Abdul Basit

List of Publications by Year in descending order

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48 papers	2,623 citations	257101 24 h-index	233125 45 g-index
52 all docs	52 docs citations	52 times ranked	6858 citing authors

#	Article	IF	Citations
1	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
2	Sequential recruitment of neutrophils into lung and bronchoalveolar lavage fluid in LPS-induced acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L807-L815.	1.3	289
3	ICAM-1 and LFA-1 play critical roles in LPS-induced neutrophil recruitment into the alveolar space. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L200-L207.	1.3	112
4	Impact of Chronic Kidney Disease Upon Survival Among Implantable Cardioverter-Defibrillator Recipients. Journal of Interventional Cardiac Electrophysiology, 2004, 11, 199-204.	0.6	109
5	Ageâ€•and Genotypeâ€Dependent Variability in the Protein Abundance and Activity of Six Major Uridine Diphosphateâ€Glucuronosyltransferases in Human Liver. Clinical Pharmacology and Therapeutics, 2019, 105, 131-141.	2.3	87
6	Starch-based bio-elastomers functionalized with red beetroot natural antioxidant. Food Chemistry, 2017, 216, 324-333.	4.2	76
7	Acid Ceramidase in Melanoma. Journal of Biological Chemistry, 2016, 291, 2422-2434.	1.6	72
8	Kidney Cortical Transporter Expression across Species Using Quantitative Proteomics. Drug Metabolism and Disposition, 2019, 47, 802-808.	1.7	63
9	Defective Sphingosine-1-phosphate metabolism is a druggable target in Huntingtonâ€™s disease. Scientific Reports, 2017, 7, 5280.	1.6	60
10	Characterization of Differential Tissue Abundance of Major Non-CYP Enzymes in Human. Molecular Pharmaceutics, 2020, 17, 4114-4124.	2.3	54
11	Rapid evaluation of 25 key sphingolipids and phosphosphingolipids in human plasma by LC-MS/MS. Analytical and Bioanalytical Chemistry, 2015, 407, 5189-5198.	1.9	47
12	Age-dependent changes in nervonic acid-containing sphingolipids in mouse hippocampus. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1502-1511.	1.2	43
13	De novo Synthesis of Sphingolipids Is Defective in Experimental Models of Huntington's Disease. Frontiers in Neuroscience, 2017, 11, 698.	1.4	43
14	Major glucuronide metabolites of testosterone are primarily transported by MRP2 and MRP3 in human liver, intestine and kidney. Journal of Steroid Biochemistry and Molecular Biology, 2019, 191, 105350.	1.2	43
15	Hepatic Abundance and Activity of Androgen- and Drug-Metabolizing Enzyme UGT2B17 Are Associated with Genotype, Age, and Sex. Drug Metabolism and Disposition, 2018, 46, 888-896.	1.7	42
16	Methamphetamine Accelerates Cellular Senescence through Stimulation of De Novo Ceramide Biosynthesis. PLoS ONE, 2015, 10, e0116961.	1.1	39
17	Sample preparation and orthogonal chromatography for broad polarity range plasma metabolomics: Application to human subjects with neurodegenerative dementia. Analytical Biochemistry, 2014, 455, 48-54.	1.1	38
18	Ion mobility mass spectrometry enhances low-abundance species detection in untargeted lipidomics. Metabolomics, 2016, 12, 50.	1.4	36

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19	Elevated plasma ceramide levels in post-menopausal women: a cross-sectional study. Aging, 2019, 11, 73-88.	1.4	36
20	Quantitative characterization of UDP-glucuronosyltransferase 2B17 in human liver and intestine and its role in testosterone first-pass metabolism. Biochemical Pharmacology, 2018, 156, 32-42.	2.0	35
21	Optimized Renal Transporter Quantification by Using Aquaporin 1 and Aquaporin 2 as Anatomical Markers: Application in Characterizing the Ontogeny of Renal Transporters and Its Correlation with Hepatic Transporters in Paired Human Samples. AAPS Journal, 2019, 21, 88.	2.2	33
22	Peroxide-Dependent MGL Sulfenylation Regulates 2-AG-Mediated Endocannabinoid Signaling in Brain Neurons. Chemistry and Biology, 2015, 22, 619-628.	6.2	31
23	Quantitative Investigation of Irinotecan Metabolism, Transport, and Gut Microbiome Activation. Drug Metabolism and Disposition, 2021, 49, 683-693.	1.7	30
24	Sphingomyelin as a myelin biomarker in CSF of acquired demyelinating neuropathies. Scientific Reports, 2017, 7, 7831.	1.6	27
25	Regional Proteomic Quantification of Clinically Relevant Non-Cytochrome P450 Enzymes along the Human Small Intestine. Drug Metabolism and Disposition, 2020, 48, 528-536.	1.7	27
26	Effect of the first window of ischemic preconditioning on mitochondrial dysfunction following global cerebral ischemia. Mitochondrion, 2002, 2, 181-189.	1.6	18
27	Inhibition of Serine Palmitoyltransferase by a Small Organic Molecule Promotes Neuronal Survival after Astrocyte Amyloid Beta 1â€“42 Injury. ACS Chemical Neuroscience, 2019, 10, 1627-1635.	1.7	15
28	Burkholderia cenocepacia: a new biocatalyst for efficient bioreduction of ezetimibe intermediate. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 1369-1374.	1.4	14
29	Patch clamp-assisted single neuron lipidomics. Scientific Reports, 2017, 7, 5318.	1.6	13
30	Ultrasensitive Quantification of Drug-metabolizing Enzymes and Transporters in Small Sample Volume by Microflow LC-MS/MS. Journal of Pharmaceutical Sciences, 2021, 110, 2833-2840.	1.6	13
31	Contribution of Uptake and Efflux Transporters to Oral Pharmacokinetics of Furosemide. ACS Omega, 2020, 5, 32939-32950.	1.6	13
32	Simulation of atmospheric dispersion of radionuclides using an Eulerianâ€“Lagrangian modelling system. Journal of Radiological Protection, 2008, 28, 539-561.	0.6	11
33	Effect of Dose and 5Î±â€Reductase Inhibition on the Circulating Testosterone Metabolite Profile of Men Administered Oral Testosterone. Clinical and Translational Science, 2018, 11, 513-522.	1.5	11
34	Exploiting Sphingo- and Glycerophospholipid Impairment to Select Effective Drugs and Biomarkers for CMT1A. Frontiers in Neurology, 2020, 11, 903.	1.1	11
35	Comparison of Tissue Abundance of Non-Cytochrome P450 Drug-Metabolizing Enzymes by Quantitative Proteomics between Humans and Laboratory Animal Species. Drug Metabolism and Disposition, 2022, 50, 197-203.	1.7	11
36	Sand: A natural and potential catalyst in renowned Friedel Craft's acylation of aromatic compounds. Journal of Saudi Chemical Society, 2013, 17, 177-180.	2.4	10

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37	Gender specific decrease of a set of circulating N-acylphosphatidyl ethanolamines (NAPEs) in the plasma of Parkinsonâ€™s disease patients. Metabolomics, 2019, 15, 74.	1.4	9
38	Quantitative Proteomics in Translational Absorption, Distribution, Metabolism, and Excretion and Precision Medicine. Pharmacological Reviews, 2022, 74, 771-798.	7.1	9
39	A Statistical Approach for Obtaining the Controlled Woven Fabric Width. Autex Research Journal, 2015, 15, 275-279.	0.6	8
40	Normalized Testosterone Glucuronide as a Potential Urinary Biomarker for Highly Variable UGT2B17 in Children 7â€“18 Years. Clinical Pharmacology and Therapeutics, 2020, 107, 1149-1158.	2.3	6
41	Split calibration curve: an approach to avoid repeat analysis of the samples exceeding ULOQ. Bioanalysis, 2012, 4, 2375-2389.	0.6	5
42	Comparative Proteomics Analysis of the Postmitochondrial Supernatant Fraction of Human Lens-Free Whole Eye and Liver. Drug Metabolism and Disposition, 2021, 49, 592-600.	1.7	5
43	Interindividual Variability and Differential Tissue Abundance of Mitochondrial Amidoxime Reducing Component Enzymes in Humans. Drug Metabolism and Disposition, 2022, 50, 191-196.	1.7	4
44	The Effect of Daily Methylsulfonylmethane (MSM) Consumption on High-Density Lipoprotein Cholesterol in Healthy Overweight and Obese Adults: A Randomized Controlled Trial. Nutrients, 2021, 13, 3620.	1.7	3
45	Quantifying drug metabolizing enzymes and transporters by LC-MS/MS proteomics. , 2020, , 359-385.		0
46	A1 - Is urinary testosterone glucuronide a potential biomarker for UGT2B17 ontogeny in ages 7 to 18 years?. Drug Metabolism and Pharmacokinetics, 2020, 35, S18.	1.1	0
47	P195 - A novel LC-MS/MS method for pivkaii quantification: Characterization of warfarin induced altered prothrombin des-carboxylation. Drug Metabolism and Pharmacokinetics, 2020, 35, S82.	1.1	0
48	Interâ€individual variability and differential tissue abundance of mitochondrial amidoxime reducing component 1 (mARC1) enzyme in human. FASEB Journal, 2021, 35, .	0.2	0