

Flaminia Cesare Marincola

List of Publications by Year in descending order

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73
papers

1,680
citations

257357

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330025

37
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all docs

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docs citations

74
times ranked

2494
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Comparison of Mother's Milk and the Neonatal Urine Metabolome: A Unique Fingerprinting for Different Nutritional Phenotypes. <i>Metabolites</i> , 2022, 12, 113. | 1.3 | 2 |
| 2 | NMR Metabonomic Profile of Preterm Human Milk in the First Month of Lactation: From Extreme to Moderate Prematurity. <i>Foods</i> , 2022, 11, 345. | 1.9 | 5 |
| 3 | Theoretical and Experimental Study of the Excess Thermodynamic Properties of Highly Nonideal Liquid Mixtures of Butanol Isomers + DBE. <i>Journal of Physical Chemistry B</i> , 2021, 125, 587-600. | 1.2 | 4 |
| 4 | Sportomics in professional soccer players: metabolomics results during preseason. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 324-330. | 0.4 | 17 |
| 5 | Cholinium-Based Ionic Liquids from Hydroxycinnamic Acids as New Promising Bioactive Agents: A Combined Experimental and Theoretical Investigation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2975-2986. | 3.2 | 17 |
| 6 | Urine NMR Metabolomics Profile of Preterm Infants With Necrotizing Enterocolitis Over the First Two Months of Life: A Pilot Longitudinal Case-Control Study. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 680159. | 1.6 | 9 |
| 7 | Urinary Metabolomics Study of Patients with Bicuspid Aortic Valve Disease. <i>Molecules</i> , 2021, 26, 4220. | 1.7 | 3 |
| 8 | Human Milk Oligosaccharides: A Comprehensive Review towards Metabolomics. <i>Children</i> , 2021, 8, 804. | 0.6 | 15 |
| 9 | A Contribution to the Harmonization of Non-targeted NMR Methods for Data-Driven Food Authenticity Assessment. <i>Food Analytical Methods</i> , 2020, 13, 530-541. | 1.3 | 21 |
| 10 | Influence of Autochthonous Putative Probiotic Cultures on Microbiota, Lipid Components and Metabolome of Caciotta Cheese. <i>Frontiers in Microbiology</i> , 2020, 11, 583745. | 1.5 | 7 |
| 11 | Urinary Metabolomic Profile of Preterm Infants Receiving Human Milk with Either Bovine or Donkey Milk-Based Fortifiers. <i>Nutrients</i> , 2020, 12, 2247. | 1.7 | 7 |
| 12 | How porosity affects the emission of fluorescent carbon dot-silica porous composites. <i>Microporous and Mesoporous Materials</i> , 2020, 305, 110302. | 2.2 | 11 |
| 13 | Waste salt from the manufacturing process of mullet bottarga as source of oil with nutritional and nutraceutical properties. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5363-5372. | 1.7 | 4 |
| 14 | A community-built calibration system: The case study of quantification of metabolites in grape juice by qNMR spectroscopy. <i>Talanta</i> , 2020, 214, 120855. | 2.9 | 14 |
| 15 | Special Issue on "NMR-Based Metabolomics and Its Applications Volume 2", <i>Metabolites</i> , 2020, 10, 45. | 1.3 | 1 |
| 16 | Use of NMR applications to tackle future food fraud issues. <i>Trends in Food Science and Technology</i> , 2019, 91, 347-353. | 7.8 | 81 |
| 17 | Sea Salts Flavored with Mediterranean Herbs and Fruits Prevent Cholesterol and Phospholipid Membrane Oxidation and Cell Free Radical Generation. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700323. | 1.0 | 5 |
| 18 | Metabolomics of Breast Milk: The Importance of Phenotypes. <i>Metabolites</i> , 2018, 8, 79. | 1.3 | 33 |

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|----|--|-----|-----------|
| 19 | Novel drug delivery systems for natural extracts: The case study of Vitis Vinifera extract-SiO ₂ nanocomposites. <i>International Journal of Pharmaceutics</i> , 2018, 551, 84-96. | 2.6 | 7 |
| 20 | Sediments distribution of trace metals in a coastal lagoon (Southern Sardinia, Mediterranean Sea): assessment of contamination and ecological risk. <i>Chemistry and Ecology</i> , 2018, 34, 727-746. | 0.6 | 9 |
| 21 | Chemical Composition and Antioxidant Potential Differences between <i>Cynomorium coccineum</i> L. Growing in Italy and in Tunisia: Effect of Environmental Stress. <i>Diversity</i> , 2018, 10, 53. | 0.7 | 16 |
| 22 | The Effect of Season on the Metabolic Profile of the European Clam <i>Ruditapes decussatus</i> as Studied by 1H-NMR Spectroscopy. <i>Metabolites</i> , 2017, 7, 36. | 1.3 | 7 |
| 23 | Data on the changes of the mussels ^{x3} metabolic profile under different cold storage conditions. <i>Data in Brief</i> , 2016, 7, 951-957. | 0.5 | 6 |
| 24 | Metabolic responses of clams, <i>Ruditapes decussatus</i> and <i>Ruditapes philippinarum</i> , to short-term exposure to lead and zinc. <i>Marine Pollution Bulletin</i> , 2016, 107, 292-299. | 2.3 | 11 |
| 25 | Impact of Early Postnatal Nutrition on the NMR Urinary Metabolic Profile of Infant. <i>Journal of Proteome Research</i> , 2016, 15, 3712-3723. | 1.8 | 25 |
| 26 | Mugil cephalus roe oil obtained by supercritical fluid extraction affects the lipid profile and viability in cancer HeLa and B16F10 cells. <i>Food and Function</i> , 2016, 7, 4092-4103. | 2.1 | 11 |
| 27 | Metabolomics in necrotizing enterocolitis: the state of the art. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 1053-1058. | 1.5 | 15 |
| 28 | Metabolomics analysis of shucked mussels TM freshness. <i>Food Chemistry</i> , 2016, 205, 58-65. | 4.2 | 45 |
| 29 | Performance Assessment in Fingerprinting and Multi Component Quantitative NMR Analyses. <i>Analytical Chemistry</i> , 2015, 87, 6709-6717. | 3.2 | 45 |
| 30 | Clinical impact of human breast milk metabolomics. <i>Clinica Chimica Acta</i> , 2015, 451, 103-106. | 0.5 | 52 |
| 31 | Definition of food quality by NMR-based foodomics. <i>Current Opinion in Food Science</i> , 2015, 4, 99-104. | 4.1 | 62 |
| 32 | The biomarkers of fetal growth in intrauterine growth retardation and large for gestational age cases: from adipocytokines to a metabolomic all-in-one tool. <i>Expert Review of Proteomics</i> , 2015, 12, 309-316. | 1.3 | 17 |
| 33 | Comparative antioxidant activity and 1H NMR profiling of Mediterranean fruit products. <i>Food Research International</i> , 2015, 69, 322-330. | 2.9 | 15 |
| 34 | 1H NMR-based urine metabolic profile of IUGR, LGA, and AGA newborns in the first week of life. <i>Clinica Chimica Acta</i> , 2015, 451, 28-34. | 0.5 | 32 |
| 35 | Metabolomics and the great obstetrical syndromes “GDM, PET, and IUGR. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2015, 29, 156-164. | 1.4 | 50 |
| 36 | Multivariate Statistical Analysis of the UV-Vis Profiles of Wine Polyphenolic Extracts during Vinification. <i>Journal of Agricultural Science</i> , 2014, 6, . | 0.1 | 7 |

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|----|---|-----|-----------|
| 37 | Clinical Metabolomics and Nutrition: The New Frontier in Neonatology and Pediatrics. BioMed Research International, 2014, 2014, 1-8. | 0.9 | 28 |
| 38 | Analysing the effects of frozen storage and processing on the metabolite profile of raw mullet roes using ¹ H NMR spectroscopy. Food Chemistry, 2014, 159, 71-79. | 4.2 | 25 |
| 39 | The structural organization of N-methyl-2-pyrrolidone + water mixtures: A densitometry, x-ray diffraction, and molecular dynamics study. Journal of Chemical Physics, 2014, 140, 124503. | 1.2 | 30 |
| 40 | Investigation of the ¹ H-NMR based urine metabolomic profiles of IUGR, LGA and AGA newborns on the first day of life. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 13-19. | 0.7 | 30 |
| 41 | NMR, Calorimetry, and Computational Studies of Aqueous Solutions of N-Methyl-2-pyrrolidone. Journal of Physical Chemistry B, 2014, 118, 10493-10502. | 1.2 | 21 |
| 42 | Thermo-physical properties of ammonium-based ionic liquid + N-methyl-2-pyrrolidone mixtures at 298.15 K. Fluid Phase Equilibria, 2014, 383, 49-54. | 1.4 | 19 |
| 43 | CompChem and NMR Probing Ionic Liquids. Soft and Biological Matter, 2014, , 97-126. | 0.3 | 5 |
| 44 | A NMR metabolomics study of the ripening process of the Fiore Sardo cheese produced with autochthonous adjunct cultures. Food Chemistry, 2013, 141, 2137-2147. | 4.2 | 79 |
| 45 | Conformational isomerisms and nano-aggregation in substituted alkylammonium nitrates ionic liquids: An x-ray and computational study of 2-methoxyethylammonium nitrate. Journal of Chemical Physics, 2013, 138, 184506. | 1.2 | 28 |
| 46 | A metabolomic study of preterm human and formula milk by high resolution NMR and GC/MS analysis: preliminary results. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 62-67. | 0.7 | 97 |
| 47 | NMR Investigation of Imidazolium-Based Ionic Liquids and Their Aqueous Mixtures. ChemPhysChem, 2012, 13, 1339-1346. | 1.0 | 45 |
| 48 | ¹ H NMR Metabolite Fingerprint and Pattern Recognition of Mullet (Mugil cephalus) Bottarga. Journal of Agricultural and Food Chemistry, 2011, 59, 9497-9505. | 2.4 | 24 |
| 49 | ¹ H NMR-based metabolomic analysis of urine from preterm and term neonates. Frontiers in Bioscience - Elite, 2011, E3, 1005-1012. | 0.9 | 65 |
| 50 | ¹ H NMR-based metabolic profiling of urine from children with nephrouropathies. Frontiers in Bioscience - Elite, 2010, E2, 725-732. | 0.9 | 39 |
| 51 | An energy dispersive x-ray scattering and molecular dynamics study of liquid dimethyl carbonate. Journal of Chemical Physics, 2009, 131, 244503. | 1.2 | 46 |
| 52 | Competitive binding exchange between alkali metal ions (K ⁺ , Rb ⁺ , and Tl ⁺) and Na ⁺ in the presence of crown ether. Journal of Physical Chemistry B, 2009, 113, 1036-1042. | 1.1 | 12 |
| 53 | Interaction between aspergillitic acid and iron(III): A potentiometric, UV-Vis, ¹ H NMR and quantum chemical study. Polyhedron, 2009, 28, 763-768. | 1.0 | 5 |
| 54 | The atomic structure of niobium and tantalum containing borophosphate glasses. Journal of Physics Condensed Matter, 2009, 21, 375106. | 0.7 | 19 |

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|----|--|-----|-----------|
| 55 | Wheat bran biodegradation by <i>Pleurotus ostreatus</i> : A solid-state Carbon-13 NMR study. <i>Bioresource Technology</i> , 2008, 99, 4279-4284. | 4.8 | 44 |
| 56 | ¹³ C NMR, GC and HPLC characterization of lipid components of the salted and dried mullet (<i>Mugil</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.5 | 39 |
| 57 | Effect of Rubidium and Cesium Ions on the Dimeric Quaduplex formed by the <i>Oxytricha Nova</i> Telomeric Repeat Oligonucleotide D(GGGGTTTTGGGG). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1129-1132. | 0.4 | 7 |
| 58 | ¹ H and ¹³ C NMR studies of melon and head blubber of the striped dolphin (<i>Stenella coeruleoalba</i>). <i>Lipids</i> , 2006, 41, 1039-1048. | 0.7 | 9 |
| 59 | Competitive Na ⁺ and Rb ⁺ Binding in the Minor Groove of DNA. <i>Journal of the American Chemical Society</i> , 2004, 126, 6739-6750. | 6.6 | 80 |
| 60 | Binding of Mg ²⁺ , Cd ²⁺ , and Ni ²⁺ to Liquid Crystalline NaDNA: A Polarized Light Microscopy and NMR Investigations. <i>Biomacromolecules</i> , 2004, 5, 1552-1556. | 2.6 | 9 |
| 61 | Adaptative Value of a PKC/PKI55 Feedback Loop of Inhibition That Prevents the Kinase's Dereglulation. <i>Journal of Molecular Evolution</i> , 2003, 57, 131-139. | 0.8 | 8 |
| 62 | Optical microscopy and multinuclear NMR investigation of the liquid crystalline netropsin-DNA complex. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1678-1681. | 1.3 | 6 |
| 63 | Multinuclear NMR Investigation of the NaDNA/Ethidium Bromide Anisotropic System. <i>Journal of Biomolecular Structure and Dynamics</i> , 2002, 20, 99-105. | 2.0 | 9 |
| 64 | Substituent effects on ionisation and ¹³ C NMR properties of some monosubstituted phenols: A potentiometric, spectrophotometric and ¹³ C NMR study. <i>Talanta</i> , 2002, 56, 441-449. | 2.9 | 21 |
| 65 | Bisphosphonate chelating agents: complexation of Fe(III) and Al(III) by 1-phenyl-1-hydroxymethylene bisphosphonate and its analogues. <i>Inorganica Chimica Acta</i> , 2002, 339, 111-118. | 1.2 | 62 |
| 66 | A ²³ Na NMR study of the effect of d(+) and l(α ⁺) arabitol on NaDNA in aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2001, 29, 237-241. | 3.6 | 1 |
| 67 | ²³ Na NMR Relaxation Studies of the Na-DNA/Drug Interaction. <i>ChemPhysChem</i> , 2001, 2, 569-575. | 1.0 | 10 |
| 68 | Interaction of divalent metal ions with DNA investigated by ²³ Na NMR relaxation. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 2425-2428. | 1.3 | 18 |
| 69 | ¹³ C NMR relaxation study of monoaminopyridines in D ₂ O and CDCl ₃ -DMF solutions. <i>Magnetic Resonance in Chemistry</i> , 1999, 37, 600-601. | 1.1 | 2 |
| 70 | Recognition and characterization of binding modes of ¹ H- and ¹³ C-[Ru(phen) ₃] ²⁺ and ¹ H- and ¹³ C-[Ru(phen) ₂ DPPZ] ²⁺ by the NMR relaxation and binding free energy parameters. <i>Chemical Physics</i> , 1998, 236, 301-308. | 0.9 | 17 |
| 71 | A ²⁹ Si MAS and ¹ H NMR investigation of Fe ₂ O ₃ @SiO ₂ nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 1998, 232-234, 329-334. | 1.5 | 15 |
| 72 | The Interaction of DNA with Intercalating Agents Probed by Sodium-23 NMR Relaxation Rates. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997, 15, 37-43. | 2.0 | 13 |

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|----|---|-----|-----------|
| 73 | Evaluation of the Antioxidant and Cytotoxic Activities on Cancer Cell Line of Extracts of Parasitic Plants Harvested in Tunisia. Polish Journal of Food and Nutrition Sciences, 0, , 253-263. | 0.6 | 5 |