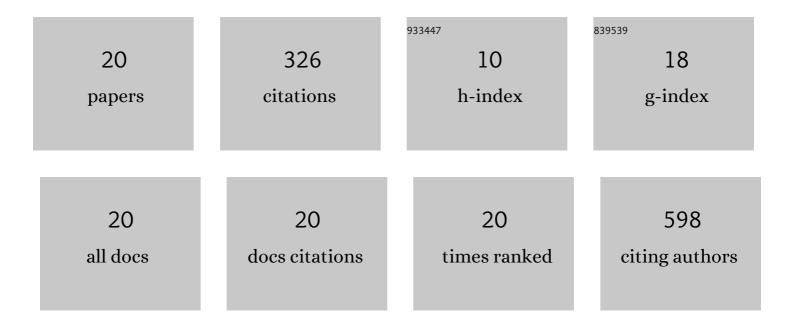
LukáÅ; Najdekr

List of Publications by Year in descending order

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Ι μκῶ:Δ: Νλισεκρ

#	Article	IF	CITATIONS
1	Metabolomic, Lipidomic and Proteomic Characterisation of Lipopolysaccharide-induced Inflammation Mouse Model. Neuroscience, 2022, 496, 165-178.	2.3	11
2	Chorioamnionitis alters lung surfactant lipidome in newborns with respiratory distress syndrome. Pediatric Research, 2021, 90, 1039-1043.	2.3	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, .	2.5	6
4	Metabolomic and lipidomic changes triggered by lipopolysaccharide-induced systemic inflammation in transgenic APdE9 mice. Scientific Reports, 2021, 11, 13076.	3.3	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.	5.5	8
6	SLIDE—Novel Approach to Apocrine Sweat Sampling for Lipid Profiling in Healthy Individuals. International Journal of Molecular Sciences, 2021, 22, 8054.	4.1	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.	3.5	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.	4.1	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.	3.7	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.	0.9	6
11	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
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.	3.6	18
13	Novel sulphur-containing imatinib metabolites found by untargeted LC-HRMS analysis. European Journal of Pharmaceutical Sciences, 2017, 104, 335-343.	4.0	9
14	Robust biomarker identification in a two-class problem based on pairwise log-ratios. Chemometrics and Intelligent Laboratory Systems, 2017, 171, 277-285.	3.5	16
15	Metabolic status of CSF distinguishes rats with tauopathy from controls. Alzheimer's Research and Therapy, 2017, 9, 78.	6.2	10
16	Influence of Mass Resolving Power in Orbital Ion-Trap Mass Spectrometry-Based Metabolomics. Analytical Chemistry, 2016, 88, 11429-11435.	6.5	20
17	Oxidized phosphatidylcholines suggest oxidative stress in patients with medium-chain acyl-CoA dehydrogenase deficiency. Talanta, 2015, 139, 62-66.	5.5	33
18	PLSâ€DA for compositional data with application to metabolomics. Journal of Chemometrics, 2015, 29, 21-28.	1.3	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 Palacký, Olomouc, Czechoslovakia, 2015, 159, 582-585.	0.6	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.	2.9	25