

Lukáš Najdekr

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

326
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	PLS-DA for compositional data with application to metabolomics. <i>Journal of Chemometrics</i> , 2015, 29, 21-28.	1.3	79
2	Oxidized phosphatidylcholines suggest oxidative stress in patients with medium-chain acyl-CoA dehydrogenase deficiency. <i>Talanta</i> , 2015, 139, 62-66.	5.5	33
3	Assessment of human plasma and urine sample preparation for reproducible and high-throughput UHPLC-MS clinical metabolic phenotyping. <i>Analyst</i> , 2020, 145, 6511-6523.	3.5	28
4	Fenretinide Prevents Inflammation and Airway Hyperresponsiveness in a Mouse Model of Allergic Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 783-792.	2.9	25
5	Influence of Mass Resolving Power in Orbital Ion-Trap Mass Spectrometry-Based Metabolomics. <i>Analytical Chemistry</i> , 2016, 88, 11429-11435.	6.5	20
6	Structural elucidation of novel biomarkers of known metabolic disorders based on multistage fragmentation mass spectra. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 407-414.	3.6	18
7	Robust biomarker identification in a two-class problem based on pairwise log-ratios. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 171, 277-285.	3.5	16
8	Untargeted metabolomic analysis of urine samples in the diagnosis of some inherited metabolic disorders. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2015, 159, 582-585.	0.6	16
9	Multi-Omics Analysis of Diabetic Heart Disease in the db/db Model Reveals Potential Targets for Treatment by a Longevity-Associated Gene. <i>Cells</i> , 2020, 9, 1283.	4.1	11
10	Metabolomic, Lipidomic and Proteomic Characterisation of Lipopolysaccharide-induced Inflammation Mouse Model. <i>Neuroscience</i> , 2022, 496, 165-178.	2.3	11
11	Metabolic status of CSF distinguishes rats with tauopathy from controls. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 78.	6.2	10
12	Novel sulphur-containing imatinib metabolites found by untargeted LC-HRMS analysis. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 104, 335-343.	4.0	9
13	Chorioamnionitis alters lung surfactant lipidome in newborns with respiratory distress syndrome. <i>Pediatric Research</i> , 2021, 90, 1039-1043.	2.3	8
14	An improved strategy for analysis of lipid molecules utilising a reversed phase C30 UHPLC column and scheduled MS/MS acquisition. <i>Talanta</i> , 2021, 229, 122262.	5.5	8
15	Metabolomic and lipidomic changes triggered by lipopolysaccharide-induced systemic inflammation in transgenic APdE9 mice. <i>Scientific Reports</i> , 2021, 11, 13076.	3.3	7
16	Urease-immobilized magnetic microparticles in urine sample preparation for metabolomic analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1605, 360355.	3.7	6
17	Collection of Untargeted Metabolomic Data for Mammalian Urine Applying HILIC and Reversed Phase Ultra Performance Liquid Chromatography Methods Coupled to a Q Exactive Mass Spectrometer. <i>Methods in Molecular Biology</i> , 2019, 1996, 1-15.	0.9	6
18	Species-Specific Variations in the Metabolomic Profiles of <i>Acropora hyacinthus</i> and <i>Acropora millepora</i> Mask Acute Temperature Stress Effects in Adult Coral Colonies. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	6

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19	Toll-Like Receptor 7/8 Ligand, S28463, Suppresses <i>Ascaris suum</i> -induced Allergic Asthma in Nonhuman Primates. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 55-65.	2.9	5
20	SLIDE—Novel Approach to Apocrine Sweat Sampling for Lipid Profiling in Healthy Individuals. International Journal of Molecular Sciences, 2021, 22, 8054.	4.1	4