

Benjamin J Nichols

List of Publications by Year in descending order

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36
papers

5,486
citations

257450

24
h-index

395702

33
g-index

37
all docs

37
docs citations

37
times ranked

6185
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Cycling of Lipid Raft Markers between the Cell Surface and Golgi Complex. <i>Journal of Cell Biology</i> , 2001, 153, 529-542.	5.2	496
2	Flotillin-1 defines a clathrin-independent endocytic pathway in mammalian cells. <i>Nature Cell Biology</i> , 2006, 8, 46-54.	10.3	476
3	Homotypic vacuolar fusion mediated by t- and v-SNAREs. <i>Nature</i> , 1997, 387, 199-202.	27.8	451
4	Dynamics of putative raft-associated proteins at the cell surface. <i>Journal of Cell Biology</i> , 2004, 165, 735-746.	5.2	432
5	Endocytosis without clathrin coats. <i>Trends in Cell Biology</i> , 2001, 11, 406-412.	7.9	378
6	Molecular mechanisms of clathrin-independent endocytosis. <i>Journal of Cell Science</i> , 2009, 122, 1713-1721.	2.0	251
7	A Vacuolar t-SNARE Complex, the Predominant Form In Vivo and on Isolated Vacuoles, Is Disassembled and Activated for Docking and Fusion. <i>Journal of Cell Biology</i> , 1998, 140, 61-69.	5.2	235
8	A distinct class of endosome mediates clathrin-independent endocytosis to the Golgi complex. <i>Nature Cell Biology</i> , 2002, 4, 374-378.	10.3	234
9	The roles of flotillin microdomains in endocytosis and beyond. <i>Journal of Cell Science</i> , 2011, 124, 3933-3940.	2.0	231
10	Coassembly of Flotillins Induces Formation of Membrane Microdomains, Membrane Curvature, and Vesicle Budding. <i>Current Biology</i> , 2007, 17, 1151-1156.	3.9	226
11	SDPR induces membrane curvature and functions in the formation of caveolae. <i>Nature Cell Biology</i> , 2009, 11, 807-814.	10.3	218
12	Lipid raft proteins have a random distribution during localized activation of the T-cell receptor. <i>Nature Cell Biology</i> , 2004, 6, 238-243.	10.3	197
13	Caveolae: One Function or Many?. <i>Trends in Cell Biology</i> , 2016, 26, 177-189.	7.9	194
14	The Wnt signalling effector Dishevelled forms dynamic protein assemblies rather than stable associations with cytoplasmic vesicles. <i>Journal of Cell Science</i> , 2005, 118, 5269-5277.	2.0	184
15	Clathrin-independent pathways do not contribute significantly to endocytic flux. <i>ELife</i> , 2014, 3, e03970.	6.0	144
16	GM1-Containing Lipid Rafts Are Depleted within Clathrin-Coated Pits. <i>Current Biology</i> , 2003, 13, 686-690.	3.9	142
17	Pacsin 2 is recruited to caveolae and functions in caveolar biogenesis. <i>Journal of Cell Science</i> , 2011, 124, 2777-2785.	2.0	140
18	Molecular Composition and Ultrastructure of the Caveolar Coat Complex. <i>PLoS Biology</i> , 2013, 11, e1001640.	5.6	135

#	ARTICLE	IF	CITATIONS
19	Endocytosis of flotillin-1 and flotillin-2 is regulated by Fyn kinase. <i>Journal of Cell Science</i> , 2009, 122, 912-918.	2.0	115
20	Caveolae protect endothelial cells from membrane rupture during increased cardiac output. <i>Journal of Cell Biology</i> , 2015, 211, 53-61.	5.2	113
21	Dynamic caveolae exclude bulk membrane proteins and are required for sorting of excess glycosphingolipids. <i>Nature Communications</i> , 2015, 6, 6867.	12.8	89
22	Functional interdependence between septin and actin cytoskeleton. , 2004, 5, 43.		88
23	News from the caves: update on the structure and function of caveolae. <i>Current Opinion in Cell Biology</i> , 2014, 29, 99-106.	5.4	75
24	EHD Proteins Cooperate to Generate Caveolar Clusters and to Maintain Caveolae during Repeated Mechanical Stress. <i>Current Biology</i> , 2017, 27, 2951-2962.e5.	3.9	61
25	Gene delivery by dendrimers operates via different pathways in different cells, but is enhanced by the presence of caveolin. <i>Journal of Immunological Methods</i> , 2006, 314, 134-146.	1.4	56
26	The Role of Flotillins in Regulating A β Production, Investigated Using Flotillin 1 ^{-/-} , Flotillin 2 ^{-/-} Double Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e85217.	2.5	28
27	Flotillin β interacts with the serotonin transporter and modulates chronic corticosterone response. <i>Genes, Brain and Behavior</i> , 2019, 18, e12482.	2.2	22
28	Flotillin-1 facilitates toll-like receptor 3 signaling in human endothelial cells. <i>Basic Research in Cardiology</i> , 2014, 109, 439.	5.9	19
29	Cavin-3 Knockout Mice Show that Cavin-3 Is Not Essential for Caveolae Formation, for Maintenance of Body Composition, or for Glucose Tolerance. <i>PLoS ONE</i> , 2014, 9, e102935.	2.5	16
30	Flotillin proteins recruit sphingosine to membranes and maintain cellular sphingosine-1-phosphate levels. <i>PLoS ONE</i> , 2018, 13, e0197401.	2.5	13
31	<i>Listeria monocytogenes</i> Exploits Host Caveolin for Cell-to-Cell Spreading. <i>MBio</i> , 2020, 11, .	4.1	11
32	BioID identifies proteins involved in the cell biology of caveolae. <i>PLoS ONE</i> , 2018, 13, e0209856.	2.5	7
33	Cells respond to deletion of CAV1 by increasing synthesis of extracellular matrix. <i>PLoS ONE</i> , 2018, 13, e0205306.	2.5	5
34	Methamphetamine enhances caveolar transport of therapeutic agents across the rodent blood-brain barrier. <i>Cell Reports Medicine</i> , 2022, 3, 100497.	6.5	4
35	Caveolae protect endothelial cells from membrane rupture during increased cardiac output. <i>Journal of General Physiology</i> , 2015, 146, 1465OIA58.	1.9	0
36	Caveolae protect endothelial cells from membrane rupture during increased cardiac output. <i>Journal of Experimental Medicine</i> , 2015, 212, 21211OIA89.	8.5	0