Marcello Locatelli

List of Publications by Year
in descending order

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Version: 2024-02-01

211	6,827	50170	85405
papers	citations	46 h-index	71 g-index

215	215	215	7090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of deep eutectic solvents in analytical chemistry. A review. Microchemical Journal, 2017, 135, 33-38.	2.3	442
2	Cytotoxic and Enzyme Inhibitory Potential of Two Potentilla species (P. speciosa L. and P. reptans) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	265
3	In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of Potentilla thuringiaca. Phytochemistry Letters, 2017, 20, 365-372.	0.6	261
4	Enzyme-assisted extractions of polyphenols â€“ A comprehensive review. Trends in Food Science and Technology, 2019, 88, 302-315.	7.8	160
5	Glucosamine oral bioavailability and plasma pharmacokinetics after increasing doses of crystalline glucosamine sulfate in man. Osteoarthritis and Cartilage, 2005, 13, 1041-1049.	0.6	143
6	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. Colloids and Surfaces B: Biointerfaces, 2013, 112, 548-553.	2.5	122
7	Recent Trends in Microextraction Techniques Employed in Analytical and Bioanalytical Sample Preparation. Separations, 2017, 4, 36.	1.1	120
8	Anti-diabetic and anti-hyperlipidemic properties of Capparis spinosa L.: In vivo and in vitro evaluation of its nutraceutical potential. Journal of Functional Foods, 2017, 35, 32-42.	1.6	113
9	Synovial and plasma glucosamine concentrations in osteoarthritic patients following oral crystalline glucosamine sulphate at therapeutic dose. Osteoarthritis and Cartilage, 2007, 15, 764-772.	0.6	110
10	Crocus sativus L. stigmas and byproducts: Qualitative fingerprint, antioxidant potentials and enzyme inhibitory activities. Food Research International, 2018, 109, 91-98.	2.9	109
11	Screening of in vitro antioxidant and enzyme inhibitory activities of different extracts from two uninvestigated wild plants: Centranthus longiflorus subsp. longiflorus and Cerinthe minor subsp. auriculata. European Journal of Integrative Medicine, 2016, 8, 286-292.	0.8	99
12	Chromatographic Analyses, In Vitro Biological Activities, and Cytotoxicity of Cannabis sativa L. Essential Oil: A Multidisciplinary Study. Molecules, 2018, 23, 3266.	1.7	99
13	Chemical composition and biological activities of extracts from three Salvia species: S. blepharochlaena, S. euphratica var. leiocalycina, and S. verticillata subsp. amasiaca. Industrial Crops and Products, 2018, 111, 11-21.	2.5	89
14	UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (Lycium barbarum L.) berries cultivars and their antioxidant, enzyme inhibitory, and real-time cytotoxicological evaluation. Food and Chemical Toxicology, 2018, 115, 414-424.	1.8	86
15	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of Lactobacillus reuteri DSM 17938. Frontiers in Microbiology, 2017, 8, 1040.	1.5	80
16	An assessment of the nutraceutical potential of Juglans regia L. leaf powder in diabetic rats. Food and Chemical Toxicology, 2017, 107, 554-564.	1.8	77
17	Analytical methods for the endocrine disruptor compounds determination in environmental water samples. Journal of Chromatography A, 2016, 1434, 1-18.	1.8	76
18	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. Biomedicine and Pharmacotherapy, 2017, 87, 27-36.	2.5	76

#	Article	IF	Citations
19	Evaluation of processing effects on anthocyanin content and colour modifications of blueberry () Tj ETQq1 1 0.784314 rgBT /Overloc 114-123.	4.2	73
20	Determination of ciprofloxacin and levofloxacin in human sputum collected from cystic fibrosis patients using microextraction by packed sorbent-high performance liquid chromatography photodiode array detector. Journal of Chromatography A, 2015, 1419, 58-66.	1.8	71
21	A fabric phase sorptive extraction-High performance liquid chromatography-Photo diode array detection method for the determination of twelve azole antimicrobial drug residues in human plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1040, 192-198.	1.2	69
22	Anthraquinone profile, antioxidant and antimicrobial activity of bark extracts of Rhamnus alaternus, R. fallax, R. intermedia and R. pumila. Food Chemistry, 2013, 136, 335-341.	4.2	68
23	Determination of chloramphenicol and tetracycline residues in milk samples by means of nanofiber coated magnetic particles prior to high-performance liquid chromatography-diode array detection. Talanta, 2021, 230, 122307.	2.9	67
24	Development and validation of a HPLC-ESI-MS/MS method for the determination of 5-aminosalicylic acid and its major metabolite N-acetyl-5-aminosalicylic acid in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 872, 99-106.	1.2	66
25	FPSE-HPLC-DAD method for the quantification of anticancer drugs in human whole blood, plasma, and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 204-213.	1.2	65
26	Multicomponent pattern and biological activities of sevenAsphodelinetaxa: potential sources of natural-functional ingredients for bioactive formulations. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 60-67.	2.5	64
27	Chemical and biological insights on Cotoneaster integerrimus: A new (-)- epicatechin source for food and medicinal applications. Phytomedicine, 2016, 23, 979-988.	2.3	63
28	Anthraquinone profiles, antioxidant and antimicrobial properties of Frangula rupestris (Scop.) Schur and Frangula alnus Mill. bark. Food Chemistry, 2012, 131, 1174-1180.	4.2	62
29	Comparison of three different extraction methods and HPLC determination of the anthraquinones aloeâ€emodine, emodine, rheine, chrysophanol and physcione in the bark of Rhamnus alpinus L. (Rhamnaceae). Phytochemical Analysis, 2010, 21, 261-267.	1.2	60
30	Microextraction by packed sorbent and high performance liquid chromatography determination of seven non-steroidal anti-inflammatory drugs in human plasma and urine. Journal of Chromatography A, 2014, 1367, 1-8.	1.8	60
31	Synthesis and Bioactivity of Secondary Metabolites from Marine Sponges Containing Dibrominated Indolic Systems. Molecules, 2012, 17, 6083-6099.	1.7	59
32	FPSE-HPLC-PDA analysis of seven paraben residues in human whole blood, plasma, and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1125, 121707.	1.2	57
33	Development and validation of a sensitive HPLCâ€“ESI-MS/MS method for the direct determination of glucosamine in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 844, 119-126.	1.2	56
34	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. Journal of Functional Foods, 2018, 47, 562-574.	1.6	56
35	Fabric phase sorptive extraction-high performance liquid chromatography-photo diode array detection method for simultaneous monitoring of three inflammatory bowel disease treatment drugs in whole blood, plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1084, 53-63.	1.2	55
36	Graminex Pollen: Phenolic Pattern, Colorimetric Analysis and Protective Effects in Immortalized Prostate Cells (PC3) and Rat Prostate Challenged with LPS. Molecules, 2018, 23, 1145.	1.7	55

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37	An FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1118-1119, 40-50.	1.2	55
38	A Review on the Dietary Flavonoid Tiliroside. Comprehensive Reviews in Food Science and Food Safety, 2018, 17, 1395-1421.	5.9	54
39	Optimization of Aqueous Extraction and Biological Activity of Harpagophytum procumbens Root on Ex Vivo Rat Colon Inflammatory Model. Phytotherapy Research, 2017, 31, 937-944.	2.8	53
40	Polyphenolic composition, enzyme inhibitory effects ex-vivo and in-vivo studies on two Brassicaceae of north-central Italy. Biomedicine and Pharmacotherapy, 2018, 107, 129-138.	2.5	53
41	Impact of different geographical locations on varying profile of bioactives and associated functionalities of caper (Capparis spinosa L.). Food and Chemical Toxicology, 2018, 118, 181-189.	1.8	52
42	Microwave-assisted extraction, HPLC analysis, and inhibitory effects on carbonic anhydrase I, II, VA, and VII isoforms of 14 blueberry Italian cultivars. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1-6.	2.5	51
43	Bioactive isoflavones from Pueraria lobata root and starch: Different extraction techniques and carbonic anhydrase inhibition. Food and Chemical Toxicology, 2018, 112, 441-447.	1.8	50
44	Ammonium glycyrrhizate skin delivery from ultradeformable liposomes: A novel use as an anti-inflammatory agent in topical drug delivery. Colloids and Surfaces B: Biointerfaces, 2020, 193, 111152.	2.5	49
45	RECENT HPLC STRATEGIES TO IMPROVE SENSITIVITY AND SELECTIVITY FOR THE ANALYSIS OF COMPLEX MATRICES. Instrumentation Science and Technology, 2012, 40, 112-137.	0.9	48
46	Anthraquinone profile, antioxidant and enzyme inhibitory effect of root extracts of eightAsphodelinetaxa from Turkey: canAsphodelineroots be considered as a new source of natural compounds?. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 754-759.	2.5	48
47	Fast off-line FPSE-HPLC-PDA determination of six NSAIDs in saliva samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1144, 122082.	1.2	48
48	Protective Effects Induced by Microwave-Assisted Aqueous Harpagophytum Extract on Rat Cortex Synaptosomes Challenged with Amyloid Î²-Peptide. Phytotherapy Research, 2017, 31, 1257-1264.	2.8	47
49	Microextraction by packed sorbent and HPLCâ€“PDA quantification of multiple anti-inflammatory drugs and fluoroquinolones in human plasma and urine. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 110-116.	2.5	46
50	Fabric-Phase Sorptive Membrane Array As a Noninvasive In Vivo Sampling Device For Human Exposure To Different Compounds. Analytical Chemistry, 2021, 93, 1957-1961.	3.2	46
51	Analysis of Biologically Active Oxyprenylated Ferulic Acid Derivatives in Citrus Fruits. Plant Foods for Human Nutrition, 2014, 69, 255-260.	1.4	45
52	Comparative study of biological activities and multicomponent pattern of two wild Turkish species: Asphodeline anatolica and Potentilla speciosa. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 203-208.	2.5	45
53	Exploring the Nutraceutical Potential of Dried Pepper Capsicum annuum L. on Market from Altino in Abruzzo Region. Antioxidants, 2020, 9, 400.	2.2	45
54	Anthraquinones: Analytical Techniques as a Novel Tool to Investigate on the Triggering of Biological Targets. Current Drug Targets, 2011, 12, 366-380.	1.0	43

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55	Antiviral and Antioxidant Activity of a Hydroalcoholic Extract from Humulus lupulus L.. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	1.9	43
56	Development and application of high-performance liquid chromatography for the study of two new oxyprenylated anthraquinones produced by Rhamnus species. Journal of Chromatography A, 2012, 1225, 113-120.	1.8	42
57	In vitro activity of Aloe vera inner gel against Helicobacter pylori strains. Letters in Applied Microbiology, 2014, 59, 43-48.	1.0	41
58	A Polyphenol Rich Extract from Solanum melongena L. DR2 Peel Exhibits Antioxidant Properties and Anti-Herpes Simplex Virus Type 1 Activity In Vitro. Molecules, 2018, 23, 2066.	1.7	41
59	Total Phenolics, Flavonoids, Condensed Tannins Content of Eight Centaurea Species and Their Broad Inhibitory Activities against Cholinesterase, Tyrosinase, Î±-Amylase and Î±-Glucosidase. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2016, 44, 195-200.	0.5	40
60	Development of novel techniques to extract phenolic compounds from Romanian cultivars of Prunus domestica L. and their biological properties. Food and Chemical Toxicology, 2018, 119, 189-198.	1.8	40
61	A multi-methodological approach in the study of Italian PDO â€œCornetto di Pontecorvoâ€•red sweet pepper. Food Chemistry, 2018, 255, 120-131.	4.2	38
62	Use of Innovative (Micro)Extraction Techniques to Characterise <scp>Harpagophytum procumbens</scp> Root and its Commercial Food Supplements. Phytochemical Analysis, 2018, 29, 233-241.	1.2	38
63	Cannabis sativa L. Inflorescences from Monoecious Cultivars Grown in Central Italy: An Untargeted Chemical Characterization from Early Flowering to Ripening. Molecules, 2020, 25, 1908.	1.7	38
64	Analysis of imidazoles and triazoles in biological samples after MicroExtraction by packed sorbent. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1053-1063.	2.5	37
65	Fabric phase sorptive extraction followed by HPLC-PDA detection for the monitoring of pirimicarb and fenitrothion pesticide residues. Mikrochimica Acta, 2020, 187, 337.	2.5	37
66	Anthraquinone profile and chemical fingerprint of Rhamnus saxatilis L. from Italy. Phytochemistry Letters, 2009, 2, 223-226.	0.6	36
67	Recent application of analytical methods to phase I and phase II drugs development: a review. Biomedical Chromatography, 2012, 26, 283-300.	0.8	36
68	Chemical Constituents and Biologic Activities of Sage Species: A Comparison between Salvia officinalis L., S. glutinosa L. and S. transsylvanica (Schur ex Griseb. & Schenk) Schur. Antioxidants, 2020, 9, 480.	2.2	36
69	Toxic Metals in Herbal Medicines. A Review. Current Bioactive Compounds, 2014, 10, 181-188.	0.2	34
70	A comprehensive review of agrimoniin. Annals of the New York Academy of Sciences, 2017, 1401, 166-180.	1.8	33
71	Polyphenols from Lycium barbarum (Goji) Fruit European Cultivars at Different Maturation Steps: Extraction, HPLC-DAD Analyses, and Biological Evaluation. Antioxidants, 2019, 8, 562.	2.2	33
72	Biological Active Analogues of the Opioid Peptide Biphalin: Mixed Î±/Î²³-Peptides. Journal of Medicinal Chemistry, 2013, 56, 3419-3423.	2.9	32

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73	Food Sample Preparation for the Determination of Sulfonamides by High-Performance Liquid Chromatography: State-of-the-Art. Separations, 2018, 5, 31.	1.1	32
74	Mixed-mode fabric phase sorptive extraction of multiple tetracycline residues from milk samples prior to high performance liquid chromatography-ultraviolet analysis. Microchemical Journal, 2020, 159, 105437.	2.3	32
75	Capsicum annuum L. var. Cornetto di Pontecorvo PDO: Polyphenolic profile and in vitro biological activities. Journal of Functional Foods, 2018, 40, 679-691.	1.6	31
76	Application of a fabric phase sorptive extraction-high performance liquid chromatography-photodiode array detection method for the trace determination of methyl paraben, propyl paraben and butyl paraben in cosmetic and environmental samples. Analytical Methods, 2019, 11, 6136-6145.	1.3	31
77	In vitro biological propensities and chemical profiling of Euphorbia milii Des Moul (Euphorbiaceae): A novel source for bioactive agents. Industrial Crops and Products, 2019, 130, 9-15.	2.5	31
78	Sensitive determination of Fluoxetine and Citalopram antidepressants in urine and wastewater samples by liquid chromatography coupled with photodiode array detector. Journal of Chromatography A, 2021, 1648, 462215.	1.8	31
79	A Quick and Efficient Non-Targeted Screening Test for Saffron Authentication: Application of Chemometrics to Gas-Chromatographic Data. Molecules, 2019, 24, 2602.	1.7	30
80	Biofluid sampler: A new gateway for mail-in-analysis of whole blood samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1143, 122055.	1.2	30
81	Trace level voltammetric determination of heavy metals and total mercury in tea matrices (Camellia) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	29
82	Crocus sativus, Serenoa repens and Pinus massoniana extracts modulate inflammatory response in isolated rat prostate challenged with LPS. Journal of Biological Regulators and Homeostatic Agents, 2017, 31, 531-541.	0.7	29
83	Chemical composition and biological activity of Capparis spinosa L. from Lipari Island. South African Journal of Botany, 2019, 120, 135-140.	1.2	28
84	Multidirectional investigations on different parts of Allium scorodoprasum L. subsp. rotundum (L.) Stearn: Phenolic components, in vitro biological, and in silico propensities. Food Research International, 2018, 108, 641-649.	2.9	27
85	Simultaneous determination of eperisone hydrochloride and paracetamol in mouse plasma by high performance liquid chromatography-photodiode array detector. Journal of Chromatography A, 2015, 1388, 79-86.	1.8	26
86	A new LC-MS/MS confirmation method for the determination of 17 drugs of abuse in oral fluid and its application to real samples. Forensic Science International, 2020, 312, 110330.	1.3	26
87	Qualitative and Quantitative Phytochemical Analysis of Different Extracts from Thymus algeriensis Aerial Parts. Molecules, 2018, 23, 463.	1.7	25
88	Phytochemical and biological characterization of Italian â€œsedano bianco di Sperlongaâ€•Protected Geographical Indication celery ecotype: A multimethodological approach. Food Chemistry, 2020, 309, 125649.	4.2	25
89	Hypoglycemic, Antiglycation, and Cytoprotective Properties of a Phenol-Rich Extract From Waste Peel of Punica granatum L. var. Dente di Cavallo DC2. Molecules, 2019, 24, 3103.	1.7	24
90	Liquid Phase and Microwave-Assisted Extractions for Multicomponent Phenolic Pattern Determination of Five Romanian Galium Species Coupled with Bioassays. Molecules, 2019, 24, 1226.	1.7	24

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91	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. Current Analytical Chemistry, 2019, 15, 731-744.	0.6	24
92	Physicochemical characterization of pH-responsive and fusogenic self-assembled non-phospholipid vesicles for a potential multiple targeting therapy. International Journal of Pharmaceutics, 2017, 528, 18-32.	2.6	23
93	A Comparative Assessment of Biological Effects and Chemical Profile of Italian Asphodeline lutea Extracts. Molecules, 2018, 23, 461.	1.7	23
94	Influence of Ellagitannins Extracted by Pomegranate Fruit on Disulfide Isomerase PDIA3 Activity. Nutrients, 2019, 11, 186.	1.7	23
95	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. Pharmaceutics, 2020, 12, 559.	2.0	23
96	Chemical characterization, antioxidant properties, anti-inflammatory activity, and enzyme inhibition of Ipomoea batatas L. leaf extracts. International Journal of Food Properties, 2017, , 1-13.	1.3	22
97	Reflectance colorimetry: a mirror for food qualityâ€”a mini review. European Food Research and Technology, 2020, 246, 259-272.	1.6	22
98	Quantification of 4â€²-geranyloxyferulic acid, a new natural colon cancer chemopreventive agent, by HPLC-DAD in grapefruit skin extract. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 212-214.	1.4	21
99	Extracellular Guanosine 5â€²-Triphosphate Induces Human Muscle Satellite Cells to Release Exosomes Stuffed With Guanosine. Frontiers in Pharmacology, 2018, 9, 152.	1.6	21
100	Phytochemical analyses and pharmacological screening of Neem oil. South African Journal of Botany, 2019, 120, 331-337.	1.2	20
101	Anthraquinone profile, antioxidant and antimicrobial properties of bark extracts of Rhamnus catharticus and R. orbiculatus. Natural Product Communications, 2011, 6, 1275-80.	0.2	20
102	Recent Advances in the Separation and Determination of Impurities in Pharmaceutical Products. Instrumentation Science and Technology, 2015, 43, 182-196.	0.9	19
103	Aqueous Extracts of Selected Potentilla Species Modulate Biological Activity of Human Normal Colon Cells. Current Drug Targets, 2015, 16, 1495-1502.	1.0	19
104	Screening for novel plant sources of prenyloxyanthraquinones: Senna alexandrina Mill. and Aloe vera (L.) Burm. F.. Natural Product Research, 2015, 29, 180-184.	1.0	18
105	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. Molecules, 2019, 24, 3334.	1.7	18
106	Analytical Methodology for Trace Determination of Propoxur and Fenitrothion Pesticide Residues by Decanoic Acid Modified Magnetic Nanoparticles. Molecules, 2019, 24, 4621.	1.7	18
107	Determination of phenolic compounds in human saliva after oral administration of red wine by high performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2022, 209, 114486.	1.4	18
108	Fast Quantitative LC-MS/MS Determination of Illicit Substances in Solid and Liquid Unknown Seized Samples. Analytical Chemistry, 2021, 93, 16308-16313.	3.2	18

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109	Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses. Separations, 2022, 9, 18.	1.1	18
110	Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein Aâ€Ⅰ variant. Liver International, 2012, 32, 1363-1371.	1.9	17
111	Simultaneous quantification of Gemcitabine and Irinotecan hydrochloride in rat plasma by using high performance liquid chromatography-diode array detector. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 192-199.	1.4	17
112	Phytochemical composition and in vitro pharmacological investigations of Neurada procumbens L. (Neuradaceae): A multidirectional approach for industrial products. Industrial Crops and Products, 2019, 142, 111861.	2.5	17
113	Phenolic Profile and Bioactivities of Sideritis perfoliata L.: The Plant, Its Most Active Extract, and Its Broad Biological Properties. Frontiers in Pharmacology, 2020, 10, 1642.	1.6	17
114	Ethanol Determination in Post-Mortem Samples: Correlation between Blood and Vitreous Humor Concentration. Molecules, 2020, 25, 2724.	1.7	17
115	Application of Pyrolysis-Gas Chromatography-Mass Spectrometry and Multivariate Analysis to Study Bacteria and Fungi in Biofilms Used for Bioremediation. Current Drug Targets, 2013, 14, 1023-1033.	1.0	17
116	Atriplex mollis Desf. Aerial Parts: Extraction Procedures, Secondary Metabolites and Color Analysis. Molecules, 2018, 23, 1962.	1.7	16
117	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. Molecules, 2019, 24, 382.	1.7	16
118	Artisanal fortified beers: Brewing, enrichment, HPLC-DAD analysis and preliminary screening of antioxidant and enzymatic inhibitory activities. Food Bioscience, 2022, 48, 101721.	2.0	16
119	Anthraquinone Profile, Antioxidant and Antimicrobial Properties of Bark Extracts of Rhamnus catharticus and R. orbiculatus. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	15
120	Enzyme and Biological Activities of the Water Extracts from the Plants Aesculus hippocastanum, Olea europaea and Hypericum perforatum That Are Used as Folk Remedies in Turkey. Molecules, 2020, 25, 1202.	1.7	15
121	Determination of Polycyclic Aromatic Hydrocarbons in Nutritional Supplements by Fabric Phase Sorptive Extraction (FPSE) with High-Performance Liquid Chromatography (HPLC) with Fluorescence Detection. Analytical Letters, 2021, 54, 1683-1696.	1.0	15
122	Fast LCâ€“MS/MS screening method for the evaluation of drugs, illicit drugs, and other compounds in biological matrices. Talanta Open, 2022, 5, 100105.	1.7	15
123	Extraction and Detection Techniques for PAHs Determination in Beverages: A Review. Current Chromatography, 2014, 1, 122-138.	0.1	14
124	Pharmacological, phytochemical and in-vivo toxicological perspectives of a xero-halophyte medicinal plant: Zaleya pentandra (L.) Jeffrey. Food and Chemical Toxicology, 2019, 131, 110535.	1.8	14
125	Unravelling the potential of the medicinal halophyte Eryngium maritimum L.: In vitro inhibition of diabetes-related enzymes, antioxidant potential, polyphenolic profile and mineral composition. South African Journal of Botany, 2019, 120, 204-212.	1.2	14
126	HPLCâ€“PDA Polyphenolic Quantification, UHPLCâ€“MS Secondary Metabolite Composition, and In Vitro Enzyme Inhibition Potential of Bougainvillea glabra. Plants, 2020, 9, 388.	1.6	14

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127	Ionic Liquids in Analytical Chemistry: Applications and Recent Trends. Current Analytical Chemistry, 2021, 17, 1340-1355.	0.6	14
128	Investigations into the therapeutic potential of Asphodeline liburnica roots: In vitro and in silico biochemical and toxicological perspectives. Food and Chemical Toxicology, 2018, 120, 172-182.	1.8	13
129	Application of liquidâ€phase microextraction to the analysis of plant and herbal samples. Phytochemical Analysis, 2020, 31, 687-699.	1.2	13
130	High performance liquid chromatography determination of prulifloxacin and five related impurities in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2013, 78-79, 27-33.	1.4	12
131	HPLCâ€“FLD and spectrofluorometer apparatus: How to best detect fluorescent probe-loaded niosomes in biological samples. Colloids and Surfaces B: Biointerfaces, 2015, 135, 575-580.	2.5	12
132	Investigation into the biological properties, secondary metabolites composition, and toxicity of aerial and root parts of Capparis spinosa L.: An important medicinal food plant. Food and Chemical Toxicology, 2021, 155, 112404.	1.8	12
133	Antioxidant and Enzyme Inhibitory Activities of Extracts from Wild Mushroom Species from Turkey. International Journal of Medicinal Mushrooms, 2017, 19, 327-336.	0.9	12
134	Use of HPLC in the Determination of the Molar Absorptivity of 4â€²-Geranyloxyferulic Acid and Boropinic Acid. Chromatographia, 2011, 73, 889-896.	0.7	11
135	Screening for oxyprenylated anthraquinones in Mediterranean Rhamnus species. Biochemical Systematics and Ecology, 2012, 43, 125-127.	0.6	11
136	Multiple pharmacological approaches on Fibigia eriocarpa extracts by in vitro and computational assays. Fundamental and Clinical Pharmacology, 2018, 32, 400-413.	1.0	11
137	Analytical Chemistry in the 21st Century: Challenges, Solutions, and Future Perspectives of Complex Matrices Quantitative Analyses in Biological/Clinical Field. Analyticaâ€”A Journal of Analytical Chemistry and Chemical Analysis, 2020, 1, 44-59.	0.8	11
138	Multidirectional insights into the phytochemical, biological, and multivariate analysis of the famine food plant (Calligonum polygonoides L).: A novel source of bioactive phytocompounds. Food Research International, 2020, 137, 109606.	2.9	11
139	Metabolic profiling of different wild and cultivated Allium species based on highâ€resolution mass spectrometry, highâ€performance liquid chromatographyâ€photodiode array detector, and color analysis. Journal of Mass Spectrometry, 2020, 55, e4525.	0.7	11
140	Development of sol-gel phenyl/methyl/poly (dimethylsiloxane) sorbent coating for fabric phase sorptive extraction and its application in monitoring human exposure to selected polycyclic aromatic hydrocarbons using high performance liquid chromatography-fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1163, 122520.	1.2	11
141	(1â†'3)-α-D-Glucans from Aspergillus spp.: Structural Characterization and Biological Study on their Carboxymethylated Derivatives. Current Drug Targets, 2015, 16, 1488-1494.	1.0	11
142	Fabric Phase Sorptive Extraction (FPSE) as an efficient sample preparation platform for the extraction of antidepressant drugs from biological fluids. Advances in Sample Preparation, 2022, 3, 100022.	1.1	10
143	Analysis of Anti-Inflammatory Enantiomers by HPLC in Human Plasma and Urine: A Review. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2012, 11, 96-112.	1.1	9
144	Stability study of Prulifloxacin and Ulifloxacin in human plasma by HPLCâ€“DAD. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 106-111.	2.5	9

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145	Metabolic fingerprinting, antioxidant characterization, and enzyme-inhibitory response of Monotheca buxifolia (Falc.) A. DC. extracts. BMC Complementary Medicine and Therapies, 2020, 20, 313.	1.2	9
146	Synthesis and Biological Evaluation of Halogenated E-Stilbenols as Promising Antiaging Agents. Molecules, 2020, 25, 5770.	1.7	9
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