

Gonçalo Graça

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

951
citations

567281

15
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1591
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Biomarkers of Prenatal Disorders: An Exploratory NMR Metabonomics Study of Second Trimester Maternal Urine and Blood Plasma. <i>Journal of Proteome Research</i> , 2011, 10, 3732-3742.	3.7	144
2	Impact of Prenatal Disorders on the Metabolic Profile of Second Trimester Amniotic Fluid: A Nuclear Magnetic Resonance Metabonomic Study. <i>Journal of Proteome Research</i> , 2010, 9, 6016-6024.	3.7	94
3	UPLC-MS metabolic profiling of second trimester amniotic fluid and maternal urine and comparison with NMR spectral profiling for the identification of pregnancy disorder biomarkers. <i>Molecular BioSystems</i> , 2012, 8, 1243.	2.9	94
4	NMR metabolomics of esca disease-affected <i>Vitis vinifera</i> cv. Alvarinho leaves. <i>Journal of Experimental Botany</i> , 2010, 61, 4033-4042.	4.8	78
5	Yeast protein glycation in vivo by methylglyoxal. <i>FEBS Journal</i> , 2006, 273, 5273-5287.	4.7	67
6	¹ H NMR Based Metabonomics of Human Amniotic Fluid for the Metabolic Characterization of Fetus Malformations. <i>Journal of Proteome Research</i> , 2009, 8, 4144-4150.	3.7	62
7	Changes in mouse whole saliva soluble proteome induced by tannin-enriched diet. <i>Proteome Science</i> , 2010, 8, 65.	1.7	48
8	Metabolite Profiling of Human Amniotic Fluid by Hyphenated Nuclear Magnetic Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 6085-6092.	6.5	46
9	¹ H NMR-based metabolic fingerprinting of urine metabolites after consumption of lingonberries (<i>Vaccinium vitis-idaea</i>) with a high-fat meal. <i>Food Chemistry</i> , 2013, 138, 982-990.	8.2	38
10	Potential of NMR Spectroscopy for the Study of Human Amniotic Fluid. <i>Analytical Chemistry</i> , 2007, 79, 8367-8375.	6.5	35
11	VEGFR2-mediated Reprogramming of Mitochondrial Metabolism Regulates the Sensitivity of Acute Myeloid Leukemia to Chemotherapy. <i>Cancer Research</i> , 2018, 78, 731-741.	0.9	32
12	Mid-infrared (MIR) metabolic fingerprinting of amniotic fluid: A possible avenue for early diagnosis of prenatal disorders?. <i>Analytica Chimica Acta</i> , 2013, 764, 24-31.	5.4	26
13	Characterization of sweat induced with pilocarpine, physical exercise, and collected passively by metabolomic analysis. <i>Skin Research and Technology</i> , 2018, 24, 187-195.	1.6	24
14	Protein glycation and methylglyoxal metabolism in yeast: finding peptide needles in protein haystacks. <i>FEMS Yeast Research</i> , 2008, 8, 174-181.	2.3	22
15	Can joint fluid metabolic profiling (or "metabonomics") reveal biomarkers for osteoarthritis and inflammatory joint disease?. <i>Bone and Joint Research</i> , 2020, 9, 108-119.	3.6	18
16	Automated Annotation of Untargeted All-Ion Fragmentation LC-MS Metabolomics Data with MetaboAnnotator. <i>Analytical Chemistry</i> , 2022, 94, 3446-3455.	6.5	18
17	Targeted realignment of LC-MS profiles by neighbor-wise compound-specific graphical time warping with misalignment detection. <i>Bioinformatics</i> , 2020, 36, 2862-2871.	4.1	14
18	Combined transcriptomics and metabolomics profiling of the heat shock response in the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> . <i>Extremophiles</i> , 2019, 23, 101-118.	2.3	12

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19	Differences in the composition of hip and knee synovial fluid in osteoarthritis: a nuclear magnetic resonance (NMR) spectroscopy study of metabolic profiles. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1768-1777.	1.3	11
20	Can Biofluids Metabolic Profiling Help to Improve Healthcare during Pregnancy?. <i>Spectroscopy</i> , 2012, 27, 515-523.	0.8	10
21	Finding Correspondence between Metabolomic Features in Untargeted Liquid Chromatography–Mass Spectrometry Metabolomics Datasets. <i>Analytical Chemistry</i> , 2022, 94, 5493-5503.	6.5	9
22	Exploring Cancer Metabolism: Applications of Metabolomics and Metabolic Phenotyping in Cancer Research and Diagnostics. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1219, 367-385.	1.6	7
23	Postprandial response on fatty meal is affected by sea buckthorn (<i>Hippophaë rhamnoides</i>) supplementation: NMR metabolomics study. <i>Food Research International</i> , 2014, 58, 23-34.	6.2	6
24	Identification of putative biomarkers for leptomenigeal invasion in B-cell non-Hodgkin lymphoma by NMR metabolomics. <i>Metabolomics</i> , 2017, 13, 1.	3.0	6
25	Can metabolic profiling provide a new description of osteoarthritis and enable a personalised medicine approach?. <i>Clinical Rheumatology</i> , 2020, 39, 3875-3882.	2.2	6
26	Metabolomics Data Preprocessing: From Raw Data to Features for Statistical Analysis. <i>Comprehensive Analytical Chemistry</i> , 2018, , 197-225.	1.3	5
27	Metabolic Signatures of Gestational Weight Gain and Postpartum Weight Loss in a Lifestyle Intervention Study of Overweight and Obese Women. <i>Metabolites</i> , 2020, 10, 498.	2.9	5
28	Differences between infected and noninfected synovial fluid. <i>Bone and Joint Research</i> , 2021, 10, 85-95.	3.6	5
29	The influence of sample collection, handling and low temperature storage upon NMR metabolic profiling analysis in human synovial fluid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113942.	2.8	4
30	NMR-Metabolomics Shows That BolA Is an Important Modulator of Salmonella Typhimurium Metabolic Processes under Virulence Conditions. <i>Metabolites</i> , 2019, 9, 243.	2.9	2
31	Processing and Analysis of Untargeted Multicohort NMR Data. <i>Methods in Molecular Biology</i> , 2019, 2037, 453-470.	0.9	2
32	Nuclear Magnetic Resonance Methods for Metabolomic Investigation of Amniotic Fluid. , 0, , 281-298.		0
33	Clinical Research in Cardiovascular Disease using Metabolomics. , 2021, , 468-479.		0
34	NMR Spectroscopy, Techniques, Pulse Sequences for Structural Elucidation of Small Molecules. , 2018, , 354-354.		0