

# Matthew J Amicucci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3062309/publications.pdf>

Version: 2024-02-01

12  
papers

426  
citations

933447

10  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategy for Structural Elucidation of Polysaccharides: Elucidation of a Maize Mucilage that Harbors Diazotrophic Bacteria. <i>Analytical Chemistry</i> , 2019, 91, 7254-7265.	6.5	67
2	Hemimetabolous insects elucidate the origin of sexual development via alternative splicing. <i>ELife</i> , 2019, 8, .	6.0	61
3	Revisiting monosaccharide analysis – quantitation of a comprehensive set of monosaccharides using dynamic multiple reaction monitoring. <i>Analyst</i> , The, 2018, 143, 200-207.	3.5	60
4	Liquid Chromatography–Tandem Mass Spectrometry Approach for Determining Glycosidic Linkages. <i>Analytical Chemistry</i> , 2018, 90, 13073-13080.	6.5	51
5	A nonenzymatic method for cleaving polysaccharides to yield oligosaccharides for structural analysis. <i>Nature Communications</i> , 2020, 11, 3963.	12.8	49
6	A rapid-throughput adaptable method for determining the monosaccharide composition of polysaccharides. <i>International Journal of Mass Spectrometry</i> , 2019, 438, 22-28.	1.5	36
7	Biological activities of phenolic compounds extracted from Amaranthaceae plants and their LC/ESI-MS/MS profiling. <i>Journal of Functional Foods</i> , 2016, 26, 645-656.	3.4	35
8	Function without Structures: The Need for In-Depth Analysis of Dietary Carbohydrates. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4418-4424.	5.2	25
9	Development of an Extensive Linkage Library for Characterization of Carbohydrates. <i>Analytical Chemistry</i> , 2019, 91, 13022-13031.	6.5	22
10	Polysaccharide identification through oligosaccharide fingerprinting. <i>Carbohydrate Polymers</i> , 2021, 257, 117570.	10.2	14
11	A Multidimensional Mass Spectrometry-Based Workflow for <i>De Novo</i> Structural Elucidation of Oligosaccharides from Polysaccharides. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2175-2185.	2.8	6
12	Examination of Carbohydrate Products in Feces Reveals Potential Biomarkers Distinguishing Exclusive and Nonexclusive Breastfeeding Practices in Infants. <i>Journal of Nutrition</i> , 2020, 150, 1051-1057.	2.9	0