

J David Castle

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

439
citations

933447

10
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	An intracellular role for ABCG1-mediated cholesterol transport in the regulated secretory pathway of mouse pancreatic β^2 cells. <i>Journal of Clinical Investigation</i> , 2010, 120, 2575-2589.	8.2	129
2	Reconstitution of calcium-mediated exocytosis of dense-core vesicles. <i>Science Advances</i> , 2017, 3, e1603208.	10.3	45
3	Innate immune signaling in <i>Drosophila</i> shifts anabolic lipid metabolism from triglyceride storage to phospholipid synthesis to support immune function. <i>PLoS Genetics</i> , 2020, 16, e1009192.	3.5	43
4	Function of the t-SNARE SNAP-23 and secretory carrier membrane proteins (SCAMPs) in exocytosis in mast cells. <i>Molecular Immunology</i> , 2002, 38, 1337-1340.	2.2	38
5	In vitro fusion of single synaptic and dense core vesicles reproduces key physiological properties. <i>Nature Communications</i> , 2019, 10, 3904.	12.8	37
6	A molecular mechanism for calcium-mediated synaptotagmin-triggered exocytosis. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 911-917.	8.2	32
7	Asymmetric Phosphatidylethanolamine Distribution Controls Fusion Pore Lifetime and Probability. <i>Biophysical Journal</i> , 2017, 113, 1912-1915.	0.5	31
8	Control of insulin granule formation and function by the ABC transporters ABCG1 and ABCA1 and by oxysterol binding protein OSBP. <i>Molecular Biology of the Cell</i> , 2018, 29, 1238-1257.	2.1	28
9	Protein Secretion by Rat Parotid Acinar Cells: Pathways and Regulation. <i>Annals of the New York Academy of Sciences</i> , 1998, 842, 115-124.	3.8	26
10	Distinct insulin granule subpopulations implicated in the secretory pathology of diabetes types 1 and 2. <i>ELife</i> , 2020, 9, .	6.0	26
11	Reinterpretation of the localization of the ATP binding cassette transporter ABCG1 in insulin-secreting cells and insights regarding its trafficking and function. <i>PLoS ONE</i> , 2018, 13, e0198383.	2.5	4
12	Separating Pathways in the Extracellular ESCRT Service. <i>Biophysical Journal</i> , 2017, 113, 1179-1180.	0.5	0
13	Kathryn Howell (1939-2020) "The Secretory Pathway was Imprinted in her Heart" <i>Traffic</i> , 2020, 21, 552-555.	2.7	0