

# Janet E Mccombs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4078400/publications.pdf>

Version: 2024-02-01

16  
papers

1,465  
citations

759055

12  
h-index

996849

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2483  
citing authors

#	ARTICLE	IF	CITATIONS
1	MICU1 encodes a mitochondrial EF hand protein required for Ca <sup>2+</sup> uptake. <i>Nature</i> , 2010, 467, 291-296.	13.7	747
2	Design and application of genetically encoded biosensors. <i>Trends in Biotechnology</i> , 2011, 29, 144-152.	4.9	213
3	Measuring calcium dynamics in living cells with genetically encodable calcium indicators. <i>Methods</i> , 2008, 46, 152-159.	1.9	113
4	Fucosylation and protein glycosylation create functional receptors for cholera toxin. <i>ELife</i> , 2015, 4, e09545.	2.8	81
5	Hepatitis B virus X protein targets Bcl-2 proteins to increase intracellular calcium, required for virus replication and cell death induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18471-18476.	3.3	75
6	High-throughput Purification and Quality Assurance of <i>Arabidopsis thaliana</i> Proteins for Eukaryotic Structural Genomics. <i>Journal of Structural and Functional Genomics</i> , 2005, 6, 143-147.	1.2	67
7	Using a genetically targeted sensor to investigate the role of presenilin-1 in ER Ca <sup>2+</sup> levels and dynamics. <i>Molecular BioSystems</i> , 2010, 6, 1640.	2.9	28
8	Vaccine-driven lung TRM cells provide immunity against <i>Klebsiella</i> via fibroblast IL-17R signaling. <i>Science Immunology</i> , 2021, 6, eabf1198.	5.6	28
9	Sialidase Specificity Determined by Chemoselective Modification of Complex Sialylated Glycans. <i>ACS Chemical Biology</i> , 2012, 7, 1509-1514.	1.6	26
10	Cellular metabolism of unnatural sialic acid precursors. <i>Glycoconjugate Journal</i> , 2015, 32, 515-529.	1.4	23
11	Enhanced Cross-Linking of Diazirine-Modified Sialylated Glycoproteins Enabled through Profiling of Sialidase Specificities. <i>ACS Chemical Biology</i> , 2016, 11, 185-192.	1.6	19
12	Regulation and Function of ILC3s in Pulmonary Infections. <i>Frontiers in Immunology</i> , 2021, 12, 672523.	2.2	17
13	Pneumococcal Neuraminidase Substrates Identified through Comparative Proteomics Enabled by Chemoselective Labeling. <i>Bioconjugate Chemistry</i> , 2016, 27, 1013-1022.	1.8	15
14	Glycan specificity of neuraminidases determined in microarray format. <i>Carbohydrate Research</i> , 2016, 428, 31-40.	1.1	9
15	Walking down the "œllâ€œ The Newfound Marriage between IL-36 and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 153-154.	1.4	4
16	Genetically encoded sensors for calcium and zinc. , 2008, , .		0