Marcello Locatelli

List of Publications by Citations

187 papers	4,654 citations	40 h-index	58 g-index
215 ext. papers	5,827 ext. citations	3.9 avg, IF	5.87 L-index

#	Paper	IF	Citations
187	Application of deep eutectic solvents in analytical chemistry. A review. *Microchemical Journal*, **2017**, 135, 33-38	4.8	311
186	In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of Potentilla thuringiaca. *Phytochemistry Letters*, **2017**, 20, 365-372	1.9	179
185	Cytotoxic and Enzyme Inhibitory Potential of Two species (L. and Willd.) and Their Chemical Composition. *Frontiers in Pharmacology*, **2017**, 8, 290	5.6	138
184	Glucosamine oral bioavailability and plasma pharmacokinetics after increasing doses of crystalline glucosamine sulfate in man. *Osteoarthritis and Cartilage*, **2005**, 13, 1041-9	6.2	120
183	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. *Colloids and Surfaces B: Biointerfaces*, **2013**, 112, 548-53	6	97
182	Synovial and plasma glucosamine concentrations in osteoarthritic patients following oral crystalline glucosamine sulphate at therapeutic dose. *Osteoarthritis and Cartilage*, **2007**, 15, 764-72	6.2	95
181	Recent Trends in Microextraction Techniques Employed in Analytical and Bioanalytical Sample Preparation. *Separations*, **2017**, 4, 36	3.1	86
180	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	5.1	85
179	Enzyme-assisted extractions of polyphenols A comprehensive review. *Trends in Food Science and Technology*, **2019**, 88, 302-315	15.3	82
178	Crocus sativus L. stigmas and byproducts: Qualitative fingerprint, antioxidant potentials and enzyme inhibitory activities. *Food Research International*, **2018**, 109, 91-98	7	82
177	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	1.7	78
176	Analytical methods for the endocrine disruptor compounds determination in environmental water samples. *Journal of Chromatography A*, **2016**, 1434, 1-18	4.5	65
175	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. *Biomedicine and Pharmacotherapy*, **2017**, 87, 27-36	7.5	64
174	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	5.9	64
173	Chromatographic Analyses, In Vitro Biological Activities, and Cytotoxicity of Cannabis sativa L. Essential Oil: A Multidisciplinary Study. *Molecules*, **2018**, 23,	4.8	61
172	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	4.5	59
171	An assessment of the nutraceutical potential of Juglans regia L. leaf powder in diabetic rats. *Food and Chemical Toxicology*, **2017**, 107, 554-564	4.7	57

170	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	4.7	54
169	Multicomponent pattern and biological activities of seven Asphodeline taxa: potential sources of natural-functional ingredients for bioactive formulations. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 60-67	5.6	54
168	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	4.5	53
167	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	3.2	51
166	Chemical and biological insights on Cotoneaster integerrimus: A new (-)- epicatechin source for food and medicinal applications. *Phytomedicine*, **2016**, 23, 979-88	6.5	50
165	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	3.2	49
164	Anthraquinone profile, antioxidant and antimicrobial activity of bark extracts of Rhamnus alaternus, R. fallax, R. intermedia and R. pumila. *Food Chemistry*, **2013**, 136, 335-41	8.5	49
163	Anthraquinone profiles, antioxidant and antimicrobial properties of Frangula rupestris (Scop.) Schur and Frangula alnus Mill. bark. *Food Chemistry*, **2012**, 131, 1174-1180	8.5	49
162	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	3.2	48
161	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of DSM 17938. *Frontiers in Microbiology*, **2017**, 8, 1040	5.7	48
160	Development and validation of a sensitive HPLC-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, 119-26	3.2	48
159	Evaluation of processing effects on anthocyanin content and colour modifications of blueberry (Vaccinium spp.) extracts: Comparison between HPLC-DAD and CIELAB analyses. *Food Chemistry*, **2017**, 232, 114-123	8.5	47
158	Comparison of three different extraction methods and HPLC determination of the anthraquinones aloe-emodine, emodine, rheine, chrysophanol and physcione in the bark of Rhamnus alpinus L. (Rhamnaceae). *Phytochemical Analysis*, **2010**, 21, 261-7	3.4	47
157	Graminex Pollen: Phenolic Pattern, Colorimetric Analysis and Protective Effects in Immortalized Prostate Cells (PC3) and Rat Prostate Challenged with LPS. *Molecules*, **2018**, 23,	4.8	46
156	Optimization of Aqueous Extraction and Biological Activity of Harpagophytum procumbens Root on Ex Vivo Rat Colon Inflammatory Model. *Phytotherapy Research*, **2017**, 31, 937-944	6.7	45
155	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	3.2	44
154	Protective Effects Induced by Microwave-Assisted Aqueous Harpagophytum Extract on Rat Cortex Synaptosomes Challenged with Amyloid □Peptide. *Phytotherapy Research*, **2017**, 31, 1257-1264	6.7	44
153	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	5.6	43

152	Microextraction by packed sorbent and HPLC-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	5.6	43
151	Synthesis and bioactivity of secondary metabolites from marine sponges containing dibrominated indolic systems. *Molecules*, **2012**, 17, 6083-99	4.8	43
150	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. *Journal of Functional Foods*, **2018**, 47, 562-574	5.1	42
149	Anthraquinone profile, antioxidant and enzyme inhibitory effect of root extracts of eight Asphodeline taxa from Turkey: can Asphodeline roots be considered as a new source of natural compounds?. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 754-9	5.6	41
148	Anthraquinones: analytical techniques as a novel tool to investigate on the triggering of biological targets. *Current Drug Targets*, **2011**, 12, 366-80	3	40
147	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	5.6	40
146	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	7.5	38
145	RECENT HPLC STRATEGIES TO IMPROVE SENSITIVITY AND SELECTIVITY FOR THE ANALYSIS OF COMPLEX MATRICES. *Instrumentation Science and Technology*, **2012**, 40, 112-137	1.4	38
144	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, 113-20	4.5	36
143	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	3.2	34
142	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	3.2	34
141	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	4.7	33
140	In vitro activity of Aloe vera inner gel against Helicobacter pylori strains. *Letters in Applied Microbiology*, **2014**, 59, 43-8	2.9	33
139	Analysis of biologically active oxyprenylated ferulic acid derivatives in Citrus fruits. *Plant Foods for Human Nutrition*, **2014**, 69, 255-60	3.9	33
138	Use of Innovative (Micro)Extraction Techniques to Characterise Harpagophytum procumbens Root and its Commercial Food Supplements. *Phytochemical Analysis*, **2018**, 29, 233-241	3.4	33
137	A Polyphenol Rich Extract from L. DR2 Peel Exhibits Antioxidant Properties and Anti-Herpes Simplex Virus Type 1 Activity In Vitro. *Molecules*, **2018**, 23,	4.8	31
136	Anthraquinone profile and chemical fingerprint of Rhamnus saxatilis L. from Italy. *Phytochemistry Letters*, **2009**, 2, 223-226	1.9	31
135	Antiviral and Antioxidant Activity of a Hydroalcoholic Extract from L. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 5919237	6.7	30

134	Total Phenolics, Flavonoids, Condensed Tannins Content of Eight Centaurea Species and Their Broad Inhibitory Activities against Cholinesterase, Tyrosinase, Amylase and Glucosidase. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **2016**, 44, 195-200	1.2	30
133	A multi-methodological approach in the study of Italian PDO "Cornetto di Pontecorvo" red sweet pepper. *Food Chemistry*, **2018**, 255, 120-131	8.5	28
132	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	6	28
131	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	28
130	Recent application of analytical methods to phase I and phase II drugs development: a review. *Biomedical Chromatography*, **2012**, 26, 283-300	1.7	27
129	Bioactive isoflavones from Pueraria lobata root and starch: Different extraction techniques and carbonic anhydrase inhibition. *Food and Chemical Toxicology*, **2018**, 112, 441-447	4.7	27
128	A Review on the Dietary Flavonoid Tiliroside. *Comprehensive Reviews in Food Science and Food Safety*, **2018**, 17, 1395-1421	16.4	26
127	Biological active analogues of the opioid peptide biphalin: mixed)-peptides. *Journal of Medicinal Chemistry*, **2013**, 56, 3419-23	8.3	26
126	Analysis of imidazoles and triazoles in biological samples after MicroExtraction by packed sorbent. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 1-11	5.6	26
125	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	3.2	25
124	Fabric-Phase Sorptive Membrane Array As a Noninvasive Sampling Device For Human Exposure To Different Compounds. *Analytical Chemistry*, **2021**, 93, 1957-1961	7.8	24
123	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	4.7	23
122	A comprehensive review of agrimoniin. *Annals of the New York Academy of Sciences*, **2017**, 1401, 166-180	6.5	23
121	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	6.2	23
120	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	4.5	22
119	A Comparative Assessment of Biological Effects and Chemical Profile of Italian Asphodeline lutea Extracts. *Molecules*, **2018**, 23,	4.8	22
118	Food Sample Preparation for the Determination of Sulfonamides by High-Performance Liquid Chromatography: State-of-the-Art. *Separations*, **2018**, 5, 31	3.1	22
117	Exploring the Nutraceutical Potential of Dried Pepper L. on Market from Altino in Abruzzo Region. *Antioxidants*, **2020**, 9,	7.1	21

116	L. Inflorescences from Monoecious Cultivars Grown in Central Italy: An Untargeted Chemical Characterization from Early Flowering to Ripening. *Molecules*, **2020**, 25,	4.8	21
115	Capsicum annuum L. var. Cornetto di Pontecorvo PDO: Polyphenolic profile and in vitro biological activities. *Journal of Functional Foods*, **2018**, 40, 679-691	5.1	20
114	Trace level voltammetric determination of heavy metals and total mercury in tea matrices (Camellia sinensis). *Food and Chemical Toxicology*, **2013**, 62, 901-907	4.7	20
113	Toxic Metals in Herbal Medicines. A Review. *Current Bioactive Compounds*, **2014**, 10, 181-188	0.9	20
112	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	3.2	19
111	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	7	19
110	Quantification of 4Rgeranyloxyferulic acid, a new natural colon cancer chemopreventive agent, by HPLC-DAD in grapefruit skin extract. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 53, 212-4	3.5	19
109	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	5.9	19
108	Anthraquinone profile, antioxidant and antimicrobial properties of bark extracts of Rhamnus catharticus and R. orbiculatus. *Natural Product Communications*, **2011**, 6, 1275-80	0.9	19
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106	Qualitative and Quantitative Phytochemical Analysis of Different Extracts from Thymus algeriensis Aerial Parts. *Molecules*, **2018**, 23,	4.8	18
105	A Quick and Efficient Non-Targeted Screening Test for Saffron Authentication: Application of Chemometrics to Gas-Chromatographic Data. *Molecules*, **2019**, 24,	4.8	18
104	Recent Advances in the Separation and Determination of Impurities in Pharmaceutical Products. *Instrumentation Science and Technology*, **2015**, 43, 182-196	1.4	18
103	Aqueous Extracts of Selected Potentilla Species Modulate Biological Activity of Human Normal Colon Cells. *Current Drug Targets*, **2015**, 16, 1495-502	3	18
102	Influence of Ellagitannins Extracted by Pomegranate Fruit on Disulfide Isomerase PDIA3 Activity. *Nutrients*, **2019**, 11,	6.7	17
101	Fabric phase sorptive extraction followed by HPLC-PDA detection for the monitoring of pirimicarb and fenitrothion pesticide residues. *Mikrochimica Acta*, **2020**, 187, 337	5.8	17
100	Chemical characterization, antioxidant properties, anti-inflammatory activity, and enzyme inhibition of Ipomoea batatas L. leaf extracts. *International Journal of Food Properties*, **2017**, 1-13	3	17
99	Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein A-I variant. *Liver International*, **2012**, 32, 1363-71	7.9	17

98	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. *Current Analytical Chemistry*, **2019**, 15, 731-744	1.7	17
97	Liquid Phase and Microwave-Assisted Extractions for Multicomponent Phenolic Pattern Determination of Five Romanian Galium Species Coupled with Bioassays. *Molecules*, **2019**, 24,	4.8	16
96	Chemical Constituents and Biologic Activities of Sage Species: A Comparison between L., L. and. *Antioxidants*, **2020**, 9,	7.1	16
95	Polyphenols from (Goji) Fruit European Cultivars at Different Maturation Steps: Extraction, HPLC-DAD Analyses, and Biological Evaluation. *Antioxidants*, **2019**, 8,	7.1	16
94	Chemical composition and biological activity of Capparis spinosa L. from Lipari Island. *South African Journal of Botany*, **2019**, 120, 135-140	2.9	16
93	Phytochemical and biological characterization of Italian "sedano bianco di Sperlonga" Protected Geographical Indication celery ecotype: A multimethodological approach. *Food Chemistry*, **2020**, 309, 125649	8.5	16
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	6.5	15
91	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. *Molecules*, **2019**, 24,	4.8	15
90	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	3.2	15
89	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, 1023-33	3	14
88	Hypoglycemic, Antiglycation, and Cytoprotective Properties of a Phenol-Rich Extract From Waste Peel of L. var. Dente di Cavallo DC2. *Molecules*, **2019**, 24,	4.8	13
87	Desf. Aerial Parts: Extraction Procedures, Secondary Metabolites and Color Analysis. *Molecules*, **2018**, 23,	4.8	13
86	Extraction and Detection Techniques for PAHs Determination in Beverages: A Review. *Current Chromatography*, **2014**, 1, 122-138	0.4	13
85	HPLC-FLD and spectrofluorometer apparatus: How to best detect fluorescent probe-loaded niosomes in biological samples. *Colloids and Surfaces B: Biointerfaces*, **2015**, 135, 575-580	6	12
84	Extracellular Guanosine 5RTriphosphate Induces Human Muscle Satellite Cells to Release Exosomes Stuffed With Guanosine. *Frontiers in Pharmacology*, **2018**, 9, 152	5.6	12
83	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	3.5	12
82	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	4.8	12
81	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. *Molecules*, **2019**, 24,	4.8	12

80	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	2.6	11
79	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. *Pharmaceutics*, **2020**, 12,	6.4	11
78	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	3.5	11
77	Multiple pharmacological approaches on Fibigia eriocarpa extracts by in vitro and computational assays. *Fundamental and Clinical Pharmacology*, **2018**, 32, 400-413	3.1	10
76	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	4.7	10
75	Phenolic Profile and Bioactivities of L.: The Plant, Its Most Active Extract, and Its Broad Biological Properties. *Frontiers in Pharmacology*, **2019**, 10, 1642	5.6	10
74	Phytochemical analyses and pharmacological screening of Neem oil. *South African Journal of Botany* , **2019**, 120, 331-337	2.9	10
73	Reflectance colorimetry: a mirror for food quality□ mini review. *European Food Research and Technology*, **2020**, 246, 259-272	3.4	10
72	Stability study of Prulifloxacin and Ulifloxacin in human plasma by HPLC-DAD. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 106-11	5.6	9
71	HPLC-PDA Polyphenolic Quantification, UHPLC-MS Secondary Metabolite Composition, and In Vitro Enzyme Inhibition Potential of. *Plants*, **2020**, 9,	4.5	9
70	Screening for oxyprenylated anthraquinones in Mediterranean Rhamnus species. *Biochemical Systematics and Ecology*, **2012**, 43, 125-127	1.4	9
69	Analytical Methodology for Trace Determination of Propoxur and Fenitrothion Pesticide Residues by Decanoic Acid Modified Magnetic Nanoparticles. *Molecules*, **2019**, 24,	4.8	9
68	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	2	8
67	Anthraquinone Profile, Antioxidant and Antimicrobial Properties of Bark Extracts of Rhamnus catharticus and R. orbiculatus. *Natural Product Communications*, **2011**, 6, 1934578X1100600	0.9	8
66	Antioxidant and Enzyme Inhibitory Activities of Extracts from Wild Mushroom Species from Turkey. *International Journal of Medicinal Mushrooms*, **2017**, 19, 327-336	1.3	8
65	Herbal Medicines: Application of a Sequential Voltammetric Procedure to the Determination of Mercury, Copper, Lead, Cadmium and Zinc at Trace Level. *Letters in Drug Design and Discovery*, **2018** , 15,	0.8	8
64	Analytical Chemistry in the 21st Century: Challenges, Solutions, and Future Perspectives of Complex Matrices Quantitative Analyses in Biological/Clinical Field. *Analytical□ Journal of Analytical Chemistry and Chemical Analysis*, **2020**, 1, 44-59	1.4	8
63	Long Term Stability Evaluation of Prostacyclin Released from Biomedical Device through Turbiscan Lab Expert. *Medicinal Chemistry*, **2015**, 11, 391-9	1.8	7

62	Use of HPLC in the Determination of the Molar Absorptivity of 4?-Geranyloxyferulic Acid and Boropinic Acid. *Chromatographia*, **2011**, 73, 889-896	2.1	7
61	(1-3)-D-Glucans from Aspergillus spp.: Structural Characterization and Biological Study on their Carboxymethylated Derivatives. *Current Drug Targets*, **2015**, 16, 1488-94	3	7
60	Novel prodrugs for the treatment of colonic diseases based on 5-aminosalicylic acid, 4Rgeranyloxyferulic acid, and auraptene: biological activities and analytical assays. *Current Drug Delivery*, **2012**, 9, 112-21	3.2	7
59	Application of liquid-phase microextraction to the analysis of plant and herbal samples. *Phytochemical Analysis*, **2020**, 31, 687-699	3.4	7
58	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	2.2	7
57	Pharmacological, phytochemical and in-vivo toxicological perspectives of a xero-halophyte medicinal plant: Zaleya pentandra (L.) Jeffrey. *Food and Chemical Toxicology*, **2019**, 131, 110535	4.7	6
56	Ethanol Determination in Samples: Correlation between Blood and Vitreous Humor Concentration. *Molecules*, **2020**, 25,	4.8	6
55	Enzyme and Biological Activities of the Water Extracts from the Plants , and That Are Used as Folk Remedies in Turkey. *Molecules*, **2020**, 25,	4.8	6
54	Current Trends in Simultaneous Determination of Co-Administered Drugs. *Separations*, **2020**, 7, 29	3.1	6
53	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	5.9	6
52	HPLC analysis of 4?-geranyloxyferulic and boropinic acids in grapefruits of different geographical origin. *Phytochemistry Letters*, **2014**, 8, 190-192	1.9	6
51	Phytochemistry and pharmacognosy of naturally occurring prenyloxyanthraquinones. *Current Drug Targets*, **2013**, 14, 959-63	3	6
50	Metabolic fingerprinting, antioxidant characterization, and enzyme-inhibitory response of Monotheca buxifolia (Falc.) A. DC. extracts. *BMC Complementary Medicine and Therapies*, **2020**, 20, 313	2.9	6
49	Ionic Liquids in Analytical Chemistry: Applications and Recent Trends. *Current Analytical Chemistry*, **2021**, 17,	1.7	6
48	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	2.9	6
47	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	4.5	6
46	Re-investigation of the anthraquinone pool of Rhamnus spp.: madagascin from the fruits of Rhamnus cathartica and R. intermedia. *Natural Product Communications*, **2012**, 7, 1029-32	0.9	6
45	Metabolic profiling of different wild and cultivated Allium species based on high-resolution mass spectrometry, high-performance liquid chromatography-photodiode array detector, and color analysis. *Journal of Mass Spectrometry*, **2020**, 55, e4525	2.2	5

44	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	7	5
43	Synthesis and Biological Evaluation of Halogenated -Stilbenols as Promising Antiaging Agents. *Molecules*, **2020**, 25,	4.8	5
42	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**,	3.2	5
41	Trace level voltammetric determination of heavy metals and total mercury in tea matrices (Camellia sinensis). *Food and Chemical Toxicology*, **2013**, 62, 901-7	4.7	5
40	Combined derivatization and high-performance liquid chromatography with fluorescence and ultraviolet detection for simultaneous analysis of octreotide and gabexate mesylate metabolite in human pancreatic juice samples. *Biomedical Chromatography*, **2015**, 29, 911-7	1.7	4
39	Filago germanica (L.) Huds. bioactive constituents: Secondary metabolites fingerprinting and in vitro biological assays. *Industrial Crops and Products*, **2020**, 152, 112505	5.9	4
38	Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses. *Separations*, **2022**, 9, 18	3.1	4
37	Multiple pharmacological approaches on hydroalcoholic extracts from different parts of Cynoglossum creticum Mill. (Boraginaceae). *Plant Biosystems*, **2019**, 153, 633-639	1.6	4
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