

# Melissa K Passarelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8361745/publications.pdf>

Version: 2024-02-01

6  
papers

707  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

1079  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 3D OrbiSIMS label-free metabolic imaging with subcellular lateral resolution and high mass-resolving power. <i>Nature Methods</i> , 2017, 14, 1175-1183.	19.0	327
2	Chemical intervention in plant sugar signalling increases yield and resilience. <i>Nature</i> , 2016, 540, 574-578.	27.8	157
3	Single-Cell Analysis: Visualizing Pharmaceutical and Metabolite Uptake in Cells with Label-Free 3D Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2015, 87, 6696-6702.	6.5	135
4	Peptide Fragmentation and Surface Structural Analysis by Means of ToF-SIMS Using Large Cluster Ion Sources. <i>Analytical Chemistry</i> , 2016, 88, 3592-3597.	6.5	59
5	Following spatial $A\beta$ aggregation dynamics in evolving Alzheimer's disease pathology by imaging stable isotope labeling kinetics. <i>Science Advances</i> , 2021, 7, .	10.3	22
6	OrbiSIMS Imaging Identifies Molecular Constituents of the Perialgal Vacuole Membrane of <i>Paramecium bursaria</i> with Symbiotic <i>Chlorella variabilis</i> . <i>Analytical Chemistry</i> , 2019, 91, 14545-14551.	6.5	7