

# Marcello Locatelli

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Novel Applications of Microextraction Techniques Focused on Biological and Forensic Analyses. <i>Separations</i> , <b>2022</b> , 9, 18	3.1	4
186	Nanotechnology-based green and efficient alternatives for the management of plant diseases <b>2022</b> , 253-262		
185	New polluting metals. Quantification in herbal medicines by voltammetric and spectroscopic analytical methods.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2022</b> , 211, 114599	3.5	0
184	Long persistence of severe acute respiratory syndrome coronavirus 2 swab positivity in a drowned corpse: a case report.. <i>Journal of Medical Case Reports</i> , <b>2022</b> , 16, 72	1.2	0
183	Chiral HPLC separation and simulation studies of two chiral centered bis-imino flavans (Schiff base). <i>Microchemical Journal</i> , <b>2022</b> , 178, 107429	4.8	0
182	Fast LC-MS/MS screening method for the evaluation of drugs, illicit drugs, and other compounds in biological matrices. <i>Talanta Open</i> , <b>2022</b> , 5, 100105	5.6	4
181	Artisanal fortified beers: Brewing, enrichment, HPLC-DAD analysis and preliminary screening of antioxidant and enzymatic inhibitory activities. <i>Food Bioscience</i> , <b>2022</b> , 48, 101721	4.9	1
180	Role of Ionic Liquids in Capillary Electrophoresis. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , <b>2022</b> , 3, 236-250	1.4	2
179	Fabric Phase Sorptive Extraction (FPSE) as an efficient sample preparation platform for the extraction of antidepressant drugs from biological fluids. <i>Advances in Sample Preparation</i> , <b>2022</b> , 3, 100022		1
178	Simultaneous determination of febuxostat and montelukast in human plasma using fabric phase sorptive extraction and high performance liquid chromatography-fluorimetric detection.. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1188, 123070	3.2	1
177	Determination of phenolic compounds in human saliva after oral administration of red wine by high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 209, 114486	3.5	2
176	Fast Quantitative LC-MS/MS Determination of Illicit Substances in Solid and Liquid Unknown Seized Samples. <i>Analytical Chemistry</i> , <b>2021</b> ,	7.8	3
175	Phytopharmacological Evaluation of Different Solvent Extract/Fractions From L. Flowers: From Traditional Therapies to Bioactive Compounds. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 708618	5.6	0
174	Ionic Liquids in Analytical Chemistry: Applications and Recent Trends. <i>Current Analytical Chemistry</i> , <b>2021</b> , 17,	1.7	6
173	Phytochemical composition and in-vitro pharmacological evaluation of <i>Emex australis</i> Steinh: A natural source of enzyme inhibitors. <i>South African Journal of Botany</i> , <b>2021</b> ,	2.9	1
172	Metformin residue analysis in water by MWCNTs-based solid-phase micromembrane tip extraction and capillary electrophoresis methods. <i>International Journal of Environmental Science and Technology</i> , <b>2021</b> , 18, 3419	3.3	2
171	Therapeutic Drug Monitoring of Antiseizure Medications Using Volumetric Absorptive Microsampling: Where Are We?. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	2

170	Determination of Polycyclic Aromatic Hydrocarbons in Nutritional Supplements by Fabric Phase Sorptive Extraction (FPSE) with High-Performance Liquid Chromatography (HPLC) with Fluorescence Detection. <i>Analytical Letters</i> , <b>2021</b> , 54, 1683-1696	2.2	7
169	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> ,	3.2	5
168	Investigation of phytochemical composition and enzyme inhibitory potential of L. <i>Natural Product Research</i> , <b>2021</b> , 1-6	2.3	1
167	Sensitive determination of Fluoxetine and Citalopram antidepressants in urine and wastewater samples by liquid chromatography coupled with photodiode array detector. <i>Journal of Chromatography A</i> , <b>2021</b> , 1648, 462215	4.5	6
166	An Authentication Study on Grappa Spirit: The Use of Chemometrics to Detect a Food Fraud. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , <b>2021</b> , 2, 84-92	1.4	1
165	Thallium: A Polluting Metal of New Generation. Its Voltammetric Determination in Herbal Medicines in Presence of Metal Interferences. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , <b>2021</b> , 2, 76-83	1.4	0
164	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. <i>Talanta</i> , <b>2021</b> , 230, 122307	6.2	23
163	Fast liquid chromatography-tandem mass spectrometry method for the simultaneous determination of phytocannabinoids in oily based preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 203, 114174	3.5	2
162	Investigation into the biological properties, secondary metabolites composition, and toxicity of aerial and root parts of Capparis spinosa L.: An important medicinal food plant. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 155, 112404	4.7	2
161	A comparison of chiral separations by supercritical fluid chromatography and high-performance liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2021</b> , 1-14	1.3	1
160	Fabric-Phase Sorptive Membrane Array As a Noninvasive Sampling Device For Human Exposure To Different Compounds. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 1957-1961	7.8	24
159	Fabric phase sorptive extraction followed by HPLC-PDA detection for the monitoring of pirimicarb and fenitrothion pesticide residues. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 337	5.8	17
158	Exploring the Nutraceutical Potential of Dried Pepper L. on Market from Altino in Abruzzo Region. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	21
157	Filago germanica (L.) Huds. bioactive constituents: Secondary metabolites fingerprinting and in vitro biological assays. <i>Industrial Crops and Products</i> , <b>2020</b> , 152, 112505	5.9	4
156	A new LC-MS/MS confirmation method for the determination of 17 drugs of abuse in oral fluid and its application to real samples. <i>Forensic Science International</i> , <b>2020</b> , 312, 110330	2.6	11
155	Chemical Constituents and Biologic Activities of Sage Species: A Comparison between L., L. and. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	16
154	Ethanol Determination in Samples: Correlation between Blood and Vitreous Humor Concentration. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
153	Biofluid sampler: A new gateway for mail-in-analysis of whole blood samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1143, 122055	3.2	19

152	Enzyme and Biological Activities of the Water Extracts from the Plants , and That Are Used as Folk Remedies in Turkey. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
151	Secondary Metabolites Profiling, Biological Activities and Computational Studies of <i>Abutilon figarianum</i> Webb (Malvaceae). <i>Processes</i> , <b>2020</b> , 8, 336	2.9	2
150	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	11
149	Current Trends in Simultaneous Determination of Co-Administered Drugs. <i>Separations</i> , <b>2020</b> , 7, 29	3.1	6
148	Trends in the Analysis of Biopharmaceuticals by HPLC. <i>Current Analytical Chemistry</i> , <b>2020</b> , 16, 52-58	1.7	2
147	Fast off-line FPSE-HPLC-PDA determination of six NSAIDs in saliva samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1144, 122082	3.2	25
146	HPLC-PDA Polyphenolic Quantification, UHPLC-MS Secondary Metabolite Composition, and In Vitro Enzyme Inhibition Potential of. <i>Plants</i> , <b>2020</b> , 9,	4.5	9
145	L. Inflorescences from Monoecious Cultivars Grown in Central Italy: An Untargeted Chemical Characterization from Early Flowering to Ripening. <i>Molecules</i> , <b>2020</b> , 25,	4.8	21
144	Metabolic profiling of different wild and cultivated <i>Allium</i> species based on high-resolution mass spectrometry, high-performance liquid chromatography-photodiode array detector, and color analysis. <i>Journal of Mass Spectrometry</i> , <b>2020</b> , 55, e4525	2.2	5
143	Innovative approach to increase sensibility and selectivity in analytical chemistry: QuEChERS method <b>2020</b> , 2, 19-34		1
142	Ammonium glycyrrhizate skin delivery from ultradeformable liposomes: A novel use as an anti-inflammatory agent in topical drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 193, 111152	6	28
141	Metabolic fingerprinting, antioxidant characterization, and enzyme-inhibitory response of <i>Monotheca buxifolia</i> (Falc.) A. DC. extracts. <i>BMC Complementary Medicine and Therapies</i> , <b>2020</b> , 20, 313	2.9	6
140	Phytochemical Composition and Enzyme Inhibition Studies of <i>Buxus papillosa</i> C.K. Schneid. <i>Processes</i> , <b>2020</b> , 8, 757	2.9	0
139	Analytical Chemistry in the 21st Century: Challenges, Solutions, and Future Perspectives of Complex Matrices Quantitative Analyses in Biological/Clinical Field. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , <b>2020</b> , 1, 44-59	1.4	8
138	Multidirectional insights into the phytochemical, biological, and multivariate analysis of the famine food plant ( <i>Calligonum polygonoides</i> L.): A novel source of bioactive phytochemicals. <i>Food Research International</i> , <b>2020</b> , 137, 109606	7	5
137	Multi-Walled Carbon Nanotubes Solid-Phase Extraction and Capillary Electrophoresis Methods for the Analysis of 4-Cyanophenol and 3-Nitrophenol in Water. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
136	Mixed-mode fabric phase sorptive extraction of multiple tetracycline residues from milk samples prior to high performance liquid chromatography-ultraviolet analysis. <i>Microchemical Journal</i> , <b>2020</b> , 159, 105437	4.8	12
135	Synthesis and Biological Evaluation of Halogenated -Stilbenols as Promising Antiaging Agents. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5

134	Phytochemical and biological characterization of Italian "sedano bianco di Sperlonga" Protected Geographical Indication celery ecotype: A multimethodological approach. <i>Food Chemistry</i> , <b>2020</b> , 309, 125649	8.5	16
133	Reflectance colorimetry: a mirror for food quality – mini review. <i>European Food Research and Technology</i> , <b>2020</b> , 246, 259-272	3.4	10
132	Application of liquid-phase microextraction to the analysis of plant and herbal samples. <i>Phytochemical Analysis</i> , <b>2020</b> , 31, 687-699	3.4	7
131	Analysis of monophenols <b>2020</b> , 19-37		
130	Analysis of monoterpenes and monoterpenoids <b>2020</b> , 274-286		3
129	Analysis of amines <b>2020</b> , 569-591		
128	Hypoglycemic, Antiglycation, and Cytoprotective Properties of a Phenol-Rich Extract From Waste Peel of L. var. Dente di Cavallo DC2. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
127	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. <i>Molecules</i> , <b>2019</b> , 24,	4.8	15
126	Influence of Ellagitannins Extracted by Pomegranate Fruit on Disulfide Isomerase PDIA3 Activity. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	17
125	Pharmacological, phytochemical and in-vivo toxicological perspectives of a xero-halophyte medicinal plant: Zaleya pentandra (L.) Jeffrey. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 131, 110535	4.7	6
124	An FPSE-HPLC-PDA method for rapid determination of solar UV filters in human whole blood, plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1118-1119, 40-50	3.2	34
123	Enzyme-assisted extractions of polyphenols [A comprehensive review. <i>Trends in Food Science and Technology</i> , <b>2019</b> , 88, 302-315	15.3	82
122	Liquid Phase and Microwave-Assisted Extractions for Multicomponent Phenolic Pattern Determination of Five Romanian Galium Species Coupled with Bioassays. <i>Molecules</i> , <b>2019</b> , 24,	4.8	16
121	subsp. : Analytical Characterization and Biological Activities. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	3
120	A Quick and Efficient Non-Targeted Screening Test for Saffron Authentication: Application of Chemometrics to Gas-Chromatographic Data. <i>Molecules</i> , <b>2019</b> , 24,	4.8	18
119	FPSE-HPLC-PDA analysis of seven paraben residues in human whole blood, plasma, and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1125, 121707	3.2	34
118	Phytochemical composition and in vitro pharmacological investigations of Neurada procumbens L. (Neuradaceae): A multidirectional approach for industrial products. <i>Industrial Crops and Products</i> , <b>2019</b> , 142, 111861	5.9	6
117	Investigation on the Stability of New Biologically Active Thiosemicarbazone- Derived Compounds by a Validated HPLC-PDA Method. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 313-320	1.7	2

116	Innovative Configurations of Sample Preparation Techniques Applied in Bioanalytical Chemistry: A Review. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 731-744	1.7	17
115	Phenolic Profile and Bioactivities of L.: The Plant, Its Most Active Extract, and Its Broad Biological Properties. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1642	5.6	10
114	Polyphenols from (Goji) Fruit European Cultivars at Different Maturation Steps: Extraction, HPLC-DAD Analyses, and Biological Evaluation. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	16
113	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. <i>Molecules</i> , <b>2019</b> , 24,	4.8	12
112	Analytical Methodology for Trace Determination of Propoxur and Fenitrothion Pesticide Residues by Decanoic Acid Modified Magnetic Nanoparticles. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
111	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. <i>Analytical</i>	3.2	15
110	Characterization of the Phytochemical Profiles and Biological Activities of <i>Ajuga chamaepitys</i> subsp. <i>chia</i> var. <i>chia</i> and <i>Ajuga bombycina</i> by High-Performance Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry (HPLC-ESI/MS <sup>n</sup> ). <i>Analytical Letters</i> , <b>2019</b> , 52, 852-868	2.2	3
109	In vitro biological propensities and chemical profiling of <i>Euphorbia milii</i> Des Moul (Euphorbiaceae): A novel source for bioactive agents. <i>Industrial Crops and Products</i> , <b>2019</b> , 130, 9-15	5.9	19
108	Phytochemical analyses and pharmacological screening of Neem oil. <i>South African Journal of Botany</i> , <b>2019</b> , 120, 331-337	2.9	10
107	New pharmacological targets of three species using and models of inflammation and oxidative stress. <i>International Journal of Environmental Health Research</i> , <b>2019</b> , 29, 520-530	3.6	2
106	Multiple pharmacological approaches on hydroalcoholic extracts from different parts of <i>Cynoglossum creticum</i> Mill. (Boraginaceae). <i>Plant Biosystems</i> , <b>2019</b> , 153, 633-639	1.6	4
105	Unravelling the potential of the medicinal halophyte <i>Eryngium maritimum</i> L.: In vitro inhibition of diabetes-related enzymes, antioxidant potential, polyphenolic profile and mineral composition. <i>South African Journal of Botany</i> , <b>2019</b> , 120, 204-212	2.9	6
104	Chemical composition and biological activity of <i>Capparis spinosa</i> L. from Lipari Island. <i>South African Journal of Botany</i> , <b>2019</b> , 120, 135-140	2.9	16
103	A multi-methodological approach in the study of Italian PDO "Cornetto di Pontecorvo" red sweet pepper. <i>Food Chemistry</i> , <b>2018</b> , 255, 120-131	8.5	28
102	Multiple pharmacological approaches on <i>Fibigia eriocarpa</i> extracts by in vitro and computational assays. <i>Fundamental and Clinical Pharmacology</i> , <b>2018</b> , 32, 400-413	3.1	10
101	<i>Crocus sativus</i> L. stigmas and byproducts: Qualitative fingerprint, antioxidant potentials and enzyme inhibitory activities. <i>Food Research International</i> , <b>2018</b> , 109, 91-98	7	82
100	UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji ( <i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory, and real-time cytotoxicological evaluation. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 115, 414-424	4.7	54
99	<i>Capsicum annum</i> L. var. Cornetto di Pontecorvo PDO: Polyphenolic profile and in vitro biological activities. <i>Journal of Functional Foods</i> , <b>2018</b> , 40, 679-691	5.1	20

98	Development of novel techniques to extract phenolic compounds from Romanian cultivars of <i>Prunus domestica</i> L. and their biological properties. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 119, 189-198	4.7	33
97	Multidirectional investigations on different parts of <i>Allium scorodoprasum</i> L. subsp. <i>rotundum</i> (L.) Stearn: Phenolic components, in vitro biological, and in silico propensities. <i>Food Research International</i> , <b>2018</b> , 108, 641-649	7	19
96	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1084, 53-63	3.2	44
95	Chemical composition and biological activities of extracts from three <i>Salvia</i> species: <i>S. blepharochlaena</i> , <i>S. euphratica</i> var. <i>leicalycina</i> , and <i>S. verticillata</i> subsp. <i>amasiaca</i> . <i>Industrial Crops and Products</i> , <b>2018</b> , 111, 11-21	5.9	64
94	FPSE-HPLC-DAD method for the quantification of anticancer drugs in human whole blood, plasma, and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1095, 204-213	3.2	49
93	Extracellular Guanosine 5Triphosphate Induces Human Muscle Satellite Cells to Release Exosomes Stuffed With Guanosine. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 152	5.6	12
92	Polyphenolic composition, enzyme inhibitory effects ex-vivo and in-vivo studies on two Brassicaceae of north-central Italy. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 107, 129-138	7.5	38
91	A Comparative Assessment of Biological Effects and Chemical Profile of Italian <i>Asphodeline lutea</i> Extracts. <i>Molecules</i> , <b>2018</b> , 23,	4.8	22
90	Qualitative and Quantitative Phytochemical Analysis of Different Extracts from <i>Thymus algeriensis</i> Aerial Parts. <i>Molecules</i> , <b>2018</b> , 23,	4.8	18
89	Graminex Pollen: Phenolic Pattern, Colorimetric Analysis and Protective Effects in Immortalized Prostate Cells (PC3) and Rat Prostate Challenged with LPS. <i>Molecules</i> , <b>2018</b> , 23,	4.8	46
88	Food Sample Preparation for the Determination of Sulfonamides by High-Performance Liquid Chromatography: State-of-the-Art. <i>Separations</i> , <b>2018</b> , 5, 31	3.1	22
87	Investigations into the therapeutic potential of <i>Asphodeline liburnica</i> roots: In vitro and in silico biochemical and toxicological perspectives. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 120, 172-182	4.7	10
86	Impact of different geographical locations on varying profile of bioactives and associated functionalities of caper ( <i>Capparis spinosa</i> L.). <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 181-189	4.7	23
85	A Review on the Dietary Flavonoid Tiliroside. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2018</b> , 17, 1395-1421	16.4	26
84	A Polyphenol Rich Extract from L. DR2 Peel Exhibits Antioxidant Properties and Anti-Herpes Simplex Virus Type 1 Activity In Vitro. <i>Molecules</i> , <b>2018</b> , 23,	4.8	31
83	Antiviral and Antioxidant Activity of a Hydroalcoholic Extract from L. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 5919237	6.7	30
82	Desf. Aerial Parts: Extraction Procedures, Secondary Metabolites and Color Analysis. <i>Molecules</i> , <b>2018</b> , 23,	4.8	13
81	Herbal Medicines: Application of a Sequential Voltammetric Procedure to the Determination of Mercury, Copper, Lead, Cadmium and Zinc at Trace Level. <i>Letters in Drug Design and Discovery</i> , <b>2018</b> , 15,	0.8	8

80	Use of Innovative (Micro)Extraction Techniques to Characterise Harpagophytum procumbens Root and its Commercial Food Supplements. <i>Phytochemical Analysis</i> , <b>2018</b> , 29, 233-241	3.4	33
79	Bioactive isoflavones from Pueraria lobata root and starch: Different extraction techniques and carbonic anhydrase inhibition. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 112, 441-447	4.7	27
78	Chromatographic Analyses, In Vitro Biological Activities, and Cytotoxicity of Cannabis sativa L. Essential Oil: A Multidisciplinary Study. <i>Molecules</i> , <b>2018</b> , 23,	4.8	61
77	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. <i>Journal of Functional Foods</i> , <b>2018</b> , 47, 562-574	5.1	42
76	Simultaneous quantification of Gemcitabine and Irinotecan hydrochloride in rat plasma by using high performance liquid chromatography-diode array detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 159, 192-199	3.5	11
75	Optimization of Aqueous Extraction and Biological Activity of Harpagophytum procumbens Root on Ex Vivo Rat Colon Inflammatory Model. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 937-944	6.7	45
74	Anti-diabetic and anti-hyperlipidemic properties of Capparis spinosa L.: In vivo and in vitro evaluation of its nutraceutical potential. <i>Journal of Functional Foods</i> , <b>2017</b> , 35, 32-42	5.1	85
73	Physicochemical characterization of pH-responsive and fusogenic self-assembled non-phospholipid vesicles for a potential multiple targeting therapy. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 528, 18-32	6.5	15
72	An assessment of the nutraceutical potential of Juglans regia L. leaf powder in diabetic rats. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 554-564	4.7	57
71	Evaluation of processing effects on anthocyanin content and colour modifications of blueberry (Vaccinium spp.) extracts: Comparison between HPLC-DAD and CIELAB analyses. <i>Food Chemistry</i> , <b>2017</b> , 232, 114-123	8.5	47
70	In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of Potentilla thuringiaca. <i>Phytochemistry Letters</i> , <b>2017</b> , 20, 365-372	1.9	179
69	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 87, 27-36	7.5	64
68	A comprehensive review of agrimoniin. <i>Annals of the New York Academy of Sciences</i> , <b>2017</b> , 1401, 166-180.	6.5	23
67	Protective Effects Induced by Microwave-Assisted Aqueous Harpagophytum Extract on Rat Cortex Synaptosomes Challenged with Amyloid $\beta$ Peptide. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 1257-1264	6.7	44
66	Application of deep eutectic solvents in analytical chemistry. A review. <i>Microchemical Journal</i> , <b>2017</b> , 135, 33-38	4.8	311
65	Analysis of imidazoles and triazoles in biological samples after MicroExtraction by packed sorbent. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 1-11	5.6	26
64	Chemical characterization, antioxidant properties, anti-inflammatory activity, and enzyme inhibition of Ipomoea batatas L. leaf extracts. <i>International Journal of Food Properties</i> , <b>2017</b> , 1-13	3	17
63	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1040, 102-109	3.2	48



62	Multicomponent pattern and biological activities of seven Asphodeline taxa: potential sources of natural-functional ingredients for bioactive formulations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 60-67	5.6	54
61	Cytotoxic and Enzyme Inhibitory Potential of Two species ( L. and Willd.) and Their Chemical Composition. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 290	5.6	138
60	Recent Trends in Microextraction Techniques Employed in Analytical and Bioanalytical Sample Preparation. <i>Separations</i> , <b>2017</b> , 4, 36	3.1	86
59	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of DSM 17938. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1040	5.7	48
58	Antioxidant and Enzyme Inhibitory Activities of Extracts from Wild Mushroom Species from Turkey. <i>International Journal of Medicinal Mushrooms</i> , <b>2017</b> , 19, 327-336	1.3	8
57	Crocus sativus, Serenoa repens and Pinus massoniana extracts modulate inflammatory response in isolated rat prostate challenged with LPS. <i>Journal of Biological Regulators and Homeostatic Agents</i> , <b>2017</b> , 31, 531-541	0.7	28
56	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?. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 754-9	5.6	41
55	Stability study of Prulifloxacin and Ulifloxacin in human plasma by HPLC-DAD. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 106-11	5.6	9
54	Microwave-assisted extraction, HPLC analysis, and inhibitory effects on carbonic anhydrase I, II, VA, and VII isoforms of 14 blueberry Italian cultivars. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 1-6	5.6	43
53	Microextraction by packed sorbent and HPLC-PDA quantification of multiple anti-inflammatory drugs and fluoroquinolones in human plasma and urine. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 110-116	5.6	43
52	Chemical and biological insights on Cotoneaster integerrimus: A new (-)- epicatechin source for food and medicinal applications. <i>Phytomedicine</i> , <b>2016</b> , 23, 979-88	6.5	50
51	Analytical methods for the endocrine disruptor compounds determination in environmental water samples. <i>Journal of Chromatography A</i> , <b>2016</b> , 1434, 1-18	4.5	65
50	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. <i>European Journal of Integrative Medicine</i> , <b>2016</b> , 8, 286-292	1.7	78
49	Total Phenolics, Flavonoids, Condensed Tannins Content of Eight Centaurea Species and Their Broad Inhibitory Activities against Cholinesterase, Tyrosinase, $\alpha$ -Amylase and $\beta$ -Glucosidase. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2016</b> , 44, 195-200	1.2	30
48	Comparative study of biological activities and multicomponent pattern of two wild Turkish species: Asphodeline anatolica and Potentilla speciosa. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 203-208	5.6	40
47	Simultaneous determination of eperisone hydrochloride and paracetamol in mouse plasma by high performance liquid chromatography-photodiode array detector. <i>Journal of Chromatography A</i> , <b>2015</b> , 1388, 79-86	4.5	22
46	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. <i>Journal of Chromatography A</i> , <b>2015</b> , 1419, 58-66	4.5	59
45	HPLC-FLD and spectrofluorometer apparatus: How to best detect fluorescent probe-loaded niosomes in biological samples. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 135, 575-580	6	12

44	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. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 911-7	1.7	4
43	Screening for novel plant sources of prenyloxyanthraquinones: Senna alexandrina Mill. and Aloe vera (L.) Burm. F. <i>Natural Product Research</i> , <b>2015</b> , 29, 180-4	2.3	18
42	Long Term Stability Evaluation of Prostacyclin Released from Biomedical Device through Turbiscan Lab Expert. <i>Medicinal Chemistry</i> , <b>2015</b> , 11, 391-9	1.8	7
41	Recent Advances in the Separation and Determination of Impurities in Pharmaceutical Products. <i>Instrumentation Science and Technology</i> , <b>2015</b> , 43, 182-196	1.4	18
40	Aqueous Extracts of Selected Potentilla Species Modulate Biological Activity of Human Normal Colon Cells. <i>Current Drug Targets</i> , <b>2015</b> , 16, 1495-502	3	18
39	(1- $\beta$ )-D-Glucans from <i>Aspergillus</i> spp.: Structural Characterization and Biological Study on their Carboxymethylated Derivatives. <i>Current Drug Targets</i> , <b>2015</b> , 16, 1488-94	3	7
38	Secondary Plant Metabolites LogP Determination: the Case of Boropinic and Geraniolxyferulic Acids. <i>Current Bioactive Compounds</i> , <b>2015</b> , 11, 131-141	0.9	2
37	In vitro activity of Aloe vera inner gel against <i>Helicobacter pylori</i> strains. <i>Letters in Applied Microbiology</i> , <b>2014</b> , 59, 43-8	2.9	33
36	HPLC analysis of 4 $\alpha$ -geranyloxyferulic and boropinic acids in grapefruits of different geographical origin. <i>Phytochemistry Letters</i> , <b>2014</b> , 8, 190-192	1.9	6
35	Microextraction by packed sorbent and high performance liquid chromatography determination of seven non-steroidal anti-inflammatory drugs in human plasma and urine. <i>Journal of Chromatography A</i> , <b>2014</b> , 1367, 1-8	4.5	53
34	Analysis of biologically active oxyprenylated ferulic acid derivatives in Citrus fruits. <i>Plant Foods for Human Nutrition</i> , <b>2014</b> , 69, 255-60	3.9	33
33	Toxic Metals in Herbal Medicines. A Review. <i>Current Bioactive Compounds</i> , <b>2014</b> , 10, 181-188	0.9	20
32	Extraction and Detection Techniques for PAHs Determination in Beverages: A Review. <i>Current Chromatography</i> , <b>2014</b> , 1, 122-138	0.4	13
31	Biological active analogues of the opioid peptide biphalin: mixed $\alpha$ ( $\beta$ )-peptides. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 3419-23	8.3	26
30	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 112, 548-53	6	97
29	Trace level voltammetric determination of heavy metals and total mercury in tea matrices ( <i>Camellia sinensis</i> ). <i>Food and Chemical Toxicology</i> , <b>2013</b> , 62, 901-907	4.7	20
28	Anthraquinone profile, antioxidant and antimicrobial activity of bark extracts of <i>Rhamnus alaternus</i> , <i>R. fallax</i> , <i>R. intermedia</i> and <i>R. pumila</i> . <i>Food Chemistry</i> , <b>2013</b> , 136, 335-41	8.5	49
27	High performance liquid chromatography determination of prulifloxacin and five related impurities in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 78-79, 27-33	3.5	12

26	Phytochemistry and pharmacognosy of naturally occurring prenyloxyanthraquinones. <i>Current Drug Targets</i> , <b>2013</b> , 14, 959-63	3	6
25	Application of pyrolysis-gas chromatography-mass spectrometry and multivariate analysis to study bacteria and fungi in biofilms used for bioremediation. <i>Current Drug Targets</i> , <b>2013</b> , 14, 1023-33	3	14
24	Trace level voltammetric determination of heavy metals and total mercury in tea matrices ( <i>Camellia sinensis</i> ). <i>Food and Chemical Toxicology</i> , <b>2013</b> , 62, 901-7	4.7	5
23	Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein A-I variant. <i>Liver International</i> , <b>2012</b> , 32, 1363-71	7.9	17
22	RECENT HPLC STRATEGIES TO IMPROVE SENSITIVITY AND SELECTIVITY FOR THE ANALYSIS OF COMPLEX MATRICES. <i>Instrumentation Science and Technology</i> , <b>2012</b> , 40, 112-137	1.4	38
21	Synthesis and bioactivity of secondary metabolites from marine sponges containing dibrominated indolic systems. <i>Molecules</i> , <b>2012</b> , 17, 6083-99	4.8	43
20	Analysis of anti-inflammatory enantiomers by HPLC in human plasma and urine: a review. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , <b>2012</b> , 11, 96-112	2	8
19	Re-investigation of the Anthraquinone Pool of <i>Rhamnus</i> spp.: Madagascin from the Fruits of <i>Rhamnus cathartica</i> and <i>R. intermedia</i> . <i>Natural Product Communications</i> , <b>2012</b> , 7, 1934578X1200700	0.9	1
18	Screening for oxyprenylated anthraquinones in Mediterranean <i>Rhamnus</i> species. <i>Biochemical Systematics and Ecology</i> , <b>2012</b> , 43, 125-127	1.4	9
17	Development and application of high-performance liquid chromatography for the study of two new oxyprenylated anthraquinones produced by <i>Rhamnus</i> species. <i>Journal of Chromatography A</i> , <b>2012</b> , 1225, 113-20	4.5	36
16	Anthraquinone profiles, antioxidant and antimicrobial properties of <i>Frangula rupestris</i> (Scop.) Schur and <i>Frangula alnus</i> Mill. bark. <i>Food Chemistry</i> , <b>2012</b> , 131, 1174-1180	8.5	49
15	Recent application of analytical methods to phase I and phase II drugs development: a review. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 283-300	1.7	27
14	Novel prodrugs for the treatment of colonic diseases based on 5-aminosalicylic acid, 4Rgeranyloxyferulic acid, and auraptene: biological activities and analytical assays. <i>Current Drug Delivery</i> , <b>2012</b> , 9, 112-21	3.2	7
13	Re-investigation of the anthraquinone pool of <i>Rhamnus</i> spp.: madagascin from the fruits of <i>Rhamnus cathartica</i> and <i>R. intermedia</i> . <i>Natural Product Communications</i> , <b>2012</b> , 7, 1029-32	0.9	6
12	Anthraquinone Profile, Antioxidant and Antimicrobial Properties of Bark Extracts of <i>Rhamnus catharticus</i> and <i>R. orbiculatus</i> . <i>Natural Product Communications</i> , <b>2011</b> , 6, 1934578X1100600	0.9	8
11	Use of HPLC in the Determination of the Molar Absorptivity of 4?-Geranyloxyferulic Acid and Boropinic Acid. <i>Chromatographia</i> , <b>2011</b> , 73, 889-896	2.1	7
10	Anthraquinones: analytical techniques as a novel tool to investigate on the triggering of biological targets. <i>Current Drug Targets</i> , <b>2011</b> , 12, 366-80	3	40
9	Anthraquinone profile, antioxidant and antimicrobial properties of bark extracts of <i>Rhamnus catharticus</i> and <i>R. orbiculatus</i> . <i>Natural Product Communications</i> , <b>2011</b> , 6, 1275-80	0.9	19

8	Quantification of 4Rgeranyloxyferulic acid, a new natural colon cancer chemopreventive agent, by HPLC-DAD in grapefruit skin extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 212-4	3.5	19
7	Comparison of three different extraction methods and HPLC determination of the anthraquinones aloe-emodine, emodine, rheine, chrysophanol and physcione in the bark of <i>Rhamnus alpinus</i> L. (Rhamnaceae). <i>Phytochemical Analysis</i> , <b>2010</b> , 21, 261-7	3.4	47
6	Anthraquinone profile and chemical fingerprint of <i>Rhamnus saxatilis</i> L. from Italy. <i>Phytochemistry Letters</i> , <b>2009</b> , 2, 223-226	1.9	31
5	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2008</b> , 872, 99-106	3.2	51
4	Synovial and plasma glucosamine concentrations in osteoarthritic patients following oral crystalline glucosamine sulphate at therapeutic dose. <i>Osteoarthritis and Cartilage</i> , <b>2007</b> , 15, 764-72	6.2	95
3	Development and validation of a sensitive HPLC-ESI-MS/MS method for the direct determination of glucosamine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 844, 119-26	3.2	48
2	Glucosamine oral bioavailability and plasma pharmacokinetics after increasing doses of crystalline glucosamine sulfate in man. <i>Osteoarthritis and Cartilage</i> , <b>2005</b> , 13, 1041-9	6.2	120
1	Sensitive determination of Anastrozole and Letrozole in urine samples by novel magnetic nanoparticles containing tetraethylenepentamine (TEPA) prior to analysis by high-performance liquid chromatography-diode array detection. <i>Chemical Papers</i> , 1	1.9	1