

Sajjan S Mehta

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11 papers	846 citations	9 h-index	11 g-index
11 ext. papers	1,167 ext. citations	14.3 avg, IF	3.81 L-index

#	Paper	IF	Citations
11	Identifying metabolites by integrating metabolome databases with mass spectrometry cheminformatics. <i>Nature Methods</i> , 2018 , 15, 53-56	21.6	200
10	Identification of small molecules using accurate mass MS/MS search. <i>Mass Spectrometry Reviews</i> , 2018 , 37, 513-532	11	194
9	MEAN SPECTRAL ENERGY DISTRIBUTIONS AND BOLOMETRIC CORRECTIONS FOR LUMINOUS QUASARS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 206, 4	8	91
8	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	7.8	85
7	Structure Annotation of All Mass Spectra in Untargeted Metabolomics. <i>Analytical Chemistry</i> , 2019 , 91, 2155-2162	7.8	78
6	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	8.6	64
5	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	7.8	49
4	SPLASH, a hashed identifier for mass spectra. <i>Nature Biotechnology</i> , 2016 , 34, 1099-1101	44.5	48
3	ASTROMETRIC REDSHIFTS FOR QUASARS. <i>Astronomical Journal</i> , 2009 , 138, 19-27	4.9	21
2	A metabolome atlas of the aging mouse brain. <i>Nature Communications</i> , 2021 , 12, 6021	17.4	9
1	Spectral entropy outperforms MS/MS dot product similarity for small-molecule compound identification. <i>Nature Methods</i> , 2021 , 18, 1524-1531	21.6	7