

Sajjan S Mehta

List of Publications by Year in descending order

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11
papers

1,431
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

2639
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying metabolites by integrating metabolome databases with mass spectrometry cheminformatics. <i>Nature Methods</i> , 2018, 15, 53-56.	19.0	368
2	Identification of small molecules using accurate mass MS/MS search. <i>Mass Spectrometry Reviews</i> , 2018, 37, 513-532.	5.4	292
3	Mass Spectral Feature List Optimizer (MS-FLO): A Tool To Minimize False Positive Peak Reports in Untargeted Liquid Chromatography–Mass Spectroscopy (LC-MS) Data Processing. <i>Analytical Chemistry</i> , 2017, 89, 3250-3255.	6.5	139
4	Structure Annotation of All Mass Spectra in Untargeted Metabolomics. <i>Analytical Chemistry</i> , 2019, 91, 2155-2162.	6.5	131
5	MEAN SPECTRAL ENERGY DISTRIBUTIONS AND BOLOMETRIC CORRECTIONS FOR LUMINOUS QUASARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 4.	7.7	111
6	A metabolome atlas of the aging mouse brain. <i>Nature Communications</i> , 2021, 12, 6021.	12.8	91
7	Comprehensive comparison of in silico MS/MS fragmentation tools of the CASMI contest: database boosting is needed to achieve 93% accuracy. <i>Journal of Cheminformatics</i> , 2017, 9, 32.	6.1	80
8	Spectral entropy outperforms MS/MS dot product similarity for small-molecule compound identification. <i>Nature Methods</i> , 2021, 18, 1524-1531.	19.0	71
9	Increasing Compound Identification Rates in Untargeted Lipidomics Research with Liquid Chromatography Drift Time–Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 10758-10764.	6.5	63
10	SPLASH, a hashed identifier for mass spectra. <i>Nature Biotechnology</i> , 2016, 34, 1099-1101.	17.5	61
11	ASTROMETRIC REDSHIFTS FOR QUASARS. <i>Astronomical Journal</i> , 2009, 138, 19-27.	4.7	24