistry, 2014, 158, 319-324.	8.2	25
80	Investigation of Volatile Constituents of Beer, Using Resin Adsorption and GC/MS, and Correlation of 2-(3H)-Benzoxazolone with Wheat Malt. Journal of the American Society of Brewing Chemists, 2013, 71, 35-40.	1.1	4
81	Correction: New Concepts, Experimental Approaches, and Dereplication Strategies for the Discovery of Novel Phytoestrogens from Natural Sources. Planta Medica, 2013, 79, E1-E1.	1.3	1
82	Development of a green extraction procedure with super/subcritical fluids to produce extracts enriched in oleuropein from olive leaves. Journal of Supercritical Fluids, 2012, 67, 89-93.	3.2	87
83	(WO2011057959) Indole and indazole derivatives as glycogen synthase activators: a patent evaluation. Expert Opinion on Therapeutic Patents, 2011, 21, 1925-1929.	5.0	5
84	Effects of Sideritis euboea (Lamiaceae) Aqueous Extract on IL-6, OPG and RANKL Secretion by Osteoblasts. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	8
85	Dammarane Triterpenes from Gardenia aubryi <scp>Vieill</scp>.. Helvetica Chimica Acta, 2011, 94, 656-661.	1.6	6
86	Chemical investigation and antimicrobial properties of mastic water and its major constituents. Food Chemistry, 2011, 129, 907-911.	8.2	36
87	Phytochemical Investigation and Anticonvulsant Activity of Paeonia parnassica Radix. Natural Product Communications, 2007, 2, 1934578X0700200.	0.5	1
88	The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review. Environmental Chemistry Letters, 2006, 4, 159-174.	16.2	24
89	Chemical Constituents fromCroton insularis. Helvetica Chimica Acta, 2005, 88, 2654-2660.	1.6	29
90	Polyphenols compounds from red grapes acutely improve endothelial function in patients with coronary heart disease. European Journal of Cardiovascular Prevention and Rehabilitation, 2005, 12, 596-600.	2.8	17

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91	Antifungal Activity of Secondary Metabolites of Centaurea raphanina ssp. mixta, Growing Wild in Greece. Pharmaceutical Biology, 2003, 41, 266-270.	2.9	34
92	Effects of the Flavonoid Pilloin Isolated from Marrubium cylleneum on Mitogen-Induced Lymphocyte Transformation. Pharmaceutical Biology, 2002, 40, 245-248.	2.9	17
93	Chemistry of Plants from Crete: Stachyspinoside, a New Flavonoid Glycoside And iridoids fromStachys spinosa. Natural Product Research, 2001, 15, 377-386.	0.4	30
94	Three New Dihydroisocoumarins from the Greek Endemic SpeciesScorzoneracretica1. Journal of Natural Products, 2001, 64, 1585-1587.	3.0	68
95	Hydrolyzable Tannins, the Active Constituents of Three Greek Cytinus Taxa against Several Tumor Cell Lines.. Biological and Pharmaceutical Bulletin, 2001, 24, 707-709.	1.4	28
96	Design and synthesis of some new pyranoxanthenones with cytotoxic activity. Journal of Heterocyclic Chemistry, 2001, 38, 147-152.	2.6	8
97	Megistolactone, a New Alkaloid from Sarcomelicope megistophylla. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 874-876.	1.4	4
98	Verbaspinoside, a New Iridoid Glycoside fromVerbascum spinosum1. Journal of Natural Products, 1999, 62, 342-344.	3.0	34
99	Antibacterial Labdane-type Diterpenes from the Resin â€œLadanoâ€•ofCistus creticus Subsp. creticus. Natural Product Research, 1998, 11, 173-179.	0.4	15
100	Sarcomegistine, a New Dihydrofuroquinoline Alkaloid fromSarcomelicope megistophylla1. Natural Product Research, 1995, 5, 281-287.	0.4	16
101	New Alkaloids fromSarcomelicope dogniensis¹. Natural Product Research, 1995, 7, 219-225.	0.4	14