

Andrew D Southam

List of Publications by Year in descending order

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14
papers

1,242
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput tissue extraction protocol for NMR- and MS-based metabolomics. <i>Analytical Biochemistry</i> , 2008, 372, 204-212.	2.4	551
2	Dynamic Range and Mass Accuracy of Wide-Scan Direct Infusion Nano electrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry-Based Metabolomics Increased by the Spectral Stitching Method. <i>Analytical Chemistry</i> , 2007, 79, 4595-4602.	6.5	170
3	A complete workflow for high-resolution spectral-stitching nano electrospray direct-infusion mass-spectrometry-based metabolomics and lipidomics. <i>Nature Protocols</i> , 2017, 12, 310-328.	12.0	121
4	Monitoring cancer prognosis, diagnosis and treatment efficacy using metabolomics and lipidomics. <i>Metabolomics</i> , 2016, 12, 146.	3.0	92
5	Metabolomics Reveals Target and Off-Target Toxicities of a Model Organophosphate Pesticide to Roach (<i>Rutilus rutilus</i>): Implications for Biomonitoring. <i>Environmental Science & Technology</i> , 2011, 45, 3759-3767.	10.0	68
6	A signal filtering method for improved quantification and noise discrimination in fourier transform ion cyclotron resonance mass spectrometry-based metabolomics data. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1087-1095.	2.8	65
7	Drug Redeployment to Kill Leukemia and Lymphoma Cells by Disrupting SCD1-Mediated Synthesis of Monounsaturated Fatty Acids. <i>Cancer Research</i> , 2015, 75, 2530-2540.	0.9	48
8	Distinguishing between the metabolome and xenobiotic exposome in environmental field samples analysed by direct-infusion mass spectrometry based metabolomics and lipidomics. <i>Metabolomics</i> , 2014, 10, 1050-1058.	3.0	29
9	Probing the action of a novel anti-leukaemic drug therapy at the single cell level using modern vibrational spectroscopy techniques. <i>Scientific Reports</i> , 2017, 7, 2649.	3.3	28
10	Assessment of human plasma and urine sample preparation for reproducible and high-throughput UHPLC-MS clinical metabolic phenotyping. <i>Analyst, The</i> , 2020, 145, 6511-6523.	3.5	28
11	Characterization of Monophasic Solvent-Based Tissue Extractions for the Detection of Polar Metabolites and Lipids Applying Ultrahigh-Performance Liquid Chromatography-Mass Spectrometry Clinical Metabolic Phenotyping Assays. <i>Journal of Proteome Research</i> , 2021, 20, 831-840.	3.7	20
12	Multiple metabolic pathways are predictive of ricin intoxication in a rat model. <i>Metabolomics</i> , 2019, 15, 102.	3.0	8
13	Valproic acid disables the Nrf2 anti-oxidant response in acute myeloid leukaemia cells enhancing reactive oxygen species-mediated killing. <i>British Journal of Cancer</i> , 2022, 126, 275-286.	6.4	6
14	Combined bezafibrate, medroxyprogesterone acetate and valproic acid treatment inhibits osteosarcoma cell growth without adversely affecting normal mesenchymal stem cells. <i>Bioscience Reports</i> , 2021, 41, .	2.4	5