

Danuta Dudzik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7101270/publications.pdf>

Version: 2024-02-01

33
papers

982
citations

623734

14
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality assurance procedures for mass spectrometry untargeted metabolomics. a review. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 149-173.	2.8	244
2	Metabolic fingerprint of Gestational Diabetes Mellitus. Journal of Proteomics, 2014, 103, 57-71.	2.4	114
3	Short overview on metabolomics approach to study pathophysiology of oxidative stress in cancer. Redox Biology, 2018, 14, 47-58.	9.0	102
4	A review of blood sample handling and pre-processing for metabolomics studies. Electrophoresis, 2017, 38, 2232-2241.	2.4	74
5	Recent Developments along the Analytical Process for Metabolomics Workflows. Analytical Chemistry, 2020, 92, 203-226.	6.5	72
6	GC-MS based Gestational Diabetes Mellitus longitudinal study: Identification of 2-and 3-hydroxybutyrate as potential prognostic biomarkers. Journal of Pharmaceutical and Biomedical Analysis, 2017, 144, 90-98.	2.8	48
7	Optimization and validation of a chiral GC-MS method for the determination of free d-amino acids ratio in human urine: Application to a Gestational Diabetes Mellitus study. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 480-487.	2.8	43
8	Differential amniotic fluid cytokine profile in women with chorioamnionitis with and without funisitis. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 2161-2165.	1.5	33
9	New Biochemical Insights into the Mechanisms of Pulmonary Arterial Hypertension in Humans. PLoS ONE, 2016, 11, e0160505.	2.5	32
10	Metabolomic Fingerprinting in the Comprehensive Study of Liver Changes Associated with Onion Supplementation in Hypercholesterolemic Wistar Rats. International Journal of Molecular Sciences, 2017, 18, 267.	4.1	32
11	Data-dependent normalization strategies for untargeted metabolomics—a case study. Analytical and Bioanalytical Chemistry, 2020, 412, 6391-6405.	3.7	25
12	Perspectives and challenges in extracellular vesicles untargeted metabolomics analysis. TrAC - Trends in Analytical Chemistry, 2021, 143, 116382.	11.4	24
13	LC-MS-Based Metabolomics Identification of Novel Biomarkers of Chorioamnionitis and Its Associated Perinatal Neurological Damage. Journal of Proteome Research, 2015, 14, 1432-1444.	3.7	22
14	Evaluation of onion as a functional ingredient in the prevention of metabolic impairments associated to diet-induced hypercholesterolaemia using a multiplatform approach based on LC-MS, CE-MS and GC-MS. Journal of Functional Foods, 2015, 19, 363-375.	3.4	16
15	Differences and similarities between LC-MS derived serum fingerprints of patients with B-cell malignancies. Electrophoresis, 2013, 34, 2857-2664.	2.4	14
16	Multiplatform metabolomic fingerprinting as a tool for understanding hypercholesterolemia in Wistar rats. European Journal of Nutrition, 2016, 55, 997-1010.	3.9	14
17	Low and high resolution gas chromatography-mass spectrometry for untargeted metabolomics: A tutorial. Analytica Chimica Acta, 2022, 1210, 339043.	5.4	14
18	Saliva of patients with Type 1 diabetes: effect of smoking on activity of lysosomal exoglycosidases. Oral Diseases, 2006, 12, 278-282.	3.0	13

#	ARTICLE	IF	CITATIONS
19	Analytical approaches for studying oxygenated lipids in the search of potential biomarkers by LC-MS. TrAC - Trends in Analytical Chemistry, 2021, 143, 116367.	11.4	8
20	Plasma Metabolome Alterations Associated with Extrauterine Growth Restriction. Nutrients, 2020, 12, 1188.	4.1	7
21	Activity of N-acetyl- β -D-hexosaminidase (HEX) and its isoenzymes A and B in human milk during the first 3 months of breastfeeding. Advances in Medical Sciences, 2008, 53, 300-4.	2.1	7
22	The cleavage of vitamin E galactoside in the rat tissue homogenates. Il Farmaco, 2004, 59, 669-671.	0.9	5
23	Comprehensive Metabolic Signature of Renal Dysplasia in Children. A Multiplatform Metabolomics Concept. Frontiers in Molecular Biosciences, 2021, 8, 665661.	3.5	5
24	Mitochondrial Metabolism behind Region-Specific Resistance to Ischemia-Reperfusion Injury in Gerbil Hippocampus. Role of PKC β II and Phosphate-Activated Glutaminase. International Journal of Molecular Sciences, 2021, 22, 8504.	4.1	5
25	A Robust Method for Sample Preparation of Gastrointestinal Stromal Tumour for LC/MS Untargeted Metabolomics. Metabolites, 2021, 11, 554.	2.9	4
26	Deprogramming metabolism in pancreatic cancer with a bi-functional GPR55 inhibitor and biased β 2 adrenergic agonist. Scientific Reports, 2022, 12, 3618.	3.3	3
27	Decomposition of α -Tocopheryl Glycosides in Rat Tissues. Toxicology Mechanisms and Methods, 2008, 18, 491-496.	2.7	1
28	N-acetyl- β -D-hexosaminidase in Gestational Diabetes Mellitus – a preliminary study. Advances in Medical Sciences, 2011, 56, 44-47.	2.1	1
29	Metabolomics Analysis in Assessing Immunosuppressive Drug Toxicity.. Transplantation, 2014, 98, 431.	1.0	0
30	Metabolic Fingerprints of Gestational Diabetes Mellitus. , 2018, , 101-117.		0
31	Abstract 5055: Multiplatform metabolomics analysis of growth arrest in pancreatic tumor xenografts. , 2017, , .		0
32	Untargeted Metabolomics Methods to Analyze Blood-Derived Samples. Neuromethods, 2021, , 173-187.	0.3	0
33	Analytical Science Advances announces its new Associate Editorial Board. Analytical Science Advances, 2022, 3, 1-2.	2.8	0