

Santiago M Di Pietro

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,197
citations

567281

15
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610901

24
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docs citations

26
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	BLOC-1 Interacts with BLOC-2 and the AP-3 Complex to Facilitate Protein Trafficking on Endosomes. <i>Molecular Biology of the Cell</i> , 2006, 17, 4027-4038.	2.1	201
2	The Cell Biology of Hermanskyâ€“Pudlak Syndrome: Recent Advances. <i>Traffic</i> , 2005, 6, 525-533.	2.7	166
3	BLOC-2, AP-3, and AP-1 Proteins Function in Concert with Rab38 and Rab32 Proteins to Mediate Protein Trafficking to Lysosome-related Organelles. <i>Journal of Biological Chemistry</i> , 2012, 287, 19550-19563.	3.4	107
4	TPC2 controls pigmentation by regulating melanosome pH and size. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5622-5627.	7.1	100
5	Characterization of BLOCâ€“2, a Complex Containing the Hermanskyâ€“Pudlak Syndrome Proteins HPS3, HPS5 and HPS6. <i>Traffic</i> , 2004, 5, 276-283.	2.7	94
6	Mechanism of platelet dense granule biogenesis: study of cargo transport and function of Rab32 and Rab38 in a model system. <i>Blood</i> , 2012, 120, 4072-4081.	1.4	88
7	Storage pool diseases illuminate platelet dense granule biogenesis. <i>Platelets</i> , 2017, 28, 138-146.	2.3	62
8	Myosin Vc Interacts with Rab32 and Rab38 Proteins and Works in the Biogenesis and Secretion of Melanosomes. <i>Journal of Biological Chemistry</i> , 2014, 289, 33513-33528.	3.4	58
9	SLAC, a complex between Sla1 and Las17, regulates actin polymerization during clathrin-mediated endocytosis. <i>Molecular Biology of the Cell</i> , 2012, 23, 4256-4272.	2.1	50
10	Cell type-specific Rab32 and Rab38 cooperate with the ubiquitous lysosome biogenesis machinery to synthesize specialized lysosome-related organelles. <i>Small GTPases</i> , 2013, 4, 16-21.	1.6	45
11	TPC2 mediates new mechanisms of platelet dense granule membrane dynamics through regulation of Ca ²⁺ release. <i>Molecular Biology of the Cell</i> , 2015, 26, 3263-3274.	2.1	40
12	Regulation of clathrin adaptor function in endocytosis: novel role for the SAM domain. <i>EMBO Journal</i> , 2010, 29, 1033-1044.	7.8	38
13	Flavonoids increase melanin production and reduce proliferation, migration and invasion of melanoma cells by blocking endolysosomal/melanosomal TPC2. <i>Scientific Reports</i> , 2021, 11, 8515.	3.3	34
14	Structure of Sla1p homology domain 1 and interaction with the NPFxD endocytic internalization motif. <i>EMBO Journal</i> , 2007, 26, 1963-1971.	7.8	21
15	Mechanism of platelet α -granule biogenesis: study of cargo transport and the VPS33B-VPS16B complex in a model system. <i>Blood Advances</i> , 2019, 3, 2617-2626.	5.2	18
16	A Second Las17 Monomeric Actinâ€“Binding Motif Functions in Arp2/3â€“Dependent Actin Polymerization During Endocytosis. <i>Traffic</i> , 2015, 16, 379-397.	2.7	14
17	Novel function of a dynein light chain in actin assembly during clathrin-mediated endocytosis. <i>Journal of Cell Biology</i> , 2017, 216, 2565-2580.	5.2	14
18	New Regulators of Clathrin-Mediated Endocytosis Identified in <i>Saccharomyces cerevisiae</i> by Systematic Quantitative Fluorescence Microscopy. <i>Genetics</i> , 2015, 201, 1061-1070.	2.9	10

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19	The Sla1 adaptor-clathrin interaction regulates coat formation and progression of endocytosis. <i>Traffic</i> , 2018, 19, 446-462.	2.7	9
20	Syntaxin 12 and COMMD3 are new factors that function with VPS33B in the biogenesis of platelet α -granules. <i>Blood</i> , 2022, 139, 922-935.	1.4	9
21	<i>In vivo</i> and <i>in vitro</i> Studies of Adaptor-clathrin Interaction. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	8
22	The dynein light chain protein Tda2 functions as a dimerization engine to regulate actin capping protein during endocytosis. <i>Molecular Biology of the Cell</i> , 2021, 32, mbc.E21-01-0032.	2.1	8
23	Reduce, reuse, recycle: a retrieval transport pathway for the membrane fusion machinery involved in melanosome biogenesis. <i>Pigment Cell and Melanoma Research</i> , 2017, 30, 10-12.	3.3	1
24	Utilizing chemically induced dimerization of FKBP to analyze endocytosis by live-cell imaging in budding yeast. <i>STAR Protocols</i> , 2022, 3, 101323.	1.2	1
25	Cargo-Mediated Recruitment of the Endocytic Adaptor Protein Sla1. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	0