

Jessica Fiori

List of Publications by Year in descending order

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75
papers

3,148
citations

218677

26
h-index

168389

53
g-index

79
all docs

79
docs citations

79
times ranked

5727
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiome of the Hadza hunter-gatherers. <i>Nature Communications</i> , 2014, 5, 3654.	12.8	1,067
2	Behçet's syndrome patients exhibit specific microbiome signature. <i>Autoimmunity Reviews</i> , 2015, 14, 269-276.	5.8	195
3	Infant and Adult Gut Microbiome and Metabolome in Rural Bassa and Urban Settlers from Nigeria. <i>Cell Reports</i> , 2018, 23, 3056-3067.	6.4	128
4	Gut microbiota trajectory in pediatric patients undergoing hematopoietic SCT. <i>Bone Marrow Transplantation</i> , 2015, 50, 992-998.	2.4	111
5	Kinetic characterization of amyloid-beta 1 β 42 aggregation with a multimethodological approach. <i>Analytical Biochemistry</i> , 2011, 414, 215-225.	2.4	103
6	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.	1.8	102
7	Fecal metabolome of the Hadza hunter-gatherers: a host-microbiome integrative view. <i>Scientific Reports</i> , 2016, 6, 32826.	3.3	88
8	Amyloid β -Peptide 25 β 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, 952-962.	3.5	85
9	Enteral Nutrition in Pediatric Patients Undergoing Hematopoietic SCT Promotes the Recovery of Gut Microbiome Homeostasis. <i>Nutrients</i> , 2019, 11, 2958.	4.1	63
10	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.	2.8	50
11	UHPLC determination of catechins for the quality control of green tea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 307-314.	2.8	50
12	Protective Effects of Cyanidin-3-O- β -glucopyranoside Against UVA-induced Oxidative Stress in Human Keratinocytes. <i>Photochemistry and Photobiology</i> , 2005, 81, 623.	2.5	46
13	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, 1596-1603.	4.2	41
14	Determination of triclosan in personal health care products by liquid chromatography (HPLC). <i>Il Farmaco</i> , 2002, 57, 369-372.	0.9	39
15	Microemulsion electrokinetic chromatography of corticosteroids. <i>Journal of Chromatography A</i> , 2005, 1081, 24-30.	3.7	39
16	Photodegradation studies on lacidipine in solution: basic experiments with a cis \rightleftharpoons trans reversible photoequilibrium under UV-A radiation exposure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 27, 803-812.	2.8	35
17	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, 185-192.	2.8	35
18	Redox Signaling via Lipid Peroxidation Regulates Retinal Progenitor Cell Differentiation. <i>Developmental Cell</i> , 2019, 50, 73-89.e6.	7.0	35

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19	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.	3.7	34
20	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.	5.5	33
21	Chiral capillary liquid chromatography based on penicillin G acylase immobilized on monolithic epoxy silica column. <i>Journal of Chromatography A</i> , 2012, 1234, 45-49.	3.7	32
22	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, 979-985.	2.8	31
23	Nature-Inspired Multifunctional Ligands: Focusing on Amyloid-Based Molecular Mechanisms of Alzheimer's Disease. <i>ChemMedChem</i> , 2016, 11, 1309-1317.	3.2	31
24	Photostability studies on nicardipine-cyclodextrin complexes by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 267-275.	2.8	29
25	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.	3.7	29
26	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, 176-181.	2.8	28
27	Chromatographic (GC-MS, HPLC) and virological evaluations of <i>Salvia sclarea</i> infected by BBWV-I. <i>Il Farmaco</i> , 2001, 56, 219-227.	0.9	27
28	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.	3.7	26
29	Modified micellar electrokinetic chromatography in the analysis of catechins and xanthines in chocolate. <i>Electrophoresis</i> , 2004, 25, 3282-3291.	2.4	25
30	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.	3.7	25
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, 357-364.	3.7	23
32	Assessment of gut microbiota fecal metabolites by chromatographic targeted approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112867.	2.8	23
33	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, 1053-1060.	2.8	22
34	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.	2.4	22
35	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.	2.8	21
36	Cytotoxic and cytostatic effects induced by 4-hydroxynonenal in human osteosarcoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1502-1507.	2.1	20

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37	Lunasin in wheat: A chemical and molecular study on its presence or absence. <i>Food Chemistry</i> , 2014, 151, 520-525.	8.2	20
38	Separation of alkaloids from <i>Echinacea purpurea</i> extracts by cyclodextrin-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2002, 23, 3084-3092.	2.4	19
39	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.	3.7	19
40	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, 2698-2706.	1.5	17
41	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, 3380-3386.	2.4	17
42	HS-SPME-GC-MS for the Quantitation and Chiral Characterization of Camphor and Menthol in Creams. <i>Chromatographia</i> , 2010, 72, 941-947.	1.3	16
43	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.	2.8	16
44	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.	1.0	16
45	Gut microbiome response to short-term dietary interventions in reactive hypoglycemia subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2927.	4.0	14
46	Unprecedented Behavior of (9 <i>R</i>)-9-Hydroxystearic Acid-Loaded Keratin Nanoparticles on Cancer Cell Cycle. <i>Molecular Pharmaceutics</i> , 2019, 16, 931-942.	4.6	14
47	Determination of trans-anethole in <i>Salvia sclarea</i> essential oil by liquid chromatography and GC-MS. <i>Journal of Separation Science</i> , 2002, 25, 703-709.	2.5	12
48	Low-Dose Antibiotic Prophylaxis Induces Rapid Modifications of the Gut Microbiota in Infants With Vesicoureteral Reflux. <i>Frontiers in Pediatrics</i> , 2021, 9, 674716.	1.9	11
49	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, 710-715.	2.8	10
50	The Role of Polyamine Architecture on the Pharmacological Activity of Open Lactone Camptothecin~Polyamine Conjugates. <i>Bioconjugate Chemistry</i> , 2008, 19, 2270-2279.	3.6	10
51	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, 1193-1200.	2.8	9
52	Determination of Estragole in Fennel Herbal Teas by HS-SPME and GC-MS. <i>Analytical Letters</i> , 2014, 47, 268-279.	1.8	9
53	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.	3.7	8
54	Liquid chromatography-tandem mass spectrometry for the identification of impurities in d-allethrin samples. <i>Journal of Chromatography A</i> , 2005, 1099, 149-156.	3.7	7

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55	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.	1.8	7
56	Capillary electrophoresis method for speciation of iron (II) and iron (III) in pharmaceuticals by dual precapillary complexation. <i>Electrophoresis</i> , 2015, 36, 2820-2827.	2.4	7
57	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.	2.8	7
58	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.	1.0	7
59	Indole Derivative Interacts with Estrogen Receptor Beta and Inhibits Human Ovarian Cancer Cell Growth. <i>Molecules</i> , 2020, 25, 4438.	3.8	7
60	Photostability studies on the furosemide–triamterene drug association. <i>Il Farmaco</i> , 2003, 58, 867-873.	0.9	6
61	Investigation of the photochemical properties and in vitro phototoxic potential of bumetanide. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1011.	2.9	6
62	GC-FID/MS method for the impurity profiling of synthetic d-allethrin. <i>Journal of Separation Science</i> , 2004, 27, 89-95.	2.5	6
63	Analysis of neutral nitromusks in incenses by capillary electrophoresis in organic solvents and gas chromatography-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 3325-3332.	2.4	6
64	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, 2395-2400.	2.5	6
65	Isolation and Characterization of Wheat Derived Nonspecific Lipid Transfer Protein 2 (nsLTP2). <i>Journal of Food Science</i> , 2018, 83, 1516-1521.	3.1	6
66	Bile acids and oxo-metabolites as markers of human faecal input in the ancient Pompeii ruins. <i>Scientific Reports</i> , 2021, 11, 3650.	3.3	6
67	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, 7072-7076.	3.1	5
68	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, 483-490.	1.0	5
69	Photomutagenic Properties of Terfenadine as Revealed by a Stepwise Photostability, Phototoxicity and Photomutagenicity Testing Approach. <i>Photochemistry and Photobiology</i> , 2003, 77, 356.	2.5	5
70	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.	3.3	5
71	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, 276-278.	1.6	4
72	Efficacy of a titanium dioxide nanoparticles γ 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.	2.8	4

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73	Development of a high-performance affinity chromatography-based method to study the biological interaction between whole micro-organisms and target proteins. Letters in Applied Microbiology, 2010, 51, 678-682.	2.2	2
74	Direct determination of GSK-3 β activity and inhibition by UHPLC-UV-vis diode arrays detector (DAD). Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 104-111.	2.8	2
75	Evaluation of Roasting Effect on Selected Green Tea Volatile Flavor Compound and Pyrazine Content by HS-SPME GC-MS. Applied Sciences (Switzerland), 2021, 11, 8217.	2.5	2