

Jessica Fiori

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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.

75 papers	2,304 citations	23 h-index	46 g-index
79 ext. papers	2,801 ext. citations	4.4 avg, IF	4.4 L-index

#	Paper	IF	Citations
75	Gut microbiome of the Hadza hunter-gatherers. <i>Nature Communications</i> , 2014 , 5, 3654	17.4	780
74	Behçet's syndrome patients exhibit specific microbiome signature. <i>Autoimmunity Reviews</i> , 2015 , 14, 269-276	16.6	153
73	Infant and Adult Gut Microbiome and Metabolome in Rural Bassa and Urban Settlers from Nigeria. <i>Cell Reports</i> , 2018 , 23, 3056-3067	10.6	84
72	Kinetic characterization of amyloid-beta 1-42 aggregation with a multimethodological approach. <i>Analytical Biochemistry</i> , 2011 , 414, 215-25	3.1	84
71	Gut microbiota trajectory in pediatric patients undergoing hematopoietic SCT. <i>Bone Marrow Transplantation</i> , 2015 , 50, 992-8	4.4	80
70	DnaK from <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> is a surface-exposed human plasminogen receptor upregulated in response to bile salts. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 1609-1618	2.9	79
69	Fecal metabolome of the Hadza hunter-gatherers: a host-microbiome integrative view. <i>Scientific Reports</i> , 2016 , 6, 32826	4.9	50
68	Amyloid β peptide 25-35 self-assembly and its inhibition: a model undecapeptide system to gain atomistic and secondary structure details of the Alzheimer's disease process and treatment. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 952-62	5.7	50
67	Analysis of Amaryllidaceae alkaloids from <i>Narcissus</i> by GC-MS and capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 42, 17-24	3.5	45
66	Protective Effects of Cyanidin-3-O- β -glucopyranoside Against UVA-induced Oxidative Stress in Human Keratinocytes. <i>Photochemistry and Photobiology</i> , 2005 , 81, 623	3.6	41
65	UHPLC determination of catechins for the quality control of green tea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 307-14	3.5	39
64	Microemulsion electrokinetic chromatography of corticosteroids. Effect of surfactants and cyclodextrins on the separation selectivity. <i>Journal of Chromatography A</i> , 2005 , 1081, 24-30	4.5	36
63	Enteral Nutrition in Pediatric Patients Undergoing Hematopoietic SCT Promotes the Recovery of Gut Microbiome Homeostasis. <i>Nutrients</i> , 2019 , 11,	6.7	33
62	Histone deacetylase 1: a target of 9-hydroxystearic acid in the inhibition of cell growth in human colon cancer. <i>Journal of Lipid Research</i> , 2005 , 46, 1596-603	6.3	32
61	LC-MS method for the simultaneous determination of six glucocorticoids in pharmaceutical formulations and counterfeit cosmetic products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 91, 185-92	3.5	31
60	Determination of triclosan in personal health care products by liquid chromatography (HPLC). <i>Il Farmaco</i> , 2002 , 57, 369-72		31
59	Photodegradation studies on lacidipine in solution: basic experiments with a cis-trans reversible photoequilibrium under UV-A radiation exposure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 803-12	3.5	29

58	Chiral capillary liquid chromatography based on penicillin G acylase immobilized on monolithic epoxy silica column. <i>Journal of Chromatography A</i> , 2012 , 1234, 45-9	4.5	28
57	Histone proteins determined in a human colon cancer by high-performance liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1129, 73-81	4.5	24
56	Investigation on the photochemical stability of lercanidipine and its determination in tablets by HPLC-UV and LC-ESI-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 176-81	3.5	24
55	Photostability studies on nicardipine-cyclodextrin complexes by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 267-75	3.5	24
54	Modified micellar electrokinetic chromatography in the analysis of catechins and xanthines in chocolate. <i>Electrophoresis</i> , 2004 , 25, 3282-91	3.6	24
53	Chiral analysis of theanine and catechin in characterization of green tea by cyclodextrin-modified micellar electrokinetic chromatography and high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018 , 1562, 115-122	4.5	24
52	Chromatographic (GC-MS, HPLC) and virological evaluations of <i>Salvia sclarea</i> infected by BBWV-I. <i>Il Farmaco</i> , 2001 , 56, 219-27		22
51	HPLC-DAD and LC-ESI-MS analysis of doxycycline and related impurities in doxipan mix, a medicated premix for incorporation in medicated feedstuff. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 979-85	3.5	21
50	Redox Signaling via Lipid Peroxidation Regulates Retinal Progenitor Cell Differentiation. <i>Developmental Cell</i> , 2019 , 50, 73-89.e6	10.2	20
49	GC-MS analysis of the lipophilic principles of <i>Echinacea purpurea</i> and evaluation of cucumber mosaic cucumovirus infection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 1053-60	3.5	19
48	Nature-Inspired Multifunctional Ligands: Focusing on Amyloid-Based Molecular Mechanisms of Alzheimer's Disease. <i>ChemMedChem</i> , 2016 , 11, 1309-17	3.7	19
47	Simultaneous HS-SPME GC-MS determination of short chain fatty acids, trimethylamine and trimethylamine N-oxide for gut microbiota metabolic profile. <i>Talanta</i> , 2018 , 189, 573-578	6.2	18
46	Cytotoxic activity of guaiazulene on gingival fibroblasts and the influence of light exposure on guaiazulene-induced cell death. <i>Toxicology in Vitro</i> , 2011 , 25, 64-72	3.6	18
45	Cytotoxic and cytostatic effects induced by 4-hydroxynonenal in human osteosarcoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 293, 1502-7	3.4	18
44	Differentiation of modern and ancient varieties of common wheat by quantitative capillary electrophoretic profile of phenolic acids. <i>Journal of Chromatography A</i> , 2018 , 1532, 208-215	4.5	18
43	Lunasin in wheat: a chemical and molecular study on its presence or absence. <i>Food Chemistry</i> , 2014 , 151, 520-5	8.5	17
42	Separation of alkaloids from <i>Echinacea purpurea</i> extracts by cyclodextrin-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2002 , 23, 3084-92	3.6	17
41	Identification and quantification of oxo-bile acids in human faeces with liquid chromatography-mass spectrometry: A potent tool for human gut acidic sterolbiome studies. <i>Journal of Chromatography A</i> , 2019 , 1585, 70-81	4.5	17

40	Stereoselective determination of allethrin by two-dimensional achiral/chiral liquid chromatography with ultraviolet/circular dichroism detection. <i>Journal of Chromatography A</i> , 2004 , 1046, 67-73	4.5	16
39	Disclosure of a fundamental clue for the elucidation of the myricetin mechanism of action as amyloid aggregation inhibitor by mass spectrometry. <i>Electrophoresis</i> , 2012 , 33, 3380-6	3.6	15
38	Study on the photostability of guaiazulene by high-performance liquid chromatography/mass spectrometry and gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 2698-706	2.2	14
37	HS-SPME/GCMS for the Quantitation and Chiral Characterization of Camphor and Menthol in Creams. <i>Chromatographia</i> , 2010 , 72, 941-947	2.1	13
36	Assessment of gut microbiota fecal metabolites by chromatographic targeted approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112867	3.5	12
35	Unprecedented Behavior of (9 R)-9-Hydroxystearic Acid-Loaded Keratin Nanoparticles on Cancer Cell Cycle. <i>Molecular Pharmaceutics</i> , 2019 , 16, 931-942	5.6	11
34	Polyamine Conjugation as a Promising Strategy To Target Amyloid Aggregation in the Framework of Alzheimer's Disease. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 1145-1150	4.3	11
33	Gut microbiome response to short-term dietary interventions in reactive hypoglycemia subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2017 , 33, e2927	7.5	10
32	Fine-tuning of the respiratory complexes stability and supercomplexes assembly in cells defective of complex III. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020 , 1861, 148133	4.6	10
31	Field-amplified sample injection and sweeping micellar electrokinetic chromatography in analysis of glyphosate and aminomethylphosphonic acid in wheat. <i>Journal of Chromatography A</i> , 2019 , 1601, 3573-3584	4.5	9
30	Determination of trans-anethole in Salvia sclarea essential oil by liquid chromatography and GC-MS. <i>Journal of Separation Science</i> , 2002 , 25, 703-709	3.4	9
29	Cellular and mitochondrial determination of low molecular mass organic acids by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 33-38	3.5	9
28	Determination of dermatan sulfate and chondroitin sulfate as related substances in heparin by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 1193-200	3.5	8
27	The role of polyamine architecture on the pharmacological activity of open lactone camptothecin-polyamine conjugates. <i>Bioconjugate Chemistry</i> , 2008 , 19, 2270-9	6.3	8
26	Guaiazulene in health care products: determination by GC-MS and HPLC-DAD and photostability test. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 710-5	3.5	7
25	Complex II phosphorylation is triggered by unbalanced redox homeostasis in cells lacking complex III. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018 , 1859, 182-190	4.6	6
24	Determination of Estragole in Fennel Herbal Teas by HS-SPME and GC/MS. <i>Analytical Letters</i> , 2014 , 47, 268-279	2.2	6
23	Investigation of the photochemical properties and in vitro phototoxic potential of bumetanide. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 1011-7	4.2	6

22	Application of an ESI-QTOF method for the detailed characterization of GSK-3 β inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 159-166	3.5	5
21	Determination of Phytomarkers in Pharmaceutical Preparations of <i>Hemidesmus indicus</i> Roots by Micellar Electrokinetic Chromatography and High-Performance Liquid Chromatography-Mass Spectrometry. <i>Analytical Letters</i> , 2014 , 47, 2629-2642	2.2	5
20	Mass spectrometry as an efficient tool for the characterization of amyloid β -peptide 25-35 self-assembly species in aggregation and inhibition studies. <i>European Journal of Mass Spectrometry</i> , 2013 , 19, 483-90	1.1	5
19	Relevance of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> plasminogen binding activity in the human gastrointestinal microenvironment. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7072-6	4.8	5
18	Photostability studies on the furosemide-triamterene drug association. <i>Il Farmaco</i> , 2003 , 58, 867-73		5
17	Analysis of neutral nitromusks in incenses by capillary electrophoresis in organic solvents and gas chromatography-mass spectrometry. <i>Electrophoresis</i> , 2005 , 26, 3325-32	3.6	5
16	Photomutagenic properties of terfenadine as revealed by a stepwise photostability, phototoxicity and photomutagenicity testing approach. <i>Photochemistry and Photobiology</i> , 2003 , 77, 356-61	3.6	5
15	Capillary electrophoresis method for speciation of iron (II) and iron (III) in pharmaceuticals by dual precapillary complexation. <i>Electrophoresis</i> , 2015 , 36, 2820-2827	3.6	4
14	Separation and quantitation of fructose-6-phosphate and fructose-1,6-diphosphate by LC-ESI-MS for the evaluation of fructose-1,6-biphosphatase activity. <i>Journal of Separation Science</i> , 2006 , 29, 2395-400	3.4	4
13	GC-FID/MS method for the impurity profiling of synthetic d-allethrin. <i>Journal of Separation Science</i> , 2004 , 27, 89-95	3.4	4
12	Liquid chromatography-tandem mass spectrometry for the identification of impurities in d-allethrin samples. <i>Journal of Chromatography A</i> , 2005 , 1099, 149-56	4.5	4
11	Stereoselective determination of allethrin by two-dimensional achiral/chiral liquid chromatography with ultraviolet/circular dichroism detection. <i>Journal of Chromatography A</i> , 2004 , 1046, 67-73	4.5	4
10	Indole Derivative Interacts with Estrogen Receptor Beta and Inhibits Human Ovarian Cancer Cell Growth. <i>Molecules</i> , 2020 , 25,	4.8	4
9	Isolation and Characterization of Wheat Derived Nonspecific Lipid Transfer Protein 2 (nsLTP2). <i>Journal of Food Science</i> , 2018 , 83, 1516-1521	3.4	4
8	Efficacy of a titanium dioxide nanoparticles - based indoor anti-odor product as assessed by electronic nose and gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 236-241	3.5	3
7	Rapid MALDI-TOF-MS analysis in the study of interaction between whole bacterial cells and human target molecules: binding of <i>Bifidobacterium</i> to human plasminogen. <i>Journal of Microbiological Methods</i> , 2008 , 73, 276-8	2.8	3
6	Direct determination of GSK-3 β activity and inhibition by UHPLC-UV-vis diode arrays detector (DAD). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 104-111	3.5	2
5	Low-Dose Antibiotic Prophylaxis Induces Rapid Modifications of the Gut Microbiota in Infants With Vesicoureteral Reflux. <i>Frontiers in Pediatrics</i> , 2021 , 9, 674716	3.4	2

4	Development of a high-performance affinity chromatography-based method to study the biological interaction between whole micro-organisms and target proteins. <i>Letters in Applied Microbiology</i> , 2010 , 51, 678-82	2.9	1
3	Bile acids and oxo-metabolites as markers of human faecal input in the ancient Pompeii ruins. <i>Scientific Reports</i> , 2021 , 11, 3650	4.9	1
2	Evaluation of Roasting Effect on Selected Green Tea Volatile Flavor Compound and Pyrazine Content by HS-SPME GC-MS. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8217	2.6	0
1	Analysis of fecal bile acids and metabolites by high resolution mass spectrometry in farm animals and correlation with microbiota.. <i>Scientific Reports</i> , 2022 , 12, 2866	4.9	0