

Romanas Chaleckis

List of Publications by Citations

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Version: 2024-04-20

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23
papers

706
citations

14
h-index

26
g-index

32
ext. papers

1,024
ext. citations

6
avg, IF

4.34
L-index

#	Paper	IF	Citations
23	Individual variability in human blood metabolites identifies age-related differences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4252-9	11.5	185
22	Challenges, progress and promises of metabolite annotation for LC-MS-based metabolomics. <i>Current Opinion in Biotechnology</i> , 2019 , 55, 44-50	11.4	130
21	Development of a Liquid Chromatography-High Resolution Mass Spectrometry Metabolomics Method with High Specificity for Metabolite Identification Using All Ion Fragmentation Acquisition. <i>Analytical Chemistry</i> , 2017 , 89, 7933-7942	7.8	74
20	Intrakinetochore localization and essential functional domains of Drosophila Spc105. <i>EMBO Journal</i> , 2009 , 28, 2374-86	13	57
19	IL-17-high asthma with features of a psoriasis immunophenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1198-1213	11.5	43
18	Unexpected similarities between the Schizosaccharomyces and human blood metabolomes, and novel human metabolites. <i>Molecular BioSystems</i> , 2014 , 10, 2538-51		35
17	Diverse metabolic reactions activated during 58-hr fasting are revealed by non-targeted metabolomic analysis of human blood. <i>Scientific Reports</i> , 2019 , 9, 854	4.9	24
16	Metabolism of skin-absorbed resveratrol into its glucuronized form in mouse skin. <i>PLoS ONE</i> , 2014 , 9, e115359	3.7	21
15	Kynurenine aminotransferase activity of Aro8/Aro9 engage tryptophan degradation by producing kynurenic acid in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017 , 7, 12180	4.9	20
14	Thermodynamics of radicicol binding to human Hsp90 alpha and beta isoforms. <i>Biophysical Chemistry</i> , 2010 , 152, 153-63	3.5	17
13	S-Adenosylmethionine Synthetase Is Required for Cell Growth, Maintenance of G0 Phase, and Termination of Quiescence in Fission Yeast. <i>IScience</i> , 2018 , 5, 38-51	6.1	15
12	Creating a Reliable Mass Spectral-Retention Time Library for All Ion Fragmentation-Based Metabolomics. <i>Metabolites</i> , 2019 , 9,	5.6	15
11	Associations of cholesteryl ester transfer protein (CETP) gene variants with predisposition to age-related macular degeneration. <i>Gene</i> , 2017 , 636, 30-35	3.8	14
10	Correlation-Based Deconvolution (CorrDec) To Generate High-Quality MS2 Spectra from Data-Independent Acquisition in Multisample Studies. <i>Analytical Chemistry</i> , 2020 , 92, 11310-11317	7.8	14
9	LC-MS-Based Metabolomics of Biofluids Using All-Ion Fragmentation (AIF) Acquisition. <i>Methods in Molecular Biology</i> , 2018 , 1730, 45-58	1.4	10
8	Defining the Scope of Exposome Studies and Research Needs from a Multidisciplinary Perspective. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 839-852	11	10
7	High-Precision Automated Workflow for Urinary Untargeted Metabolomic Epidemiology. <i>Analytical Chemistry</i> , 2021 , 93, 5248-5258	7.8	5

6	(rs8017304 and rs2588809), (rs6987702, rs4351379, and rs4351376), (rs13095226), and (rs1064583) Gene Variants with Predisposition to Age-Related Macular Degeneration. <i>Disease Markers</i> , 2019 , 2019, 5631083	3.2	3
5	Associations between rs10509681 and rs11572080 gene polymorphisms and age-related macular degeneration. <i>Acta Medica Lituanica</i> , 2017 , 24, 75-82	0.7	2
4	Metabolomic Analysis of Yeast and Human Cells: Latest Advances and Challenges. <i>Methods in Molecular Biology</i> , 2019 , 2049, 233-245	1.4	1
3	Untargeted LC-MS Metabolomics for the Analysis of Micro-scaled Extracellular Metabolites from Hepatocytes. <i>Analytical Sciences</i> , 2021 , 37, 1049-1052	1.7	0
2	Spatiotemporal determination of metabolite activities in the corneal epithelium on a chip. <i>Experimental Eye Research</i> , 2021 , 209, 108646	3.7	0
1	High levels of Tryptophan reduce cell wall or membrane stress tolerance in <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021 , 85, 2131-2136	2.1	