Emily G Armitage

List of Publications by Year
in descending order

24 papers	1,329 citations	516561 16 h-index	610775 24 g-index
24 all docs	24 docs citations	24 times ranked	2812 citing authors

#	Article	IF	Citations
1	Metabolic Phenotyping Study of Mouse Brains Following Acute or Chronic Exposures to Ethanol. Journal of Proteome Research, 2020, 19, 4071-4081.	1.8	11
2	Complex Interplay between Sphingolipid and Sterol Metabolism Revealed by Perturbations to the Leishmania Metabolome Caused by Miltefosine. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	31
3	Metabolic Clustering Analysis as a Strategy for Compound Selection in the Drug Discovery Pipeline for Leishmaniasis. ACS Chemical Biology, 2018, 13, 1361-1369.	1.6	15
4	To treat or not to treat: metabolomics reveals biomarkers for treatment indication in chronic lymphocytic leukaemia patients. Oncotarget, 2016, 7, 22324-22338.	0.8	17
5	Looking into aqueous humor through metabolomics spectacles â�’ exploring its metabolic characteristics in relation to myopia. Journal of Pharmaceutical and Biomedical Analysis, 2016, 127, 18-25.	1.4	60
6	Monitoring cancer prognosis, diagnosis and treatment efficacy using metabolomics and lipidomics. Metabolomics, 2016, 12, 146.	1.4	92
7	Metabolic profiling reveals potential metabolic markers associated with Hypoxia Inducible Factor-mediated signalling in hypoxic cancer cells. Scientific Reports, 2015, 5, 15649.	1.6	30
8	Inâ€source fragmentation and correlation analysis as tools for metabolite identification exemplified with CEâ€TOF untargeted metabolomics. Electrophoresis, 2015, 36, 2188-2195.	1.3	32
9	Missing value imputation strategies for metabolomics data. Electrophoresis, 2015, 36, 3050-3060.	1.3	118
10	Controlling the quality of metabolomics data: new strategies to get the best out of the QC sample. Metabolomics, 2015, 11, 518-528.	1.4	125
11	Metabolomics as a Tool for Drug Discovery and Personalised Medicine. A Review. Current Topics in Medicinal Chemistry, 2015, 14, 2627-2636.	1.0	64
12	Metabolomic evaluation of Mitomycin C and rapamycin in a personalized treatment of pancreatic cancer. Pharmacology Research and Perspectives, 2014, 2, e00067.	1.1	14
13	Correlation-based network analysis of cancer metabolism. SpringerBriefs in Systems Biology, 2014, , .	0.1	6
14	Metabolomics in cancer biomarker discovery: Current trends and future perspectives. Journal of Pharmaceutical and Biomedical Analysis, 2014, 87, 1-11.	1.4	284
15	Influence of Missing Values Substitutes on Multivariate Analysis of Metabolomics Data. Metabolites, 2014, 4, 433-452.	1.3	158
16	Metabolic Fingerprinting of In Vitro Cancer Cell Samples. SpringerBriefs in Systems Biology, 2014, , 15-20.	0.1	1
17	Network-Based Correlation Analysis of Metabolic Fingerprinting Data. SpringerBriefs in Systems Biology, 2014, , 21-34.	0.1	1
18	Timeâ€ofâ€flight SIMS as a novel approach to unlocking the hypoxic properties of cancer. Surface and Interface Analysis, 2013, 45, 282-285.	0.8	9

#	Article	IF	Citations
19	ToF–SIMS as a tool for metabolic profiling small biomolecules in cancer systems. Surface and Interface Analysis, 2013, 45, 277-281.	0.8	22
20	Evaluating the challenges associated with time-of-fight secondary ion mass spectrometry for metabolomics using pure and mixed metabolites. Metabolomics, 2013, 9, 535-544.	1.4	26
21	Imaging of metabolites using secondary ion mass spectrometry. Metabolomics, 2013, 9, 102-109.	1.4	13
22	A novel untargeted metabolomics correlation-based network analysis incorporating human metabolic reconstructions. BMC Systems Biology, 2013, 7, 107.	3.0	64
23	Metabolomics of diet-related diseases using mass spectrometry. TrAC - Trends in Analytical Chemistry, 2013, 52, 61-73.	5.8	19
24	Searching for urine biomarkers of bladder cancer recurrence using a liquid chromatography–mass spectrometry and capillary electrophoresis–mass spectrometry metabolomics approach. Journal of Chromatography A, 2013, 1318, 163-170.	1.8	117