

J David Castle

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

439
citations

933447

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1281871

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15
docs citations

15
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Kathryn Howell (1939â€2020) â€œThe Secretory Pathway was Imprinted in her Heartâ€ Traffic, 2020, 21, 552-555.	2.7	0
2	Innate immune signaling in Drosophila shifts anabolic lipid metabolism from triglyceride storage to phospholipid synthesis to support immune function. PLoS Genetics, 2020, 16, e1009192.	3.5	43
3	Distinct insulin granule subpopulations implicated in the secretory pathology of diabetes types 1 and 2. ELife, 2020, 9, .	6.0	26
4	In vitro fusion of single synaptic and dense core vesicles reproduces key physiological properties. Nature Communications, 2019, 10, 3904.	12.8	37
5	Control of insulin granule formation and function by the ABC transporters ABCG1 and ABCA1 and by oxysterol binding protein OSBP. Molecular Biology of the Cell, 2018, 29, 1238-1257.	2.1	28
6	A molecular mechanism for calcium-mediated synaptotagmin-triggered exocytosis. Nature Structural and Molecular Biology, 2018, 25, 911-917.	8.2	32
7	Reinterpretation of the localization of the ATP binding cassette transporter ABCG1 in insulin-secreting cells and insights regarding its trafficking and function. PLoS ONE, 2018, 13, e0198383.	2.5	4
8	Asymmetric Phosphatidylethanolamine Distribution Controls Fusion Pore Lifetime and Probability. Biophysical Journal, 2017, 113, 1912-1915.	0.5	31
9	Separating Pathways in the Extracellular ESCRT Service. Biophysical Journal, 2017, 113, 1179-1180.	0.5	0
10	Reconstitution of calcium-mediated exocytosis of dense-core vesicles. Science Advances, 2017, 3, e1603208.	10.3	45
11	An intracellular role for ABCG1-mediated cholesterol transport in the regulated secretory pathway of mouse pancreatic Î² cells. Journal of Clinical Investigation, 2010, 120, 2575-2589.	8.2	129
12	Function of the t-SNARE SNAP-23 and secretory carrier membrane proteins (SCAMPs) in exocytosis in mast cells. Molecular Immunology, 2002, 38, 1337-1340.	2.2	38
13	Protein Secretion by Rat Parotid Acinar Cells: Pathways and Regulation. Annals of the New York Academy of Sciences, 1998, 842, 115-124.	3.8	26