

David C Gershlick

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

954
citations

623734

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677142

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g-index

25
all docs

25
docs citations

25
times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Mechanism for Cargo Recognition by the Retromer Complex. <i>Cell</i> , 2016, 167, 1623-1635.e14.	28.9	172
2	Evidence for Sequential Action of <scp>Rab</scp>5 and <scp>Rab</scp>7 <scp>GTP</scp>ases in Prevacuolar Organelle Partitioning. <i>Traffic</i> , 2012, 13, 338-354.	2.7	78
3	Segregation in the Golgi complex precedes export of endolysosomal proteins in distinct transport carriers. <i>Journal of Cell Biology</i> , 2017, 216, 4141-4151.	5.2	78
4	Direct trafficking pathways from the Golgi apparatus to the plasma membrane. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 112-125.	5.0	78
5	A Recycling-Defective Vacuolar Sorting Receptor Reveals an Intermediate Compartment Situated between Prevacuoles and Vacuoles in Tobacco. <i>Plant Cell</i> , 2011, 22, 3992-4008.	6.6	77
6	Novel role for the midbody in primary ciliogenesis by polarized epithelial cells. <i>Journal of Cell Biology</i> , 2016, 214, 259-273.	5.2	74
7	Mechanisms and Concepts Paving the Way towards a Complete Transport Cycle of Plant Vacuolar Sorting Receptors. <i>Plant Cell</i> , 2012, 24, 1714-1732.	6.6	61
8	The Parkinsonâ€™s Disease Protein LRRK2 Interacts with the GARP Complex to Promote Retrograde Transport to the trans-Golgi Network. <i>Cell Reports</i> , 2020, 31, 107614.	6.4	49
9	Mutations in LRRK2 linked to Parkinson disease sequester Rab8a to damaged lysosomes and regulate transferrin-mediated iron uptake in microglia. <i>PLoS Biology</i> , 2021, 19, e3001480.	5.6	48
10	Molecular mechanism for the subversion of the retromer coat by the <i>Legionella</i> effector RidL. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11151-E11160.	7.1	42
11	Golgi-Dependent Transport of Vacuolar Sorting Receptors Is Regulated by COPII, AP1, and AP4 Protein Complexes in Tobacco A. <i>Plant Cell</i> , 2014, 26, 1308-1329.	6.6	39
12	A neurodevelopmental disorder caused by mutations in the VPS51 subunit of the GARP and EARP complexes. <i>Human Molecular Genetics</i> , 2019, 28, 1548-1560.	2.9	38
13	SNX19 restricts endolysosome motility through contacts with the endoplasmic reticulum. <i>Nature Communications</i> , 2021, 12, 4552.	12.8	33
14	TSSC1 is novel component of the endosomal retrieval machinery. <i>Molecular Biology of the Cell</i> , 2016, 27, 2867-2878.	2.1	27
15	Formation of Tubulovesicular Carriers from Endosomes and Their Fusion to the trans-Golgi Network. <i>International Review of Cell and Molecular Biology</i> , 2015, 318, 159-202.	3.2	14
16	Endosomal Trafficking: Retromer and Retriever Are Relatives in Recycling. <i>Current Biology</i> , 2017, 27, R1233-R1236.	3.9	11
17	Routes to and from the plasma membrane: bulk flow versus signal mediated endocytosis. <i>Plant Signaling and Behavior</i> , 2014, 9, e972813.	2.4	10
18	The autophagy protein ATG9A promotes HIV-1 infectivity. <i>Retrovirology</i> , 2019, 16, 18.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Going Forward with Retromer. <i>Developmental Cell</i> , 2014, 29, 3-4.	7.0	4
20	Clathrin adaptor AP-1-mediated Golgi export of amyloid precursor protein is crucial for the production of neurotoxic amyloid fragments. <i>Journal of Biological Chemistry</i> , 2022, 298, 102172.	3.4	4
21	Physical Removal of the Midbody Remnant from Polarised Epithelial Cells Using Take-Up by Suction Pressure (TUSP). <i>Bio-protocol</i> , 2017, 7, e2244.	0.4	2
22	Editorial: Energy Requirements in Membrane Trafficking. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 750633.	3.7	0