

Jessica Fiori

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.

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|-------------------|-------------------------|----------------|----------------|
| 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 | 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 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | Indole Derivative Interacts with Estrogen Receptor Beta and Inhibits Human Ovarian Cancer Cell Growth. <i>Molecules</i> , 2020 , 25, | 4.8 | 4 |
| 69 | Assessment of gut microbiota fecal metabolites by chromatographic targeted approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112867 | 3.5 | 12 |
| 68 | 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 |
| 67 | 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 | 4.5 | 9 |
| 66 | Redox Signaling via Lipid Peroxidation Regulates Retinal Progenitor Cell Differentiation. <i>Developmental Cell</i> , 2019 , 50, 73-89.e6 | 10.2 | 20 |
| 65 | Enteral Nutrition in Pediatric Patients Undergoing Hematopoietic SCT Promotes the Recovery of Gut Microbiome Homeostasis. <i>Nutrients</i> , 2019 , 11, | 6.7 | 33 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |

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| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | 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 |
| 53 | Fecal metabolome of the Hadza hunter-gatherers: a host-microbiome integrative view. <i>Scientific Reports</i> , 2016 , 6, 32826 | 4.9 | 50 |
| 52 | 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 |
| 51 | Nature-Inspired Multifunctional Ligands: Focusing on Amyloid-Based Molecular Mechanisms of Alzheimer's Disease. <i>ChemMedChem</i> , 2016 , 11, 1309-17 | 3.7 | 19 |
| 50 | 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 |
| 49 | Gut microbiota trajectory in pediatric patients undergoing hematopoietic SCT. <i>Bone Marrow Transplantation</i> , 2015 , 50, 992-8 | 4.4 | 80 |
| 48 | 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 |
| 47 | Behçet's syndrome patients exhibit specific microbiome signature. <i>Autoimmunity Reviews</i> , 2015 , 14, 269-76 | 6.6 | 153 |
| 46 | Lunasin in wheat: a chemical and molecular study on its presence or absence. <i>Food Chemistry</i> , 2014 , 151, 520-5 | 8.5 | 17 |
| 45 | 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 |
| 44 | 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 |
| 43 | Determination of Phytomarkers in Pharmaceutical Preparations of Hemidesmus indicus Roots by Micellar Electrokinetic Chromatography and High-Performance Liquid Chromatography-Mass Spectrometry. <i>Analytical Letters</i> , 2014 , 47, 2629-2642 | 2.2 | 5 |
| 42 | Gut microbiome of the Hadza hunter-gatherers. <i>Nature Communications</i> , 2014 , 5, 3654 | 17.4 | 780 |
| 41 | Determination of Estragole in Fennel Herbal Teas by HS-SPME and GC/MS. <i>Analytical Letters</i> , 2014 , 47, 268-279 | 2.2 | 6 |

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| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | Kinetic characterization of amyloid-beta 1-42 aggregation with a multimethodological approach. <i>Analytical Biochemistry</i> , 2011 , 414, 215-25 | 3.1 | 84 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | HSPME-GCMS for the Quantitation and Chiral Characterization of Camphor and Menthol in Creams. <i>Chromatographia</i> , 2010 , 72, 941-947 | 2.1 | 13 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 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 | 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 |
| 24 | 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 |
| 23 | 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 |

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| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 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 | 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 |
| 15 | Photostability studies on nicardipine-cyclodextrin complexes by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 267-75 | 3.5 | 24 |
| 14 | Modified micellar electrokinetic chromatography in the analysis of catechins and xanthines in chocolate. <i>Electrophoresis</i> , 2004 , 25, 3282-91 | 3.6 | 24 |
| 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 | 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 |
| 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 | Photostability studies on the furosemide-triamterene drug association. <i>Il Farmaco</i> , 2003 , 58, 867-73 | | 5 |
| 9 | 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 |
| 8 | 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 |
| 7 | Determination of triclosan in personal health care products by liquid chromatography (HPLC). <i>Il Farmaco</i> , 2002 , 57, 369-72 | | 31 |
| 6 | Separation of alkamides from <i>Echinacea purpurea</i> extracts by cyclodextrin-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2002 , 23, 3084-92 | 3.6 | 17 |
| 5 | 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 | 3.4 | 9 |

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| 4 | 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 |
| 3 | GC-MS analysis of the lipophilic principles of Echinacea purpurea and evaluation of cucumber mosaic cucumovirus infection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 1053-60 | 3.5 | 19 |
| 2 | 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 |
| 1 | Chromatographic (GC-MS, HPLC) and virological evaluations of Salvia sclarea infected by BBWV-I. <i>Il Farmaco</i> , 2001 , 56, 219-27 | | 22 |