

Simona Paladino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

2,173

citations

29

h-index

45

g-index

78

ext. papers

2,583

ext. citations

6

avg, IF

4.57

L-index

#	Paper	IF	Citations
66	Protein oligomerization modulates raft partitioning and apical sorting of GPI-anchored proteins. <i>Journal of Cell Biology</i> , 2004 , 167, 699-709	7.3	198
65	Wilson disease protein ATP7B utilizes lysosomal exocytosis to maintain copper homeostasis. <i>Developmental Cell</i> , 2014 , 29, 686-700	10.2	146
64	Caveolin transfection results in caveolae formation but not apical sorting of glycosylphosphatidylinositol (GPI)-anchored proteins in epithelial cells. <i>Journal of Cell Biology</i> , 1998 , 140, 617-26	7.3	127
63	PrP(C) association with lipid rafts in the early secretory pathway stabilizes its cellular conformation. <i>Molecular Biology of the Cell</i> , 2004 , 15, 4031-42	3.5	110
62	GPI-anchored proteins are directly targeted to the apical surface in fully polarized MDCK cells. <i>Journal of Cell Biology</i> , 2006 , 172, 1023-34	7.3	91
61	PrPC is sorted to the basolateral membrane of epithelial cells independently of its association with rafts. <i>Traffic</i> , 2002 , 3, 810-21	5.7	74
60	TRAP1 and the proteasome regulatory particle TBP7/Rpt3 interact in the endoplasmic reticulum and control cellular ubiquitination of specific mitochondrial proteins. <i>Cell Death and Differentiation</i> , 2012 , 19, 592-604	12.7	66
59	Molecular determinants of ER-Golgi contacts identified through a new FRET-FLIM system. <i>Journal of Cell Biology</i> , 2019 , 218, 1055-1065	7.3	59
58	Different GPI-attachment signals affect the oligomerisation of GPI-anchored proteins and their apical sorting. <i>Journal of Cell Science</i> , 2008 , 121, 4001-7	5.3	59
57	Metformin restores the mitochondrial network and reverses mitochondrial dysfunction in Down syndrome cells. <i>Human Molecular Genetics</i> , 2017 , 26, 1056-1069	5.6	53
56	Oligomerization is a specific requirement for apical sorting of glycosyl-phosphatidylinositol-anchored proteins but not for non-raft-associated apical proteins. <i>Traffic</i> , 2007 , 8, 251-8	5.7	51
55	Nrf2 Pathway in Age-Related Neurological Disorders: Insights into MicroRNAs. <i>Cellular Physiology and Biochemistry</i> , 2018 , 47, 1951-1976	3.9	51
54	Lysine-specific demethylase LSD1 regulates autophagy in neuroblastoma through SESN2-dependent pathway. <i>Oncogene</i> , 2017 , 36, 6701-6711	9.2	49
53	Translational control in the stress adaptive response of cancer cells: a novel role for the heat shock protein TRAP1. <i>Cell Death and Disease</i> , 2013 , 4, e851	9.8	48
52	Resveratrol couples apoptosis with autophagy in UVB-irradiated HaCaT cells. <i>PLoS ONE</i> , 2013 , 8, e80728	3.7	48
51	The combined effect of USP7 inhibitors and PARP inhibitors in hormone-sensitive and castration-resistant prostate cancer cells. <i>Oncotarget</i> , 2017 , 8, 31815-31829	3.3	45
50	Mitochondrial dysfunction in down syndrome: molecular mechanisms and therapeutic targets. <i>Molecular Medicine</i> , 2018 , 24, 2	6.2	44

49	Detergent-resistant membrane domains but not the proteasome are involved in the misfolding of a PrP mutant retained in the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2006 , 119, 433-42	5.3	43
48	Lipid rafts and clathrin cooperate in the internalization of PrP in epithelial FRT cells. <i>PLoS ONE</i> , 2009 , 4, e5829	3.7	42
47	Anandamide inhibits the Wnt/βcatenin signalling pathway in human breast cancer MDA MB 231 cells. <i>European Journal of Cancer</i> , 2012 , 48, 3112-22	7.5	38
46	New therapeutic perspectives in CCDC6 deficient lung cancer cells. <i>International Journal of Cancer</i> , 2015 , 136, 2146-57	7.5	35
45	FBXW7 and USP7 regulate CCDC6 turnover during the cell cycle and affect cancer drugs susceptibility in NSCLC. <i>Oncotarget</i> , 2015 , 6, 12697-709	3.3	34
44	Golgi sorting regulates organization and activity of GPI proteins at apical membranes. <i>Nature Chemical Biology</i> , 2014 , 10, 350-357	11.7	33
43	Alteration of endosomal trafficking is associated with early-onset parkinsonism caused by SYNJ1 mutations. <i>Cell Death and Disease</i> , 2018 , 9, 385	9.8	31
42	Selective roles for cholesterol and actin in compartmentalization of different proteins in the Golgi and plasma membrane of polarized cells. <i>Journal of Biological Chemistry</i> , 2008 , 283, 29545-53	5.4	31
41	Verapamil Inhibits Ser202/Thr205 Phosphorylation of Tau by Blocking TXNIP/ROS/p38 MAPK Pathway. <i>Pharmaceutical Research</i> , 2018 , 35, 44	4.5	30
40	High mobility group A1 protein modulates autophagy in cancer cells. <i>Cell Death and Differentiation</i> , 2017 , 24, 1948-1962	12.7	30
39	Endoplasmic reticulum stress reduces the export from the ER and alters the architecture of post-ER compartments. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 2511-21	5.6	30
38	Characterization of the properties and trafficking of an anchorless form of the prion protein. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22747-56	5.4	30
37	Trafficking and Membrane Organization of GPI-Anchored Proteins in Health and Diseases. <i>Current Topics in Membranes</i> , 2015 , 75, 269-303	2.2	27
36	Probing the Eumelanin-Silica Interface in Chemically Engineered Bulk Hybrid Nanoparticles for Targeted Subcellular Antioxidant Protection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37615-37622	9.5	25
35	Novel mutations in provide clues to the pathomechanisms of HSAN-VI. <i>Neurology</i> , 2017 , 88, 2132-2140	6.5	23
34	PERK-Mediated Unfolded Protein Response Activation and Oxidative Stress in PARK20 Fibroblasts. <i>Frontiers in Neuroscience</i> , 2019 , 13, 673	5.1	23
33	N-Glycosylation instead of cholesterol mediates oligomerization and apical sorting of GPI-APs in FRT cells. <i>Molecular Biology of the Cell</i> , 2011 , 22, 4621-34	3.5	21
32	N- and O-glycans are not directly involved in the oligomerization and apical sorting of GPI proteins. <i>Traffic</i> , 2008 , 9, 2141-50	5.7	21

31	EGFR activation triggers cellular hypertrophy and lysosomal disease in NAGLU-depleted cardiomyoblasts, mimicking the hallmarks of mucopolysaccharidosis IIIB. <i>Cell Death and Disease</i> , 2018 , 9, 40	9.8	20
30	A γ (+)LAT-1 mutant protein interferes with γ (+)LAT-2 activity: implications for the molecular pathogenesis of lysinuric protein intolerance. <i>European Journal of Human Genetics</i> , 2005 , 13, 628-34	5.3	19
29	Targeting Heparan Sulfate Proteoglycans as a Novel Therapeutic Strategy for Mucopolysaccharidoses. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018 , 10, 8-16	6.4	19
28	Cholesterol Homeostasis Modulates Platinum Sensitivity in Human Ovarian Cancer. <i>Cells</i> , 2020 , 9,	7.9	18
27	Analysis of detergent-resistant membranes associated with apical and basolateral GPI-anchored proteins in polarized epithelial cells. <i>FEBS Letters</i> , 2006 , 580, 5705-12	3.8	17
26	The thyroid hormone activating enzyme, type 2 deiodinase, induces myogenic differentiation by regulating mitochondrial metabolism and reducing oxidative stress. <i>Redox Biology</i> , 2019 , 24, 101228	11.3	16
25	Targeting Mitochondrial Network Architecture in Down Syndrome and Aging. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
24	Detergent-resistant membrane microdomains and apical sorting of GPI-anchored proteins in polarized epithelial cells. <i>International Journal of Medical Microbiology</i> , 2002 , 291, 439-45	3.7	15
23	Organization of GPI-anchored proteins at the cell surface and its physiopathological relevance. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018 , 53, 403-419	8.7	14
22	Convergent Effects of Resveratrol and PYK2 on Prostate Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	14
21	Pioglitazone Improves Mitochondrial Organization and Bioenergetics in Down Syndrome Cells. <i>Frontiers in Genetics</i> , 2019 , 10, 606	4.5	13
20	Functional interaction between p75NTR and TrkA: the endocytic trafficking of p75NTR is driven by TrkA and regulates TrkA-mediated signalling. <i>Biochemical Journal</i> , 2005 , 385, 233-41	3.8	12
19	Regulation of sub-compartmental targeting and folding properties of the Prion-like protein Shadoo. <i>Scientific Reports</i> , 2017 , 7, 3731	4.9	11
18	Effects of Long-Term Citrate Treatment in the PC3 Prostate Cancer Cell Line. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
17	N6-isopentenyladenosine improves nuclear shape in fibroblasts from humans with progeroid syndromes by inhibiting the farnesylation of prelamin A. <i>FEBS Journal</i> , 2013 , 280, 6223-32	5.7	10
16	Identification of sumoylation sites in CCDC6, the first identified RET partner gene in papillary thyroid carcinoma, uncovers a mode of regulating CCDC6 function on CREB1 transcriptional activity. <i>PLoS ONE</i> , 2012 , 7, e49298	3.7	10
15	Meldonium improves Huntington's disease mitochondrial dysfunction by restoring peroxisome proliferator-activated receptor α coactivator 1 expression. <i>Journal of Cellular Physiology</i> , 2019 , 234, 9233-9246	7	10
14	Clustering in the Golgi apparatus governs sorting and function of GPI-APs in polarized epithelial cells. <i>FEBS Letters</i> , 2019 , 593, 2351-2365	3.8	9

13	PD-1 blockade delays tumor growth by inhibiting an intrinsic SHP2/Ras/MAPK signalling in thyroid cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 22	12.8	9
12	The Shp-1 and Shp-2, tyrosine phosphatases, are recruited on cell membrane in two distinct molecular complexes including Ret oncogenes. <i>Cellular Signalling</i> , 2004 , 16, 847-56	4.9	8
11	Localization of neuroglobin in the brain of R6/2 mouse model of Huntington's disease. <i>Neurological Sciences</i> , 2018 , 39, 275-285	3.5	7
10	Differential recognition of a tyrosine-dependent signal in the basolateral and endocytic pathways of thyroid epithelial cells. <i>Endocrinology</i> , 2002 , 143, 1291-301	4.8	6
9	Human Trisomic iPSCs from Down Syndrome Fibroblasts Manifest Mitochondrial Alterations Early during Neuronal Differentiation. <i>Biology</i> , 2021 , 10,	4.9	4
8	GPI-anchored proteins are confined in subdiffraction clusters at the apical surface of polarized epithelial cells. <i>Biochemical Journal</i> , 2017 , 474, 4075-4090	3.8	3
7	Double knock-out of Hmga1 and Hipk2 genes causes perinatal death associated to respiratory distress and thyroid abnormalities in mice. <i>Cell Death and Disease</i> , 2019 , 10, 747	9.8	3
6	ZSCAN4 mouse embryonic stem cells have an oxidative and flexible metabolic profile. <i>EMBO Reports</i> , 2020 , 21, e48942	6.5	2
5	Chapter 14 Mechanisms of Polarized Sorting of GPI-anchored Proteins in Epithelial Cells. <i>The Enzymes</i> , 2009 , 289-319	2.3	1
4	Cell-penetrating peptides: two faces of the same coin. <i>Biochemical Journal</i> , 2020 , 477, 1363-1366	3.8	1
3	Phenotypic Effects of Homeodomain-Interacting Protein Kinase 2 Deletion in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
2	Overexpression of the Hsa21 Transcription Factor RUNX1 Modulates the Extracellular Matrix in Trisomy 21 Cells. <i>Frontiers in Genetics</i> , 2022 , 13, 824922	4.5	1
1	Bone marrow mesenchymal stem cells as a possible ruxolitinib reservoir in the bone marrow niche. <i>EJHaem</i> , 2020 , 1, 356-360	0.9	