

Alexios-Leandros Skaltsounis

List of Publications by Year in descending order

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101
papers

2,027
citations

218592

26
h-index

345118

36
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102
all docs

102
docs citations

102
times ranked

3531
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a green extraction procedure with super/subcritical fluids to produce extracts enriched in oleuropein from olive leaves. <i>Journal of Supercritical Fluids</i> , 2012, 67, 89-93.	1.6	87
2	Three New Dihydroisocoumarins from the Greek Endemic Species <i>Scorzonera cretica</i> 1. <i>Journal of Natural Products</i> , 2001, 64, 1585-1587.	1.5	68
3	UHPLC-DAD-FLD and UHPLC-HRMS/MS based metabolic profiling and characterization of different <i>Olea europaea</i> organs of Koroneiki and Chetoui varieties. <i>Phytochemistry Letters</i> , 2015, 11, 424-439.	0.6	65
4	Assessment of the antioxidant activity of an olive oil total polyphenolic fraction and hydroxytyrosol from a Greek <i>Olea europea</i> variety in endothelial cells and myoblasts. <i>International Journal of Molecular Medicine</i> , 2017, 40, 703-712.	1.8	60
5	Anti-Melanogenic Properties of Greek Plants. A Novel Depigmenting Agent from <i>Morus alba</i> Wood. <i>Molecules</i> , 2017, 22, 514.	1.7	57
6	From Drug Screening to Target Deconvolution: a Target-Based Drug Discovery Pipeline Using <i>Leishmania</i> Casein Kinase 1 Isoform 2 To Identify Compounds with Antileishmanial Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2822-2833.	1.4	45
7	The leishmanicidal activity of oleuropein is selectively regulated through inflammation- and oxidative stress-related genes. <i>Parasites and Vectors</i> , 2016, 9, 441.	1.0	41
8	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. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8787-8803.	2.9	41
9	An integrated process for the recovery of high added-value compounds from olive oil using solid support free liquid-liquid extraction and chromatography techniques. <i>Journal of Chromatography A</i> , 2017, 1491, 126-136.	1.8	41
10	Selective cytotoxicity of the herbal substance acteoside against tumor cells and its mechanistic insights. <i>Redox Biology</i> , 2018, 16, 169-178.	3.9	37
11	Chemical investigation and antimicrobial properties of mastic water and its major constituents. <i>Food Chemistry</i> , 2011, 129, 907-911.	4.2	36
12	Effects of the Olive Tree Leaf Constituents on Myocardial Oxidative Damage and Atherosclerosis. <i>Planta Medica</i> , 2015, 81, 648-654.	0.7	36
13	Prevention of False-Positive Results: Development of an HPTLC Autographic Assay for the Detection of Natural Tyrosinase Inhibitors. <i>Planta Medica</i> , 2015, 81, 1198-1204.	0.7	35
14	Bio-Guided Isolation of Methanol-Soluble Metabolites of Common Spruce (<i>Picea abies</i>) Bark by-Products and Investigation of Their Dermo-Cosmetic Properties. <i>Molecules</i> , 2016, 21, 1586.	1.7	35
15	Verbaspinoside, a New Iridoid Glycoside from <i>Verbascum spinosum</i> 1. <i>Journal of Natural Products</i> , 1999, 62, 342-344.	1.5	34
16	Antifungal Activity of Secondary Metabolites of <i>Centaurea raphanina</i> ssp. <i>mixta</i> , Growing Wild in Greece. <i>Pharmaceutical Biology</i> , 2003, 41, 266-270.	1.3	34
17	An inhibitor-driven study for enhancing the selectivity of indirubin derivatives towards leishmanial Glycogen Synthase Kinase-3 over leishmanial cdc2-related protein kinase 3. <i>Parasites and Vectors</i> , 2014, 7, 234.	1.0	33
18	In Vitro Dermo-Cosmetic Evaluation of Bark Extracts from Common Temperate Trees. <i>Planta Medica</i> , 2016, 82, 1351-1358.	0.7	33

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19	6-bromo-indirubin-3-oxime (6BIO), a Glycogen synthase kinase-3 ^β inhibitor, activates cytoprotective cellular modules and suppresses cellular senescence-mediated biomolecular damage in human fibroblasts. <i>Scientific Reports</i> , 2017, 7, 11713.	1.6	33
20	Natural Alkaloids Intervening the Insulin Pathway: New Hopes for Anti-Diabetic Agents?. <i>Current Medicinal Chemistry</i> , 2019, 26, 5982-6015.	1.2	33
21	The olive constituent oleuropein, as a PPAR ^α agonist, markedly reduces serum triglycerides. <i>Journal of Nutritional Biochemistry</i> , 2018, 59, 17-28.	1.9	31
22	Chemistry of Plants from Crete: Stachyspinoside, a New Flavonoid Glycoside And iridoids from <i>Stachys spinosa</i> . <i>Natural Product Research</i> , 2001, 15, 377-386.	0.4	30
23	Chemical Constituents from <i>Croton insularis</i> . <i>Helvetica Chimica Acta</i> , 2005, 88, 2654-2660.	1.0	29
24	Hydrolyzable Tannins, the Active Constituents of Three Greek <i>Cytinus Taxa</i> against Several Tumor Cell Lines.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 707-709.	0.6	28
25	New semi-synthetic analogs of oleuropein show improved anticancer activity in <i>vitro</i> and in <i>vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 11-29.	2.6	27
26	The LC-MS-based metabolomics of hydroxytyrosol administration in rats reveals amelioration of the metabolic syndrome. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 45-59.	1.2	27
27	Identification of Novel Melanin Synthesis Inhibitors From <i>Crataegus pycnoloba</i> Using an in <i>Vivo</i> Zebrafish Phenotypic Assay. <i>Frontiers in Pharmacology</i> , 2018, 9, 265.	1.6	27
28	The Polyphenolic Composition of Extracts Derived from Different Greek Extra Virgin Olive Oils Is Correlated with Their Antioxidant Potency. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	27
29	Synthesis and Pharmacological Evaluation of Novel Adenine-Hydrogen Sulfide Slow Release Hybrids Designed as Multitarget Cardioprotective Agents. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1776-1790.	2.9	26
30	Safety assessment of the methanol extract of the stem bark of <i>Amphimas pterocarpoides</i> Harms: Acute and subchronic oral toxicity studies in Wistar rats. <i>Toxicology Reports</i> , 2014, 1, 877-884.	1.6	25
31	Oleuropein as a bioactive constituent added in milk and yogurt. <i>Food Chemistry</i> , 2014, 158, 319-324.	4.2	25
32	Rapid isolation and characterization of crocins, picrocrocin, and crocetin from saffron using centrifugal partition chromatography and LC-MS. <i>Journal of Separation Science</i> , 2018, 41, 4105-4114.	1.3	25
33	The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review. <i>Environmental Chemistry Letters</i> , 2006, 4, 159-174.	8.3	24
34	The Indirubin Derivative 6-Bromoindirubin-3-Oxime Activates Proteostatic Modules, Reprograms Cellular Bioenergetic Pathways, and Exerts Antiaging Effects. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1027-1047.	2.5	24
35	Natural and Nature-Derived Products Targeting Human Coronaviruses. <i>Molecules</i> , 2021, 26, 448.	1.7	24
36	Erythroidine Alkaloids: A Novel Class of Phytoestrogens. <i>Planta Medica</i> , 2014, 80, 861-869.	0.7	23

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37	Hexapeptide-11 is a novel modulator of the proteostasis network in human diploid fibroblasts. <i>Redox Biology</i> , 2015, 5, 205-215.	3.9	23
38	Bioactivity-guided identification of antimicrobial metabolites in <i>Alnus glutinosa</i> bark and optimization of oregonin purification by Centrifugal Partition Chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1029-1030, 121-127.	1.2	23
39	Isolation of natural products with anti-ageing activity from the fruits of <i>Platanus orientalis</i> . <i>Phytomedicine</i> , 2017, 33, 53-61.	2.3	23
40	Antioxidant effects of an olive oil total polyphenolic fraction from a Greek <i>Olea europaea</i> variety in different cell cultures. <i>Phytomedicine</i> , 2018, 47, 135-142.	2.3	23
41	The Natural Olive Constituent Oleuropein Induces Nutritional Cardioprotection in Normal and Cholesterol-Fed Rabbits: Comparison with Preconditioning. <i>Planta Medica</i> , 2015, 81, 655-663.	0.7	20
42	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 GC-MS analysis. <i>Food Chemistry</i> , 2016, 114, 12-17.	1.1	20
43	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.	1.9	19
44	Biomimetic Synthesis of Oleocanthal, Oleacein, and Their Analogues Starting from Oleuropein, A Major Compound of Olive Leaves. <i>Journal of Natural Products</i> , 2020, 83, 1735-1739.	1.5	19
45	Trans-crocin 4 is not hydrolyzed to crocetin following i.p. administration in mice, while it shows penetration through the blood brain barrier. <i>Food Chemistry</i> , 2018, 129, 62-72.	1.1	18
46	Effects of the Flavonoid Pilloin Isolated from <i>Marrubium cylleneum</i> on Mitogen-Induced Lymphocyte Transformation. <i>Pharmaceutical Biology</i> , 2002, 40, 245-248.	1.3	17
47	Polyphenols compounds from red grapes acutely improve endothelial function in patients with coronary heart disease. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 596-600.	3.1	17
48	Milder degenerative effects of Carfilzomib vs. Bortezomib in the <i>Drosophila</i> model: a link to clinical adverse events. <i>Scientific Reports</i> , 2017, 7, 17802.	1.6	17
49	Sarcomegistine, a New Dihydrofuroquinoline Alkaloid from <i>Sarcomelicope megistophylla</i> 1. <i>Natural Product Research</i> , 1995, 5, 281-287.	0.4	16
50	Optimization of parameters affecting signal intensity in an LTQ-orbitrap in negative ion mode: A design of experiments approach. <i>Talanta</i> , 2016, 147, 402-409.	2.9	16
51	Novel Natural Products for Healthy Ageing from the Mediterranean Diet and Food Plants of Other Global Sources – The MediHealth Project. <i>Molecules</i> , 2018, 23, 1097.	1.7	16
52	Antibacterial Labdane-type Diterpenes from the Resin of <i>Cistus creticus</i> Subsp. <i>creticus</i> . <i>Natural Product Research</i> , 1998, 11, 173-179.	0.4	15
53	Development of a Sustainable Procedure for the Recovery of Hydroxytyrosol from Table Olive Processing Wastewater Using Adsorption Resin Technology and Centrifugal Partition Chromatography. <i>Planta Medica</i> , 2015, 81, 1621-1627.	0.7	15
54	New Alkaloids from <i>Sarcomelicope dogniensis</i> . <i>Natural Product Research</i> , 1995, 7, 219-225.	0.4	14

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55	Could multivariate statistics exploit HPTLC and NMR data to reveal bioactive compounds? The case of <i>Paeonia mascula</i> . <i>Phytochemistry Letters</i> , 2017, 20, 379-385.	0.6	14
56	Alteration in the liver metabolome of rats with metabolic syndrome after treatment with Hydroxytyrosol. A Mass Spectrometry And Nuclear Magnetic Resonance - based metabolomics study. <i>Talanta</i> , 2018, 178, 246-257.	2.9	14
57	<i>Glycyrrhiza glabra</i> -Enhanced Extract and Adriamycin Antiproliferative Effect on PC-3 Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2020, 72, 320-332.	0.9	14
58	Acute administration of the olive constituent, oleuropein, combined with ischemic postconditioning increases myocardial protection by modulating oxidative defense. <i>Free Radical Biology and Medicine</i> , 2021, 166, 18-32.	1.3	14
59	A Three-Step, Gram-Scale Synthesis of Hydroxytyrosol, Hydroxytyrosol Acetate, and 3,4-Dihydroxyphenylglycol. <i>Molecules</i> , 2019, 24, 3239.	1.7	13
60	Silymarin Enriched Extract (<i>Silybum marianum</i>) Additive Effect on Doxorubicin-Mediated Cytotoxicity in PC-3 Prostate Cancer Cells. <i>Planta Medica</i> , 2019, 85, 997-1007.	0.7	12
61	NMR-Based Metabolomic Study on <i>Isatis tinctoria</i> : Comparison of Different Accessions, Harvesting Dates, and the Effect of Repeated Harvesting. <i>Journal of Natural Products</i> , 2015, 78, 977-986.	1.5	11
62	An evaluation of indirubin analogues as phosphorylase kinase inhibitors. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 61, 231-242.	1.3	11
63	The discovery of new cytotoxic pyrazolopyridine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5229-5233.	1.0	11
64	A single-step isolation of squalene from olive oil deodorizer distillates by using centrifugal partition chromatography. <i>Separation Science and Technology</i> , 2016, 51, 830-835.	1.3	11
65	A Biomimetic, One-Step Transformation of Simple Indolic Compounds to <i>Malassezia</i> -Related Alkaloids with High AhR Potency and Efficacy. <i>Chemical Research in Toxicology</i> , 2019, 32, 2238-2249.	1.7	11
66	Źlive tree blossom polyphenolic extracts exert antioxidant and antimutagenic activities in vitro and in various cell lines. <i>Oncology Reports</i> , 2019, 42, 2814-2825.	1.2	11
67	A novel UHPLC-HRMS-based metabolomics strategy enables the discovery of potential neuroactive metabolites in mice plasma, following i.p. administration of the main <i>Crocus sativus</i> L. bioactive component. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112878.	1.4	11
68	The indirubin derivative 6-bromoindirubin-3-yl-glycerol-oxime ether (6BIGOE) potently modulates inflammatory cytokine and prostaglandin release from human monocytes through GSK-3 interference. <i>Biochemical Pharmacology</i> , 2020, 180, 114170.	2.0	11
69	Oleuropein-Induced Acceleration of Cytochrome P450-Catalyzed Drug Metabolism: Central Role for Nuclear Receptor Peroxisome Proliferator-Activated Receptor α . <i>Drug Metabolism and Disposition</i> , 2021, 49, 833-843.	1.7	11
70	An enriched polyphenolic extract obtained from the by-product of <i>Rosa damascena</i> hydrodistillation activates antioxidant and proteostatic modules. <i>Phytomedicine</i> , 2021, 93, 153757.	2.3	11
71	Modulation of CYP1A1 and CYP1A2 Hepatic Enzymes after Oral Administration of Chios Mastic Gum to Male Wistar Rats. <i>PLoS ONE</i> , 2014, 9, e100190.	1.1	10
72	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. <i>Planta Medica</i> , 2015, 81, 1628-1635.	0.7	10

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73	A novel bioanalytical method based on UHPLC-MS/MS for the quantification of oleuropein in human serum. Application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2016, 30, 2016-2023.	0.8	10
74	Evaluation of Dual 5-Lipoxygenase/Microsomal Prostaglandin E2 Synthase-1 Inhibitory Effect of Natural and Synthetic Acronychia-Type Isoprenylated Acetophenones. <i>Journal of Natural Products</i> , 2017, 80, 699-706.	1.5	10
75	Indirubin derivatives are potent and selective anti- <i>Trypanosoma cruzi</i> agents. <i>Virulence</i> , 2018, 9, 1658-1668.	1.8	10
76	UHPLC-MS/MS-based tissue untargeted metabolomics study of naringin and hesperidin after dietary supplementation in chickens. <i>Food Chemistry</i> , 2018, 269, 276-285.	4.2	10
77	Antiseizure potential of the ancient Greek medicinal plant <i>Helleborus odorus</i> subsp. <i>cyclophyllus</i> and identification of its main active principles. <i>Journal of Ethnopharmacology</i> , 2020, 259, 112954.	2.0	10
78	Design and synthesis of some new pyranoxanthenones with cytotoxic activity. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 147-152.	1.4	8
79	Effects of <i>Sideritis euboea</i> (Lamiaceae) Aqueous Extract on IL-6, OPG and RANKL Secretion by Osteoblasts. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100601.	0.2	8
80	Screening of Panamanian Plants for Cosmetic Properties, and HPLC-Based Identification of Constituents with Antioxidant and UV-B Protecting Activities. <i>Scientia Pharmaceutica</i> , 2015, 83, 177-190.	0.7	8
81	Estrogenic activity of isoflavonoids from the stem bark of the tropical tree <i>Amphimas pterocarpoides</i> , a source of traditional medicines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 138-148.	1.2	8
82	Phytochemical Profile of the Aerial Parts of <i>Sedum sediforme</i> and Anti-inflammatory Activity of Myricitrin. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	7
83	Development of a Validated UHPLC-ESI (-)-MS/MS Methodology for the Simultaneous Quantitative Determination of Hesperidin, Hesperetin, Naringin, and Naringenin in Chicken Plasma. <i>Food Analytical Methods</i> , 2019, 12, 1187-1196.	1.3	7
84	Behavioral and Neurochemical Effects of Extra Virgin Olive Oil Total Phenolic Content and <i>Sideritis</i> Extract in Female Mice. <i>Molecules</i> , 2020, 25, 5000.	1.7	7
85	Drug delivery of 6-bromoindirubin-3- β -D-galactopyranoside-glycerol-oxime ether employing poly(D,L-lactide-co-glycolide)-based nanoencapsulation techniques with sustainable solvents. <i>Journal of Nanobiotechnology</i> , 2022, 20, 5.	4.2	7
86	Dammarane Triterpenes from <i>Gardenia aubryi</i> Vieill. <i>Helvetica Chimica Acta</i> , 2011, 94, 656-661.	1.0	6
87	The Combined Environmental Stress on the Leaves of <i>Olea europaea</i> L. and the Relief Mechanism Through Biosynthesis of Certain Secondary Metabolites. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1044-1059.	2.8	6
88	Design and Synthesis of New Substituted Pyrazolopyridines with Potent Antiproliferative Activity. <i>Medicinal Chemistry</i> , 2020, 16, 176-191.	0.7	6
89	Antioxidant and Neuroprotective Effect of a Grape Pomace Extract on Oxaliplatin-Induced Peripheral Neuropathy in Rats: Biochemical, Behavioral and Histopathological Evaluation. <i>Antioxidants</i> , 2022, 11, 1062.	2.2	6
90	(WO2011057959) Indole and indazole derivatives as glycogen synthase activators: a patent evaluation. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1925-1929.	2.4	5

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91	Indirubin Analogues Inhibit <i>Trypanosoma brucei</i> Glycogen Synthase Kinase 3 Short and <i>T. brucei</i> Growth. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	5
92	Discovering the Next-Generation Plant Protection Products: A Proof-of-Concept via the Isolation and Bioactivity Assessment of the Olive Tree Endophyte <i>Bacillus</i> sp. PTA13 Lipopeptides. <i>Metabolites</i> , 2021, 11, 833.	1.3	5
93	Megistolactone, a New Alkaloid from <i>Sarcomelicope megistophylla</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000, 55, 874-876.	0.6	4
94	Investigation of Volatile Constituents of Beer, Using Resin Adsorption and GC/MS, and Correlation of 2-(3H)-Benzoxazolone with Wheat Malt. <i>Journal of the American Society of Brewing Chemists</i> , 2013, 71, 35-40.	0.8	4
95	Post-acquisition spectral stitching. An alternative approach for data processing in untargeted metabolomics by UHPLC-ESI(+)HRMS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 106-114.	1.2	4
96	Development and Validation of a UPLC-ESI(-)MS/MS Methodology for the Simultaneous Quantification of Hesperidin, Naringin, and their Aglycones in Chicken Tissue Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 83-88.	0.7	3
97	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. <i>Nutrients</i> , 2021, 13, 354.	1.7	3
98	Discovery of New Aminosubstituted Pyrrolopyrimidines with Antiproliferative Activity Against Breast Cancer Cells and Investigation of their Effect Towards the PI3K α Enzyme. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 990-1002.	0.9	3
99	Effect of Supplementation with Olive Leaf Extract Enriched with Oleuropein on the Metabolome and Redox Status of Athletes' Blood and Urine: A Metabolomic Approach. <i>Metabolites</i> , 2022, 12, 195.	1.3	3
100	Phytochemical Investigation and Anticonvulsant Activity of <i>Paeonia parnassica</i> Radix. <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.2	1
101	Correction: New Concepts, Experimental Approaches, and Dereplication Strategies for the Discovery of Novel Phytoestrogens from Natural Sources. <i>Planta Medica</i> , 2013, 79, E1-E1.	0.7	1