Scott J Walmsley

List of Publications by Year
in descending order

19 papers	441 citations	758635 12 h-index	839053 18 g-index
19 all docs	19 docs citations	19 times ranked	872 citing authors

#	Article	IF	Citations
1	LuciPHOr: Algorithm for Phosphorylation Site Localization with False Localization Rate Estimation Using Modified Target-Decoy Approach. Molecular and Cellular Proteomics, 2013, 12, 3409-3419.	2.5	69
2	Comprehensive Analysis of Protein Digestion Using Six Trypsins Reveals the Origin of Trypsin As a Significant Source of Variability in Proteomics. Journal of Proteome Research, 2013, 12, 5666-5680.	1.8	63
3	Customized Consensus Spectral Library Building for Untargeted Quantitative Metabolomics Analysis with Data Independent Acquisition Mass Spectrometry and MetaboDIA Workflow. Analytical Chemistry, 2017, 89, 4897-4906.	3.2	42
4	Cloning and characterization of five cDNAs encoding peritrophin-A domains from the cat flea, Ctenocephalides felis. Insect Biochemistry and Molecular Biology, 2003, 33, 1061-1073.	1.2	41
5	Performance of a High-Pressure Liquid Chromatography-Ion Mobility-Mass Spectrometry System for Metabolic Profiling. Analytical Chemistry, 2017, 89, 6384-6391.	3.2	40
6	Proteomic analysis of brush-border membrane vesicles isolated from purified proximal convoluted tubules. American Journal of Physiology - Renal Physiology, 2010, 298, F1323-F1331.	1.3	32
7	Identification of serum biomarkers for canine B-cell lymphoma by use of surface-enhanced laser desorption-ionization time-of-flight mass spectrometry. American Journal of Veterinary Research, 2007, 68, 405-410.	0.3	25
8	Metabolism and biomarkers of heterocyclic aromatic amines in humans. Genes and Environment, 2021, 43, 29.	0.9	22
9	Methods and Challenges for Computational Data Analysis for DNA Adductomics. Chemical Research in Toxicology, 2019, 32, 2156-2168.	1.7	16
10	A Perspective and Framework for Developing Sample Type Specific Databases for LC/MS-Based Clinical Metabolomics. Metabolites, 2020, 10, 8.	1.3	16
11	Development of a DNA Adductome Mass Spectral Database. Chemical Research in Toxicology, 2020, 33, 852-854.	1.7	16
12	Proteomic profiling of the effect of metabolic acidosis on the apical membrane of the proximal convoluted tubule. American Journal of Physiology - Renal Physiology, 2012, 302, F1465-F1477.	1.3	14
13	Comprehensive Analysis of DNA Adducts Using Data-Independent wSIM/MS^2 Acquisition and wSIM-City. Analytical Chemistry, 2021, 93, 6491-6500.	3.2	11
14	A prototypic small molecule database for bronchoalveolar lavage-based metabolomics. Scientific Data, 2018, 5, 180060.	2.4	10
15	Effects of *GSTT1* Genotype on the Detoxification of 1,3-Butadiene Derived Diepoxide and Formation of Promutagenic DNA–DNA Cross-Links in Human Hapmap Cell Lines. Chemical Research in Toxicology, 2021, 34, 119-131.	1.7	10
16	Kinetics of DNA Adducts and Abasic Site Formation in Tissues of Mice Treated with a Nitrogen Mustard. Chemical Research in Toxicology, 2020, 33, 988-998.	1.7	7
17	The Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-*b*]pyridine Hair Dosimeter, DNA Adductomics Discovery, and Associations with Prostate Cancer Pathology Biomarkers. Chemical Research in Toxicology, 2022, 35, 703-730.	1.7	4
18	Identification of two cDNAs encoding synaptic vesicle protein 2 (SV2)-like proteins from epithelial tissues in the cat flea, Ctenocephalides felis. Insect Molecular Biology, 2004, 13, 225-230.	1.0	3

#	Article	IF	Citations
19	Truncated rank correlation (TRC) as a robust measure of test-retest reliability in mass spectrometry data. Statistical Applications in Genetics and Molecular Biology, 2019, 18, .	0.2	0