

Beatriz JimÃ©nez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,166
citations

687363

13
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

2193
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure Elucidation and Mitigation of Endogenous Interferences in LC-MS-Based Metabolic Profiling of Urine. <i>Analytical Chemistry</i> , 2022, 94, 1760-1768.	6.5	5
2	Circulating Metabolome and White Matter Hyperintensities in Women and Men. <i>Circulation</i> , 2022, 145, 1040-1052.	1.6	17
3	Patient Stratification in Sepsis: Using Metabolomics to Detect Clinical Phenotypes, Sub-Phenotypes and Therapeutic Response. <i>Metabolites</i> , 2022, 12, 376.	2.9	15
4	Neuroendocrine Neoplasms: Identification of Novel Metabolic Circuits of Potential Diagnostic Utility. <i>Cancers</i> , 2021, 13, 374.	3.7	3
5	A Computationally Lightweight Algorithm for Deriving Reliable Metabolite Panel Measurements from 1D ¹ H NMR. <i>Analytical Chemistry</i> , 2021, 93, 4995-5000.	6.5	6
6	Metabolic phenotyping reveals a reduction in the bioavailability of serotonin and kynurenine pathway metabolites in both the urine and serum of individuals living with Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 20.	6.2	60
7	Urinary metabolic phenotyping for Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 21745.	3.3	30
8	Performance of metabolomic serum analysis for diagnostics in paediatric tuberculosis. <i>Scientific Reports</i> , 2020, 10, 7302.	3.3	11
9	SMoESY: an efficient and quantitative alternative to on-instrument macromolecular ¹ H-NMR signal suppression. <i>Chemical Science</i> , 2020, 11, 6000-6011.	7.4	13
10	The nPYc-Toolbox, a Python module for the pre-processing, quality-control and analysis of metabolic profiling datasets. <i>Bioinformatics</i> , 2019, 35, 5359-5360.	4.1	30
11	Systematic Isolation and Structure Elucidation of Urinary Metabolites Optimized for the Analytical-Scale Molecular Profiling Laboratory. <i>Analytical Chemistry</i> , 2019, 91, 8873-8882.	6.5	11
12	Reduced plasma levels of small HDL particles transporting fibrinolytic proteins in pulmonary arterial hypertension. <i>Thorax</i> , 2019, 74, 380-389.	5.6	34
13	pJRES Binning Algorithm (JBA): a new method to facilitate the recovery of metabolic information from pJRES 1H NMR spectra. <i>Bioinformatics</i> , 2019, 35, 1916-1922.	4.1	12
14	Quantitative Lipoprotein Subclass and Low Molecular Weight Metabolite Analysis in Human Serum and Plasma by ¹ H NMR Spectroscopy in a Multilaboratory Trial. <i>Analytical Chemistry</i> , 2018, 90, 11962-11971.	6.5	165
15	Metabolic Profiling in Patients with Pneumonia on Intensive Care. <i>EBioMedicine</i> , 2017, 18, 244-253.	6.1	19
16	Urinary Metabolic Phenotyping of Women with Lower Urinary Tract Symptoms. <i>Journal of Proteome Research</i> , 2017, 16, 4208-4216.	3.7	13
17	<i>i</i> -Resolved ¹ H NMR 1D-Projections for Large-Scale Metabolic Phenotyping Studies: Application to Blood Plasma Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11405-11412.	6.5	18
18	How to Feed the Mammalian Gut Microbiota: Bacterial and Metabolic Modulation by Dietary Fibers. <i>Frontiers in Microbiology</i> , 2017, 8, 1749.	3.5	86

#	ARTICLE	IF	CITATIONS
19	Rapid Diagnosis and Staging of Colorectal Cancer via High-Resolution Magic Angle Spinning Nuclear Magnetic Resonance (HR-MAS NMR) Spectroscopy of Intact Tissue Biopsies. <i>Annals of Surgery</i> , 2014, 259, 1138-1149.	4.2	67
20	Precision High-Throughput Proton NMR Spectroscopy of Human Urine, Serum, and Plasma for Large-Scale Metabolic Phenotyping. <i>Analytical Chemistry</i> , 2014, 86, 9887-9894.	6.5	419
21	Metabonomic profiling: A novel approach in neuroendocrine neoplasias. <i>Surgery</i> , 2013, 154, 1185-1193.	1.9	26
22	¹ H HR-MAS NMR Spectroscopy of Tumor-Induced Local Metabolic "Field-Effects" Enables Colorectal Cancer Staging and Prognostication. <i>Journal of Proteome Research</i> , 2013, 12, 959-968.	3.7	103