

Emily G Armitage

List of Publications by Year in descending order

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Version: 2024-02-01

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	Metabolomics in cancer biomarker discovery: Current trends and future perspectives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 1-11.	1.4	284
2	Influence of Missing Values Substitutes on Multivariate Analysis of Metabolomics Data. <i>Metabolites</i> , 2014, 4, 433-452.	1.3	158
3	Controlling the quality of metabolomics data: new strategies to get the best out of the QC sample. <i>Metabolomics</i> , 2015, 11, 518-528.	1.4	125
4	Missing value imputation strategies for metabolomics data. <i>Electrophoresis</i> , 2015, 36, 3050-3060.	1.3	118
5	Searching for urine biomarkers of bladder cancer recurrence using a liquid chromatography-mass spectrometry and capillary electrophoresis-mass spectrometry metabolomics approach. <i>Journal of Chromatography A</i> , 2013, 1318, 163-170.	1.8	117
6	Monitoring cancer prognosis, diagnosis and treatment efficacy using metabolomics and lipidomics. <i>Metabolomics</i> , 2016, 12, 146.	1.4	92
7	A novel untargeted metabolomics correlation-based network analysis incorporating human metabolic reconstructions. <i>BMC Systems Biology</i> , 2013, 7, 107.	3.0	64
8	Metabolomics as a Tool for Drug Discovery and Personalised Medicine. A Review. <i>Current Topics in Medicinal Chemistry</i> , 2015, 14, 2627-2636.	1.0	64
9	Looking into aqueous humor through metabolomics spectacles - exploring its metabolic characteristics in relation to myopia. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 18-25.	1.4	60
10	In-source fragmentation and correlation analysis as tools for metabolite identification exemplified with CE-TOF untargeted metabolomics. <i>Electrophoresis</i> , 2015, 36, 2188-2195.	1.3	32
11	Complex Interplay between Sphingolipid and Sterol Metabolism Revealed by Perturbations to the Leishmania Metabolome Caused by Miltefosine. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	31
12	Metabolic profiling reveals potential metabolic markers associated with Hypoxia Inducible Factor-mediated signalling in hypoxic cancer cells. <i>Scientific Reports</i> , 2015, 5, 15649.	1.6	30
13	Evaluating the challenges associated with time-of-flight secondary ion mass spectrometry for metabolomics using pure and mixed metabolites. <i>Metabolomics</i> , 2013, 9, 535-544.	1.4	26
14	ToF-SIMS as a tool for metabolic profiling small biomolecules in cancer systems. <i>Surface and Interface Analysis</i> , 2013, 45, 277-281.	0.8	22
15	Metabolomics of diet-related diseases using mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 61-73.	5.8	19
16	To treat or not to treat: metabolomics reveals biomarkers for treatment indication in chronic lymphocytic leukaemia patients. <i>Oncotarget</i> , 2016, 7, 22324-22338.	0.8	17
17	Metabolic Clustering Analysis as a Strategy for Compound Selection in the Drug Discovery Pipeline for Leishmaniasis. <i>ACS Chemical Biology</i> , 2018, 13, 1361-1369.	1.6	15
18	Metabolomic evaluation of Mitomycin C and rapamycin in a personalized treatment of pancreatic cancer. <i>Pharmacology Research and Perspectives</i> , 2014, 2, e00067.	1.1	14

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19	Imaging of metabolites using secondary ion mass spectrometry. <i>Metabolomics</i> , 2013, 9, 102-109.	1.4	13
20	Metabolic Phenotyping Study of Mouse Brains Following Acute or Chronic Exposures to Ethanol. <i>Journal of Proteome Research</i> , 2020, 19, 4071-4081.	1.8	11
21	Time-of-flight SIMS as a novel approach to unlocking the hypoxic properties of cancer. <i>Surface and Interface Analysis</i> , 2013, 45, 282-285.	0.8	9
22	Correlation-based network analysis of cancer metabolism. <i>SpringerBriefs in Systems Biology</i> , 2014, , .	0.1	6
23	Metabolic Fingerprinting of In Vitro Cancer Cell Samples. <i>SpringerBriefs in Systems Biology</i> , 2014, , 15-20.	0.1	1
24	Network-Based Correlation Analysis of Metabolic Fingerprinting Data. <i>SpringerBriefs in Systems Biology</i> , 2014, , 21-34.	0.1	1