

Fotini N Lamari

List of Publications by Year in descending order

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97
papers

3,325
citations

182225

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97
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97
docs citations

97
times ranked

4590
citing authors

#	ARTICLE	IF	CITATIONS
1	Permanent Make-Up (PMU) Inks Decolorization Using Plant Origin Materials. <i>Cosmetics</i> , 2022, 9, 48.	1.5	0
2	Ultrasound-Assisted Extraction of <i>Nannochloropsis oculata</i> with Ethanol and Betaine: 1,2-Propanediol Eutectic Solvent for Antioxidant Pigment-Rich Extracts Retaining Nutritious the Residual Biomass. <i>Antioxidants</i> , 2022, 11, 1103.	2.2	13
3	Total Phenolic Content, Biomass Composition, and Antioxidant Activity of Selected Marine Microalgal Species with Potential as Aquaculture Feed. <i>Antioxidants</i> , 2022, 11, 1320.	2.2	18
4	Evaluation of Essential Oils and Extracts of Rose Geranium and Rose Petals as Natural Preservatives in Terms of Toxicity, Antimicrobial, and Antiviral Activity. <i>Pathogens</i> , 2021, 10, 494.	1.2	34
5	Exploration of genetic, morphological and essential oil variation reveals tools for the authentication and breeding of <i>Salvia pomifera</i> subsp. <i>calycina</i> (Sm.) Hayek. <i>Phytochemistry</i> , 2021, 191, 112900.	1.4	7
6	Rosemary Extract and Essential Oil as Drink Ingredients: An Evaluation of Their Chemical Composition, Genotoxicity, Antimicrobial, Antiviral, and Antioxidant Properties. <i>Foods</i> , 2021, 10, 3143.	1.9	20
7	Quality Traits, Volatile Organic Compounds, and Expression of Key Flavor Genes in Strawberry Genotypes over Harvest Period. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13499.	1.8	10
8	Ethnopharmacological survey of medicinal plants traded in herbal markets in the Peloponnisos, Greece. <i>Journal of Herbal Medicine</i> , 2020, 19, 100305.	1.0	27
9	Effect of rutin on anxiety-like behavior and activity of acetylcholinesterase isoforms in specific brain regions of pentylenetetrazol-treated mice. <i>Epilepsy and Behavior</i> , 2020, 102, 106632.	0.9	16
10	Variability in Bulb Organosulfur Compounds, Sugars, Phenolics, and Pyruvate among Greek Garlic Genotypes: Association with Antioxidant Properties. <i>Antioxidants</i> , 2020, 9, 967.	2.2	9
11	The role of carbohydrate counting in glycemic control and oxidative stress in patients with type 1 diabetes mellitus (T1DM). <i>Hormones</i> , 2020, 19, 433-438.	0.9	4
12	Metabolomic fingerprinting and genetic discrimination of four <i>Hypericum</i> taxa from Greece. <i>Phytochemistry</i> , 2020, 174, 112290.	1.4	20
13	Polymeric Nanoparticles of <i>Pistacia lentiscus</i> var. <i>chia</i> Essential Oil for Cutaneous Applications. <i>Pharmaceutics</i> , 2020, 12, 353.	2.0	18
14	Morphological, genetic and essential oil variation of Greek sage (<i>Salvia fruticosa</i> Mill.) populations from Greece. <i>Industrial Crops and Products</i> , 2020, 150, 112346.	2.5	18
15	Effect of Plant Extracts on the Characteristics of Silver Nanoparticles for Topical Application. <i>Pharmaceutics</i> , 2020, 12, 1244.	2.0	32
16	Anatomical Characterization and UHPLC-MS Analysis of <i>Hypericum vesiculosum</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 416-422.	0.6	1
17	Plasma Beta-Glucuronidase Activity: A Novel Tool to Distinguish Type 1 from Type 2 Amiodarone-Induced Thyrotoxicosis?. <i>European Thyroid Journal</i> , 2019, 8, 215-220.	1.2	7
18	Phenotypic characterization and quality traits of Greek garlic (<i>Allium sativum</i> L.) germplasm cultivated at two different locations. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1671-1689.	0.8	14

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19	Physical and chemical quality characteristics and antioxidant properties of strawberry cultivars (<i>Fragaria</i> – <i>Ananassa</i> Duch.) in Greece: assessment of their sensory impact. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4065-4073.	1.7	30
20	Phytochemical and genetic characterization of styles of wild <i>Crocus</i> species from the island of Crete, Greece and comparison to those of cultivated <i>C. sativus</i> . <i>Food Research International</i> , 2018, 130, 225-233.	1.1	4
21	Saffron (<i>Crocus sativus</i> L.) Tea Intake Prevents Learning/Memory Defects and Neurobiochemical Alterations Induced by Aflatoxin B1 Exposure in Adult Mice. <i>Neurochemical Research</i> , 2017, 42, 2743-2754.	1.6	29
22	Optimized and Validated HPLC Analysis of St. John's Wort Extract and Final Products by Simultaneous Determination of Major Ingredients. <i>Journal of Chromatographic Science</i> , 2017, 55, 805-812.	0.7	12
23	Effect of acidic and enzymatic pretreatment on the analysis of mountain tea (<i>Sideritis</i> spp.) volatiles via distillation and ultrasound-assisted extraction. <i>Journal of Chromatography A</i> , 2017, 1524, 290-297.	1.8	15
24	Berry Leaves: An Alternative Source of Bioactive Natural Products of Nutritional and Medicinal Value. <i>Antioxidants</i> , 2016, 5, 17.	2.2	122
25	Quercetin glycosides and chlorogenic acid in highbush blueberry leaf decoction prevent cataractogenesis <i>in vivo</i> and <i>in vitro</i> : Investigation of the effect on calpains, antioxidant and metal chelating properties. <i>Experimental Eye Research</i> , 2016, 145, 258-268.	1.2	35
26	Rosemary tea consumption results to anxiolytic- and anti-depressant-like behavior of adult male mice and inhibits all cerebral area and liver cholinesterase activity; phytochemical investigation and <i>in silico</i> studies. <i>Chemico-Biological Interactions</i> , 2015, 237, 47-57.	1.7	48
27	Cerebral Area Differential Redox Response of Neonatal Rats to Selenite-Induced Oxidative Stress and to Concurrent Administration of Highbush Blueberry Leaf Polyphenols. <i>Neurochemical Research</i> , 2015, 40, 2280-2292.	1.6	12
28	Quantitation of Crocins and Picrocrocin in Saffron by HPLC: Application to Quality Control and Phytochemical Differentiation from Other <i>Crocus</i> Taxa. <i>Planta Medica</i> , 2015, 81, 606-612.	0.7	17
29	Validated Capillary Electrophoretic Assays for Disaccharide Composition Analysis of Galactosaminoglycans in Biologic Samples and Drugs/Nutraceuticals. <i>Methods in Molecular Biology</i> , 2015, 1229, 129-141.	0.4	1
30	Saffron Safety in Humans: Lessons from the Animal and Clinical Studies. , 2015, 04, .		1
31	Different extraction methodologies and their influence on the bioactivity of the wild edible mushroom <i>Laetiporus sulphureus</i> (Bull.) Murrill. <i>Food and Function</i> , 2014, 5, 2948-2960.	2.1	28
32	Zn(II)/pyridyloxime complexes as potential reactivators of OP-inhibited acetylcholinesterase: <i>In vitro</i> and docking simulation studies. <i>Journal of Inorganic Biochemistry</i> , 2014, 134, 12-19.	1.5	2
33	Phytochemical composition of "mountain tea" from <i>Sideritis clandestina</i> subsp. <i>clandestina</i> and evaluation of its behavioral and oxidant/antioxidant effects on adult mice. <i>European Journal of Nutrition</i> , 2013, 52, 107-116.	1.8	31
34	Investigation of the neuroprotective action of saffron (<i>Crocus sativus</i> L.) in aluminum-exposed adult mice through behavioral and neurobiochemical assessment. <i>Food and Chemical Toxicology</i> , 2013, 52, 163-170.	1.8	88
35	Olive Leaf Extracts Are a Natural Source of Advanced Glycation End Product Inhibitors. <i>Journal of Medicinal Food</i> , 2013, 16, 817-822.	0.8	46
36	Simultaneous determination of allantoin and glycolic acid in snail mucus and cosmetic creams with high performance liquid chromatography and ultraviolet detection. <i>Journal of Chromatography A</i> , 2013, 1322, 49-53.	1.8	39

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37	Protective mechanisms against oxidative stress and angiopathy in young patients with diabetes type 1 (DM1). <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2013, 26, 309-17.	0.4	8
38	In Search of a "Natural" Treatment of Cataract. , 2013, 02, .		0
39	Saffron administration prevents selenite-induced cataractogenesis. <i>Molecular Vision</i> , 2013, 19, 1188-97.	1.1	31
40	Structure-activity studies of IGnRH-III through rational amino acid substitution and NMR conformational studies. <i>Biopolymers</i> , 2012, 98, 525-534.	1.2	10
41	Cell-Line Specific Protection by Berry Polyphenols Against Hydrogen Peroxide Challenge and Lack of Effect on Metabolism of Amyloid Precursor Protein. <i>Phytotherapy Research</i> , 2012, 26, 956-963.	2.8	8
42	Saffron as a Source of Novel Acetylcholinesterase Inhibitors: Molecular Docking and in Vitro Enzymatic Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6131-6138.	2.4	143
43	Wild blueberry (<i>V. angustifolium</i>)-enriched diets alter aortic glycosaminoglycan profile in the spontaneously hypertensive rat. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 961-965.	1.9	13
44	Crocetin Inhibits Invasiveness of MDA-MB-231 Breast Cancer Cells via Downregulation of Matrix Metalloproteinases. <i>Planta Medica</i> , 2011, 77, 146-151.	0.7	83
45	Memory enhancing effects of saffron in aged mice are correlated with antioxidant protection. <i>Behavioural Brain Research</i> , 2011, 219, 197-204.	1.2	175
46	A new validated SPE-HPLC method for monitoring crocetin in human plasma-Application after saffron tea consumption. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 563-568.	1.4	50
47	Heparan sulfate: biological significance, tools for biochemical analysis and structural characterization. <i>Biomedical Chromatography</i> , 2011, 25, 11-20.	0.8	28
48	Enzymatic stability, solution structure, and antiproliferative effect on prostate cancer cells of leuprolide and new gonadotropin-releasing hormone peptide analogs. <i>Biopolymers</i> , 2011, 96, 260-272.	1.2	16
49	Differential Antioxidant Effects of Consuming Tea from <i>Sideritis clandestina</i> subsp. <i>peloponnesiaca</i> on Cerebral Regions of Adult Mice. <i>Journal of Medicinal Food</i> , 2011, 14, 1060-1064.	0.8	15
50	Tear analysis of ascorbic acid, uric acid and malondialdehyde with capillary electrophoresis. <i>Biomedical Chromatography</i> , 2010, 24, 852-857.	0.8	27
51	Effect of a polyphenol-rich wild blueberry extract on cognitive performance of mice, brain antioxidant markers and acetylcholinesterase activity. <i>Behavioural Brain Research</i> , 2009, 198, 352-358.	1.2	209
52	Wild Blueberry (<i>V. angustifolium</i>) Consumption Alters the Composition and Structure of Glycosaminoglycans (GAGs) in Spontaneously Hypertensive Rats (SHR). <i>FASEB Journal</i> , 2009, 23, 230.7.	0.2	0
53	Arabino-Galactan Proteins from <i>Pistacia lentiscus</i> var. <i>chia</i> : isolation, characterization and biological function. <i>Amino Acids</i> , 2008, 34, 413-420.	1.2	17
54	Capillary electrophoresis for the quality control of chondroitin sulfates in raw materials and formulations. <i>Analytical Biochemistry</i> , 2008, 374, 213-220.	1.1	58

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55	GnRH analogues containing conformationally restricted amino acids in positions 3 and 6: differential impact on pituitary binding affinity and direct antiproliferative effect on breast cancer cells. <i>Chemical Biology and Drug Design</i> , 2008, 66, 57-64.	1.2	12
56	The Potential of Chondroitin Sulfate as a Therapeutic Agent. <i>Connective Tissue Research</i> , 2008, 49, 289-292.	1.1	21
57	Crocetin alters the gene expression pattern of metalloproteinases and their inhibitors in breast cancer cells MDA-MB-231. <i>Planta Medica</i> , 2008, 74, .	0.7	1
58	Hyaluronan Determination: Biological Significance & Analytical Tools. <i>Current Pharmaceutical Analysis</i> , 2007, 3, 117-128.	0.3	8
59	Synthesis and Biological Evaluation of New GnRH Analogues on Pituitary and Breast Cancer Cells. <i>International Journal of Peptide Research and Therapeutics</i> , 2007, 13, 143-149.	0.9	3
60	Inhibition of breast cancer cell proliferation by style constituents of different Crocus species. <i>Anticancer Research</i> , 2007, 27, 357-62.	0.5	102
61	Inhibitory Activity on Amyloid- β^2 Aggregation and Antioxidant Properties of Crocus sativus Stigmas Extract and Its Crocin Constituents. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8762-8768.	2.4	291
62	Structure of Chondroitin Sulfate. <i>Advances in Pharmacology</i> , 2006, 53, 33-48.	1.2	54
63	Wild blueberry (<i>Vaccinium angustifolium</i>) consumption affects the composition and structure of glycosaminoglycans in Sprague-Dawley rat aorta. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 109-116.	1.9	29
64	Dietary manganese affects the concentration, composition and sulfation pattern of heparan sulfate glycosaminoglycans in Sprague-Dawley rat aorta. <i>BioMetals</i> , 2006, 19, 535-546.	1.8	8
65	Expression of TNF- α , IL-1 β , and IFN- γ in Staphylococcus epidermidis slime-positive experimental endophthalmitis is closely related to clinical inflammatory scores. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 1322-1328.	1.0	38
66	Metabolism and biochemical/physiological roles of chondroitin sulfates: analysis of endogenous and supplemental chondroitin sulfates in blood circulation. <i>Biomedical Chromatography</i> , 2006, 20, 539-550.	0.8	45
67	Gonadotropin-releasing hormone analogues alter gene expression of metalloproteinases and their tissue inhibitors in human breast cancer epithelial cells. <i>Anticancer Research</i> , 2006, 26, 4615-21.	0.5	4
68	Synthesis and study of the electrophoretic behavior of mannan conjugates with cyclic peptide analogue of myelin basic protein using lysine-glycine linker. <i>Analytical Biochemistry</i> , 2005, 347, 121-128.	1.1	28
69	Determination of carbendazim, thiabendazole, and o-phenylphenol residues in lemons by HPLC following sample clean-up by ion-pairing. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 458-463.	1.9	43
70	Potential use of solid phase immunoassays in the diagnosis of coagulase-negative staphylococcal infections. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 34, 803-810.	1.4	7
71	Analysis of carbendazim and thiabendazole in lemons by CE-DAD. <i>Chromatographia</i> , 2003, 57, 181-184.	0.7	19
72	Capillary electrophoresis and enzyme solid phase assay for examining the purity of a synthetic heparin proteoglycan-like conjugate and identifying binding to basic fibroblast growth factor. <i>Biomedical Chromatography</i> , 2003, 17, 42-47.	0.8	9

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73	Capillary electrophoresis: a tool for studying interactions of glycans/proteoglycans with growth factors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 823-828.	1.4	31
74	Derivatization of carbohydrates for chromatographic, electrophoretic and mass spectrometric structure analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 793, 15-36.	1.2	223
75	Large matrix proteoglycans, versican and perlecan, are expressed and secreted by human leukemic monocytes. <i>Anticancer Research</i> , 2003, 23, 3303-9.	0.5	34
76	Determination of twelve heparin- and heparan sulfate-derived disaccharides as 2-aminoacridone derivatives by capillary zone electrophoresis using ultraviolet and laser-induced fluorescence detection. <i>Electrophoresis</i> , 2002, 23, 1104-1109.	1.3	89
77	Identification of α and β chains of the major immunoglobulin G subclasses by capillary zone electrophoresis. <i>Biomedical Chromatography</i> , 2002, 16, 234-236.	0.8	8
78	A capillary zone electrophoresis method for determining N-acetylneuraminic acid in glycoproteins and blood sera. <i>Biomedical Chromatography</i> , 2002, 16, 146-150.	0.8	16
79	Analysis of glycosaminoglycan-derived disaccharides in biologic samples by capillary electrophoresis and protocol for sequencing glycosaminoglycans. <i>Biomedical Chromatography</i> , 2002, 16, 95-102.	0.8	52
80	Structure analysis of lipoglycans and lipoglycan-derived carbohydrates by capillary electrophoresis and mass spectrometry. <i>Biomedical Chromatography</i> , 2002, 16, 116-126.	0.8	11
81	Levels of specific antibodies towards the major antigenic determinant of slime-producing <i>Staphylococcus epidermidis</i> determined by an enzyme immunoassay and their protective effect in experimental keratitis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 255-262.	1.4	7
82	Separation methods for sialic acids and critical evaluation of their biologic relevance. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 781, 3-19.	1.2	48
83	Capillary electrophoresis: a superior miniaturized tool for analysis of the mono-, di-, and oligosaccharide constituents of glycan moieties in proteoglycans. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 157-167.	1.5	17
84	Increased aqueous humor basic fibroblast growth factor and hyaluronan levels in relation to the exfoliation syndrome and exfoliative glaucoma. <i>Acta Ophthalmologica</i> , 2001, 79, 572-575.	0.4	33
85	Identification of oligomeric domains within dermatan sulfate chains using differential enzymic treatments, derivatization with 2-aminoacridone and capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 2458-2463.	1.3	35
86	Microemulsion electrokinetic capillary chromatography of sulfated disaccharides derived from glycosaminoglycans. <i>Electrophoresis</i> , 2001, 22, 2743-2745.	1.3	19
87	Capillary electrophoretic analysis of brimonidine in aqueous humor of the eye and blood sera and relation of its levels with intraocular pressure. <i>Biomedical Chromatography</i> , 2000, 14, 301-305.	0.8	22
88	Monitoring of two intravenous immunoglobulin preparations for immunoglobulin G subclasses and specific antibodies to bacterial surface antigens and relation with their levels in treated immunodeficient patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 1029-1036.	1.4	27
89	Determination of slime-producing <i>S. epidermidis</i> specific antibodies in human immunoglobulin preparations and blood sera by an enzyme immunoassay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 363-374.	1.4	21
90	Immunochemical-based assays in the bioanalysis of immunoglobulins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 939-946.	1.4	7

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91	HIGH PERFORMANCE CAPILLARY ELECTROPHORESIS AS A POWERFUL ANALYTICAL TOOL OF GLYCOCONJUGATES. Journal of Liquid Chromatography and Related Technologies, 1999, 22, 1295-1317.	0.5	19
92	Ultrasensitive capillary electrophoresis of sulfated disaccharides in chondroitin/dermatan sulfates by laser-induced fluorescence after derivatization with 2-aminoacridone. Biomedical Applications, 1999, 730, 129-133.	1.7	62
93	An enzyme immunoassay to determine the levels of specific antibodies toward bacterial surface antigens in human immunoglobulin preparations and blood serum. Journal of Pharmaceutical and Biomedical Analysis, 1999, 20, 913-920.	1.4	24
94	Development of an hplc method for determining the alpha2-adrenergic receptor agonist brimonidine in blood serum and aqueous humor of the eye. , 1999, 13, 86-88.		27
95	State-of-the-art of capillary electrophoresis with application to the area of glycoconjugates. , 1999, 13, 501-506.		24
96	Profiling of the eye aqueous humor in exfoliation syndrome by high-performance liquid chromatographic analysis of hyaluronan and galactosaminoglycans. Biomedical Applications, 1998, 709, 173-178.	1.7	26
97	Exploring the Potential of Natural Products in Cancer Treatment. , 0, , 1-16.		2