LukÃ¡Å¡ Najdekr

List of Publications by Year
in descending order

20 papers	326 citations	1051969 10 h-index	939365 18 g-index
20 all docs	20 docs citations	20 times ranked	639 citing authors

#	Article	IF	Citations
1	Metabolomic, Lipidomic and Proteomic Characterisation of Lipopolysaccharide-induced Inflammation Mouse Model. Neuroscience, 2022, 496, 165-178.	1.1	11
2	Chorioamnionitis alters lung surfactant lipidome in newborns with respiratory distress syndrome. Pediatric Research, 2021, 90, 1039-1043.	1.1	8
3	Species-Specific Variations in the Metabolomic Profiles of Acropora hyacinthus and Acropora millepora Mask Acute Temperature Stress Effects in Adult Coral Colonies. Frontiers in Marine Science, 2021, 8, .	1.2	6
4	Metabolomic and lipidomic changes triggered by lipopolysaccharide-induced systemic inflammation in transgenic APdE9 mice. Scientific Reports, 2021, 11, 13076.	1.6	7
5	An improved strategy for analysis of lipid molecules utilising a reversed phase C30 UHPLC column and scheduled MS/MS acquisition. Talanta, 2021, 229, 122262.	2.9	8
6	SLIDEâ€"Novel Approach to Apocrine Sweat Sampling for Lipid Profiling in Healthy Individuals. International Journal of Molecular Sciences, 2021, 22, 8054.	1.8	4
7	Assessment of human plasma and urine sample preparation for reproducible and high-throughput UHPLC-MS clinical metabolic phenotyping. Analyst, The, 2020, 145, 6511-6523.	1.7	28
8	Multi-Omics Analysis of Diabetic Heart Disease in the db/db Model Reveals Potential Targets for Treatment by a Longevity-Associated Gene. Cells, 2020, 9, 1283.	1.8	11
9	Urease-immobilized magnetic microparticles in urine sample preparation for metabolomic analysis by gas chromatography-mass spectrometry. Journal of Chromatography A, 2019, 1605, 360355.	1.8	6
10	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. Methods in Molecular Biology, 2019, 1996, 1-15.	0.4	6
11	Toll-Like Receptor 7/8 Ligand, S28463, Suppresses <i>Ascaris suum</i>â€"induced Allergic Asthma in Nonhuman Primates. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 55-65.	1.4	5
12	Structural elucidation of novel biomarkers of known metabolic disorders based on multistage fragmentation mass spectra. Journal of Inherited Metabolic Disease, 2018, 41, 407-414.	1.7	18
13	Novel sulphur-containing imatinib metabolites found by untargeted LC-HRMS analysis. European Journal of Pharmaceutical Sciences, 2017, 104, 335-343.	1.9	9
14	Robust biomarker identification in a two-class problem based on pairwise log-ratios. Chemometrics and Intelligent Laboratory Systems, 2017, 171, 277-285.	1.8	16
15	Metabolic status of CSF distinguishes rats with tauopathy from controls. Alzheimer's Research and Therapy, 2017, 9, 78.	3.0	10
16	Influence of Mass Resolving Power in Orbital Ion-Trap Mass Spectrometry-Based Metabolomics. Analytical Chemistry, 2016, 88, 11429-11435.	3.2	20
17	Oxidized phosphatidylcholines suggest oxidative stress in patients with medium-chain acyl-CoA dehydrogenase deficiency. Talanta, 2015, 139, 62-66.	2.9	33
18	PLSâ€DA for compositional data with application to metabolomics. Journal of Chemometrics, 2015, 29, 21-28.	0.7	79

#	Article	IF	Citations
19	Untargeted metabolomic analysis of urine samples in the diagnosis of some inherited metabolic disorders. Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2015, 159, 582-585.	0.2	16
20	Fenretinide Prevents Inflammation and Airway Hyperresponsiveness in a Mouse Model of Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 783-792.	1.4	25