

Cristina Piras

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

913
citations

623734

14
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross sectional evaluation of the gut-microbiome metabolome axis in an Italian cohort of IBD patients. <i>Scientific Reports</i> , 2017, 7, 9523.	3.3	298
2	A NMR metabolomics study of the ripening process of the Fiore Sardo cheese produced with autochthonous adjunct cultures. <i>Food Chemistry</i> , 2013, 141, 2137-2147.	8.2	79
3	Metabolomic approach to profile functional and metabolic changes in heart failure. <i>Journal of Translational Medicine</i> , 2015, 13, 297.	4.4	47
4	Metabolomics, a promising approach to translational research in cardiology. <i>IJC Metabolic & Endocrine</i> , 2015, 9, 31-38.	0.5	46
5	NMR Investigation of Imidazolium-Based Ionic Liquids and Their Aqueous Mixtures. <i>ChemPhysChem</i> , 2012, 13, 1339-1346.	2.1	45
6	Autism Spectrum Disorder from the Womb to Adulthood: Suggestions for a Paradigm Shift. <i>Journal of Personalized Medicine</i> , 2021, 11, 70.	2.5	40
7	Italian cohort of patients affected by inflammatory bowel disease is characterised by variation in glycerophospholipid, free fatty acids and amino acid levels. <i>Metabolomics</i> , 2018, 14, 140.	3.0	39
8	Distinctive metabolomic fingerprint in scleroderma patients with pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2017, 241, 401-406.	1.7	28
9	Analysing the effects of frozen storage and processing on the metabolite profile of raw mullet roes using ¹ H NMR spectroscopy. <i>Food Chemistry</i> , 2014, 159, 71-79.	8.2	25
10	¹ H NMR Metabolite Fingerprint and Pattern Recognition of Mullet (<i>Mugil cephalus</i>) Bottarga. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9497-9505.	5.2	24
11	¹ H NMR spectroscopy-based metabolomics analysis for the diagnosis of symptomatic <i>E. coli</i> -associated urinary tract infection (UTI). <i>BMC Microbiology</i> , 2017, 17, 201.	3.3	22
12	Metabolomic profile in hyperthyroid patients before and after antithyroid drug treatment: Correlation with thyroid hormone and TSH concentration. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 93, 119-128.	2.8	21
13	Contribution of Metabolomics to the Understanding of NAFLD and NASH Syndromes: A Systematic Review. <i>Metabolites</i> , 2021, 11, 694.	2.9	21
14	Blood metabolomic fingerprint is distinct in healthy coronary and in stenosing or microvascular ischemic heart disease. <i>Journal of Translational Medicine</i> , 2017, 15, 112.	4.4	18
15	Comparative antioxidant activity and ¹ H NMR profiling of Mediterranean fruit products. <i>Food Research International</i> , 2015, 69, 322-330.	6.2	15
16	Pediatric Acute-onset Neuropsychiatric Syndrome and <i>Mycoplasma Pneumoniae</i> Infection: A Case Report Analysis with a Metabolomics Approach. <i>Current Pediatric Reviews</i> , 2020, 16, 183-193.	0.8	15
17	Modulatory Effect of Nicotinic Acid on the Metabolism of Caco-2 Cells Exposed to IL-1 β and LPS. <i>Metabolites</i> , 2020, 10, 204.	2.9	13
18	Multivariate fatty acid and fatty alcohol profile of mullet bottarga. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 1369-1374.	1.5	12

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19	Vitamin C Cytotoxicity and Its Effects in Redox Homeostasis and Energetic Metabolism in Papillary Thyroid Carcinoma Cell Lines. <i>Antioxidants</i> , 2021, 10, 809.	5.1	12
20	Slotting metabolomics into routine precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2021, 6, 173-187.	0.7	11
21	Metabolomic fingerprint of coronary blood in STEMI patients depends on the ischemic time and inflammatory state. <i>Scientific Reports</i> , 2019, 9, 312.	3.3	10
22	Metabolic Alteration in Plasma and Biopsies From Patients With IBD. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1335-1345.	1.9	10
23	Alterations of the Intestinal Permeability are Reflected by Changes in the Urine Metabolome of Young Autistic Children: Preliminary Results. <i>Metabolites</i> , 2022, 12, 104.	2.9	10
24	Urinary Metabolites Reveal Hyperinsulinemia and Insulin Resistance in Polycystic Ovarian Syndrome (PCOS). <i>Metabolites</i> , 2021, 11, 437.	2.9	9
25	Crosstalk between Metabolic Alterations and Altered Redox Balance in PTC-Derived Cell Lines. <i>Metabolites</i> , 2019, 9, 23.	2.9	7
26	First trimester metabolomics 1H-NMR study of the urinary profile predicts gestational diabetes mellitus development in obese women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 8275-8283.	1.5	7
27	Early Urinary Metabolomics in Patent Ductus Arteriosus Anticipates the Fate: Preliminary Data. <i>Frontiers in Pediatrics</i> , 2020, 8, 613749.	1.9	5
28	Neutralizing Antibodies Responses against SARS-CoV-2 in a Sardinian Cohort Group Up to 9 Months after BNT162b2 Vaccination. <i>Vaccines</i> , 2022, 10, 531.	4.4	5
29	Metabolomics and psychological features in fibromyalgia and electromagnetic sensitivity. <i>Scientific Reports</i> , 2020, 10, 20418.	3.3	4
30	Urinary 1H-NMR Metabolic Signature in Subjects Undergoing Colonoscopy for Colon Cancer Diagnosis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5401.	2.5	3
31	Comparative evaluation of the composition of vegetable essential and fixed oils obtained by supercritical extraction and conventional techniques: a chemometric approach. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4496-4505.	2.7	3
32	The Echocardiographic Parameters of Systolic Function Are Associated with Specific Metabolomic Fingerprints in Obstructive and Non-Obstructive Hypertrophic Cardiomyopathy. <i>Metabolites</i> , 2021, 11, 787.	2.9	3
33	Metabolomics and Microbiomics: New Potential Strategies in Chronic Pain Syndrome. <i>Journal of Pain Research</i> , 2022, Volume 15, 723-731.	2.0	0