

Scott J Walmsley

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

305
citations

8
h-index

17
g-index

19
ext. papers

377
ext. citations

4.7
avg, IF

3.04
L-index

#	Paper	IF	Citations
18	Comprehensive analysis of protein digestion using six trypsins reveals the origin of trypsin as a significant source of variability in proteomics. <i>Journal of Proteome Research</i> , 2013 , 12, 5666-80	5.6	54
17	LuciPHOR: algorithm for phosphorylation site localization with false localization rate estimation using modified target-decoy approach. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3409-19	7.6	53
16	Cloning and characterization of five cDNAs encoding peritrophin-A domains from the cat flea, <i>Ctenocephalides felis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003 , 33, 1061-73	4.5	38
15	Performance of a High-Pressure Liquid Chromatography-Ion Mobility-Mass Spectrometry System for Metabolic Profiling. <i>Analytical Chemistry</i> , 2017 , 89, 6384-6391	7.8	32
14	Customized Consensus Spectral Library Building for Untargeted Quantitative Metabolomics Analysis with Data Independent Acquisition Mass Spectrometry and MetaboDIA Workflow. <i>Analytical Chemistry</i> , 2017 , 89, 4897-4906	7.8	27
13	Proteomic analysis of brush-border membrane vesicles isolated from purified proximal convoluted tubules. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, F1323-31	4.3	27
12	Identification of serum biomarkers for canine B-cell lymphoma by use of surface-enhanced laser desorption-ionization time-of-flight mass spectrometry. <i>American Journal of Veterinary Research</i> , 2007 , 68, 405-10	1.1	21
11	Proteomic profiling of the effect of metabolic acidosis on the apical membrane of the proximal convoluted tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1465-77	4.3	13
10	Methods and Challenges for Computational Data Analysis for DNA Adductomics. <i>Chemical Research in Toxicology</i> , 2019 , 32, 2156-2168	4	7
9	A prototypic small molecule database for bronchoalveolar lavage-based metabolomics. <i>Scientific Data</i> , 2018 , 5, 180060	8.2	6
8	Metabolism and biomarkers of heterocyclic aromatic amines in humans. <i>Genes and Environment</i> , 2021 , 43, 29	2.8	6
7	Development of a DNA Adductome Mass Spectral Database. <i>Chemical Research in Toxicology</i> , 2020 , 33, 852-854	4	5
6	Effects of Genotype on the Detoxification of 1,3-Butadiene Derived Diepoxide and Formation of Promutagenic DNA-DNA Cross-Links in Human Hapmap Cell Lines. <i>Chemical Research in Toxicology</i> , 2021 , 34, 119-131	4	5
5	A Perspective and Framework for Developing Sample Type Specific Databases for LC/MS-Based Clinical Metabolomics. <i>Metabolites</i> , 2019 , 10,	5.6	4
4	Identification of two cDNAs encoding synaptic vesicle protein 2 (SV2)-like proteins from epithelial tissues in the cat flea, <i>Ctenocephalides felis</i> . <i>Insect Molecular Biology</i> , 2004 , 13, 225-30	3.4	3
3	Kinetics of DNA Adducts and Abasic Site Formation in Tissues of Mice Treated with a Nitrogen Mustard. <i>Chemical Research in Toxicology</i> , 2020 , 33, 988-998	4	2
2	Comprehensive Analysis of DNA Adducts Using Data-Independent wSIM/MS Acquisition and wSIM-City. <i>Analytical Chemistry</i> , 2021 , 93, 6491-6500	7.8	1

- 1 The Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-]pyridine Hair Dosimeter, DNA Adductomics Discovery, and Associations with Prostate Cancer Pathology Biomarkers.. *Chemical Research in Toxicology*, **2022**, 4 1