

R Mitchell Parry

List of Publications by Year in descending order

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15
papers

1,226
citations

1478505

6
h-index

1588992

8
g-index

15
all docs

15
docs citations

15
times ranked

2186
citing authors

#	ARTICLE	IF	CITATIONS
1	The MicroArray Quality Control (MAQC)-II study of common practices for the development and validation of microarray-based predictive models. <i>Nature Biotechnology</i> , 2010, 28, 827-838.	17.5	795
2	Desorption electrospray ionization mass spectrometry reveals surface-mediated antifungal chemical defense of a tropical seaweed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7314-7319.	7.1	200
3	Seaweed Allelopathy Against Coral: Surface Distribution of a Seaweed Secondary Metabolite by Imaging Mass Spectrometry. <i>Journal of Chemical Ecology</i> , 2012, 38, 1203-1214.	1.8	60
4	OmniSpect: An Open MATLAB-Based Tool for Visualization and Analysis of Matrix-Assisted Laser Desorption/Ionization and Desorption Electrospray Ionization Mass Spectrometry Images. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 646-649.	2.8	56
5	Whole Reproductive System Non-Negative Matrix Factorization Mass Spectrometry Imaging of an Early-Stage Ovarian Cancer Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0154837.	2.5	28
6	Matrix factorization techniques for analysis of imaging mass spectrometry data. , 2008, 2008, .		21
7	caCORRECT2: Improving the accuracy and reliability of microarray data in the presence of artifacts. <i>BMC Bioinformatics</i> , 2011, 12, 383.	2.6	13
8	Leaf classification utilizing a convolutional neural network. , 2015, , .		13
9	Automated beehive surveillance using computer vision. , 2015, , .		12
10	Hypergeometric Similarity Measure for Spatial Analysis in Tissue Imaging Mass Spectrometry. , 2011, 2011, 604-607.		11
11	A fast least-squares algorithm for population inference. <i>BMC Bioinformatics</i> , 2013, 14, 28.	2.6	5
12	Development of an automatic quantification method for cancer tissue microarray study. , 2009, 2009, 3665-8.		4
13	Win percentage: a novel measure for assessing the suitability of machine classifiers for biological problems. <i>BMC Bioinformatics</i> , 2012, 13, S7.	2.6	3
14	BeePhon: A Web-Application for Beehive Audio Exploration. , 2019, , .		3
15	Deblurring molecular images using desorption electrospray ionization mass spectrometry. , 2009, 2009, 6731-4.		2