

Xinyu Zhang

List of Publications by Year in descending order

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20
papers

582
citations

687363

13
h-index

752698

20
g-index

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all docs

20
docs citations

20
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	A Metabolomic Aging Clock Using Human Cerebrospinal Fluid. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 744-754.	3.6	19
2	Predictive Modeling of Alzheimer's and Parkinson's Disease Using Metabolomic and Lipidomic Profiles from Cerebrospinal Fluid. <i>Metabolites</i> , 2022, 12, 277.	2.9	9
3	Five Easy Metrics of Data Quality for LC-MS-Based Global Metabolomics. <i>Analytical Chemistry</i> , 2020, 92, 12925-12933.	6.5	31
4	Tryptophan Metabolites in Irritable Bowel Syndrome: An Overnight Time-course Study. <i>Journal of Neurogastroenterology and Motility</i> , 2019, 25, 551-562.	2.4	16
5	Multiplatform Metabolomics Investigation of Antiadipogenic Effects on 3T3-L1 Adipocytes by a Potent Diarylheptanoid. <i>Journal of Proteome Research</i> , 2018, 17, 2092-2101.	3.7	16
6	Ion Trapping, Storage, and Ejection in Structures for Lossless Ion Manipulations. <i>Analytical Chemistry</i> , 2015, 87, 6010-6016.	6.5	48
7	Simulation of Electric Potentials and Ion Motion in Planar Electrode Structures for Lossless Ion Manipulations (SLIM). <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1890-1896.	2.8	49
8	Mobility-Resolved Ion Selection in Uniform Drift Field Ion Mobility Spectrometry/Mass Spectrometry: Dynamic Switching in Structures for Lossless Ion Manipulations. <i>Analytical Chemistry</i> , 2014, 86, 9632-9637.	6.5	45
9	Characterization of Ion Dynamics in Structures for Lossless Ion Manipulations. <i>Analytical Chemistry</i> , 2014, 86, 9162-9168.	6.5	62
10	Experimental Evaluation and Optimization of Structures for Lossless Ion Manipulations for Ion Mobility Spectrometry with Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 9169-9176.	6.5	91
11	Maintaining stimulant waveforms in large-volume microfluidic cell chambers. <i>Microfluidics and Nanofluidics</i> , 2013, 15, 65-71.	2.2	4
12	Quantitative Polymerase Chain Reaction Using Infrared Heating on a Microfluidic Chip. <i>Analytical Chemistry</i> , 2012, 84, 2825-2829.	6.5	35
13	Synchronization of mouse islets of Langerhans by glucose waveforms. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E742-E747.	3.5	27
14	Microfluidic multi-analyte gradient generator. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1985-1991.	3.7	15
15	Microfluidic System for Generation of Sinusoidal Glucose Waveforms for Entrainment of Islets of Langerhans. <i>Analytical Chemistry</i> , 2010, 82, 6704-6711.	6.5	49
16	Microfluidic Perfusion System for Automated Delivery of Temporal Gradients to Islets of Langerhans. <i>Analytical Chemistry</i> , 2009, 81, 1162-1168.	6.5	47
17	Deposition and growth kinetics studies of thin zirconium dioxide films by UVILS-CVD. <i>Applied Surface Science</i> , 2007, 253, 7942-7946.	6.1	2
18	Lattice Vibration Fundamentals of Anatase Nanocrystalline TiO ₂ Thin Films Detected Using Unpolarized Infrared Spectroscopy. <i>Chemistry Letters</i> , 2006, 35, 884-885.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Preparing optical thick films for planar waveguides with single spin-coating processes. Applied Physics A: Materials Science and Processing, 2005, 81, 1203-1205.	2.3	1
20	UV annealing of inorganic-organic composite films prepared by sol-gel technique. Thin Solid Films, 2004, 453-454, 59-62.	1.8	7