

# Jennifer Greaves

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,483  
citations

257357

24  
h-index

377752

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3036  
citing authors

#	ARTICLE	IF	CITATIONS
1	The intracellular dynamic of protein palmitoylation. <i>Journal of Cell Biology</i> , 2010, 191, 1229-1238.	2.3	294
2	DHHC palmitoyl transferases: substrate interactions and (patho)physiology. <i>Trends in Biochemical Sciences</i> , 2011, 36, 245-253.	3.7	272
3	Palmitoylation-dependent protein sorting. <i>Journal of Cell Biology</i> , 2007, 176, 249-254.	2.3	221
4	Functional and spatial segregation of secretory vesicle pools according to vesicle age. <i>Nature</i> , 2003, 422, 176-180.	13.7	198
5	A cluster of palmitoylated cysteines are essential for aggregation of cysteine-string protein mutants that cause neuronal ceroid lipofuscinosis. <i>Scientific Reports</i> , 2017, 7, 10.	1.6	177
6	Molecular basis of fatty acid selectivity in the zDHHC family of S-acyltransferases revealed by click chemistry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1365-E1374.	3.3	114
7	Palmitoylation and Membrane Interactions of the Neuroprotective Chaperone Cysteine-string Protein. <i>Journal of Biological Chemistry</i> , 2008, 283, 25014-25026.	1.6	110
8	Palmitoylation gates phosphorylation-dependent regulation of BK potassium channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 21006-21011.	3.3	100
9	Palmitoylation of the SNAP25 Protein Family. <i>Journal of Biological Chemistry</i> , 2010, 285, 24629-24638.	1.6	98
10	The Hydrophobic Cysteine-rich Domain of SNAP25 Couples with Downstream Residues to Mediate Membrane Interactions and Recognition by DHHC Palmitoyl Transferases. <i>Molecular Biology of the Cell</i> , 2009, 20, 1845-1854.	0.9	75
11	Palmitoylation of the synaptic vesicle fusion machinery. <i>Journal of Neurochemistry</i> , 2009, 110, 1135-1149.	2.1	70
12	The fat controller: roles of palmitoylation in intracellular protein trafficking and targeting to membrane microdomains (Review). <i>Molecular Membrane Biology</i> , 2009, 26, 67-79.	2.0	68
13	Dual Role of the Cysteine-String Domain in Membrane Binding and Palmitoylation-dependent Sorting of the Molecular Chaperone Cysteine-String Protein. <i>Molecular Biology of the Cell</i> , 2006, 17, 4748-4759.	0.9	67
14	Fam49/CYRI interacts with Rac1 and locally suppresses protrusions. <i>Nature Cell Biology</i> , 2018, 20, 1159-1171.	4.6	64
15	Plasma membrane targeting of exocytic SNARE proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1693, 81-89.	1.9	61
16	Endoplasmic Reticulum Localization of DHHC Palmitoyltransferases Mediated by Lysine-based Sorting Signals. <i>Journal of Biological Chemistry</i> , 2011, 286, 39573-39584.	1.6	61
17	The palmitoyl transferase DHHC2 targets a dynamic membrane cycling pathway: regulation by a C-terminal domain. <i>Molecular Biology of the Cell</i> , 2011, 22, 1887-1895.	0.9	61
18	Palmitoylation-induced Aggregation of Cysteine-string Protein Mutants That Cause Neuronal Ceroid Lipofuscinosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 37330-37339.	1.6	57

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19	Differential palmitoylation regulates intracellular patterning of SNAP25. <i>Journal of Cell Science</i> , 2011, 124, 1351-1360.	1.2	46
20	The zDHHC family of S-acyltransferases. <i>Biochemical Society Transactions</i> , 2015, 43, 217-221.	1.6	45
21	Substrate selectivity in the zDHHC family of S-acyltransferases. <i>Biochemical Society Transactions</i> , 2017, 45, 751-758.	1.6	34
22	Palmitoylation and the trafficking of peripheral membrane proteins. <i>Biochemical Society Transactions</i> , 2013, 41, 62-66.	1.6	32
23	New links between S-acylation and cancer. <i>Journal of Pathology</i> , 2014, 233, 4-6.	2.1	30
24	Tracking intracellular uptake and localisation of alkyne tagged fatty acids using Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 30-36.	2.0	29
25	Red, yellow, green go! – a novel tool for microscopic segregation of secretory vesicle pools according to their age. <i>Biochemical Society Transactions</i> , 2003, 31, 851-856.	1.6	16
26	Regulation of SNAP-25 trafficking and function by palmitoylation. <i>Biochemical Society Transactions</i> , 2010, 38, 163-166.	1.6	16
27	The C-terminal domain of zDHHC2 contains distinct sorting signals that regulate intracellular localisation in neurons and neuroendocrine cells. <i>Molecular and Cellular Neurosciences</i> , 2017, 85, 235-246.	1.0	15
28	The linker domain of the SNARE protein SNAP25 acts as a flexible molecular spacer that ensures efficient S-acylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 7501-7515.	1.6	14
29	S-acylation by the DHHC protein family. <i>Biochemical Society Transactions</i> , 2010, 38, 522-524.	1.6	12
30	Exocytosis Studies in a Chromaffin Cell-Free System. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 257-261.	1.8	8
31	S-acylation regulates the trafficking and stability of the unconventional Q-SNARE STX19. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	8
32	LIF-dependent survival of embryonic stem cells is regulated by a novel palmitoylated Gab1 signalling protein. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	4
33	Use of ANF-eGFP for the Visualization of Secretory Vesicles in Bovine Adrenal Chromaffin Cells. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 275-276.	1.8	3
34	Efficacy of Semliki Forest Virus Transduction of Bovine Adrenal Chromaffin Cells. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 641-646.	1.8	3
35	Detection of Heterogeneous Protein S-Acylation in Cells. <i>Methods in Molecular Biology</i> , 2019, 2009, 13-33.	0.4	0
36	Deform the membrane, cAPture the lipid. <i>Nature Chemical Biology</i> , 2021, 17, 371-372.	3.9	0