

Simona Paladino

List of Publications by Year in descending order

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75
papers

2,893
citations

136740

32
h-index

182168

51
g-index

79
all docs

79
docs citations

79
times ranked

4852
citing authors

#	ARTICLE	IF	CITATIONS
1	Deregulation of microtubule organization and RNA metabolism in <i>Arx</i> models for lissencephaly and developmental epileptic encephalopathy. <i>Human Molecular Genetics</i> , 2022, 31, 1884-1908.	1.4	6
2	Overexpression of the Hsa21 Transcription Factor RUNX1 Modulates the Extracellular Matrix in Trisomy 21 Cells. <i>Frontiers in Genetics</i> , 2022, 13, 824922.	1.1	4
3	Fighting the Huntington's Disease with a G-Quadruplex-Forming Aptamer Specifically Binding to Mutant Huntingtin Protein: Biophysical Characterization, In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4804.	1.8	7
4	Down Syndrome Fetal Fibroblasts Display Alterations of Endosomal Trafficking Possibly due to SYNJ1 Overexpression. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	1
5	Genotype-Phenotype Correlations in Neurofibromatosis Type 1: Identification of Novel and Recurrent NF1 Gene Variants and Correlations with Neurocognitive Phenotype. <i>Genes</i> , 2022, 13, 1130.	1.0	10
6	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.	3.5	37
7	Human Trisomic iPSCs from Down Syndrome Fibroblasts Manifest Mitochondrial Alterations Early during Neuronal Differentiation. <i>Biology</i> , 2021, 10, 609.	1.3	11
8	Calcium levels in the Golgi complex regulate clustering and apical sorting of GPI-APs in polarized epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12
9	Phenotypic Effects of Homeodomain-Interacting Protein Kinase 2 Deletion in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8294.	1.8	6
10	Bone marrow mesenchymal stem cells as a possible ruxolitinib reservoir in the bone marrow niche. <i>EJHaem</i> , 2020, 1, 356-360.	0.4	0
11	<i>ZSCAN4</i> mouse embryonic stem cells have an oxidative and flexible metabolic profile. <i>EMBO Reports</i> , 2020, 21, e48942.	2.0	5
12	Targeting Mitochondrial Network Architecture in Down Syndrome and Aging. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3134.	1.8	23
13	Cholesterol Homeostasis Modulates Platinum Sensitivity in Human Ovarian Cancer. <i>Cells</i> , 2020, 9, 828.	1.8	41
14	Cell-penetrating peptides: two faces of the same coin. <i>Biochemical Journal</i> , 2020, 477, 1363-1366.	1.7	2
15	Clustering in the Golgi apparatus governs sorting and function of GPI-APs in polarized epithelial cells. <i>FEBS Letters</i> , 2019, 593, 2351-2365.	1.3	18
16	Pioglitazone Improves Mitochondrial Organization and Bioenergetics in Down Syndrome Cells. <i>Frontiers in Genetics</i> , 2019, 10, 606.	1.1	17
17	PERK-Mediated Unfolded Protein Response Activation and Oxidative Stress in PARK20 Fibroblasts. <i>Frontiers in Neuroscience</i> , 2019, 13, 673.	1.4	38
18	Double knock-out of <i>Hmga1</i> and <i>Hipk2</i> genes causes perinatal death associated to respiratory distress and thyroid abnormalities in mice. <i>Cell Death and Disease</i> , 2019, 10, 747.	2.7	6

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19	Molecular determinants of ERâ€“Golgi contacts identified through a new FRETâ€“FLIM system. <i>Journal of Cell Biology</i> , 2019, 218, 1055-1065.	2.3	94
20	Effects of Long-Term Citrate Treatment in the PC3 Prostate Cancer Cell Line. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2613.	1.8	18
21	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.	3.9	33
22	Meldonium improves Huntingtonâ€™s disease mitochondrial dysfunction by restoring peroxisome proliferatorâ€“activated receptor Î³ coactivator 1Î± expression. <i>Journal of Cellular Physiology</i> , 2019, 234, 9233-9246.	2.0	21
23	Alteration of endosomal trafficking is associated with early-onset parkinsonism caused by SYNJ1 mutations. <i>Cell Death and Disease</i> , 2018, 9, 385.	2.7	48
24	Verapamil Inhibits Ser202/Thr205 Phosphorylation of Tau by Blocking TXNIP/ROS/p38 MAPK Pathway. <i>Pharmaceutical Research</i> , 2018, 35, 44.	1.7	50
25	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.	2.7	23
26	Mitochondrial dysfunction in down syndrome: molecular mechanisms and therapeutic targets. <i>Molecular Medicine</i> , 2018, 24, 2.	1.9	85
27	Localization of neuroglobin in the brain of R6/2 mouse model of Huntingtonâ€™s disease. <i>Neurological Sciences</i> , 2018, 39, 275-285.	0.9	8
28	l12â€“...Are mitochondria a possible therapeutic target in huntingtonâ€™s disease?. , 2018, , .		0
29	Nrf2 Pathway in Age-Related Neurological Disorders: Insights into MicroRNAs. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1951-1976.	1.1	77
30	Targeting Heparan Sulfate Proteoglycans as a Novel Therapeutic Strategy for Mucopolysaccharidoses. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 10, 8-16.	1.8	25
31	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.	2.3	34
32	Metformin restores the mitochondrial network and reverses mitochondrial dysfunction in Down syndrome cells. <i>Human Molecular Genetics</i> , 2017, 26, ddx016.	1.4	70
33	Novel mutations in <i>dystonin</i> provide clues to the pathomechanisms of HSAN-VI. <i>Neurology</i> , 2017, 88, 2132-2140.	1.5	41
34	Regulation of sub-compartmental targeting and folding properties of the Prion-like protein Shadoo. <i>Scientific Reports</i> , 2017, 7, 3731.	1.6	14
35	Probing the Eumelaninâ€“Silica Interface in Chemically Engineered Bulk Hybrid Nanoparticles for Targeted Subcellular Antioxidant Protection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37615-37622.	4.0	41
36	GPI-anchored proteins are confined in subdiffraction clusters at the apical surface of polarized epithelial cells. <i>Biochemical Journal</i> , 2017, 474, 4075-4090.	1.7	6

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37	High mobility group A1 protein modulates autophagy in cancer cells. <i>Cell Death and Differentiation</i> , 2017, 24, 1948-1962.	5.0	39
38	Lysine-specific demethylase LSD1 regulates autophagy in neuroblastoma through SESN2-dependent pathway. <i>Oncogene</i> , 2017, 36, 6701-6711.	2.6	72
39	Editorial: Novel Mechanism of Radioactive Iodine Refractivity in Thyroid Cancer. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	3.0	11
40	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.	0.8	51
41	Convergent Effects of Resveratrol and PYK2 on Prostate Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1542.	1.8	16
42	FBXW7 and USP7 regulate CCDC6 turnover during the cell cycle and affect cancer drugs susceptibility in NSCLC. <i>Oncotarget</i> , 2015, 6, 12697-12709.	0.8	42
43	Trafficking and Membrane Organization of GPI-Anchored Proteins in Health and Diseases. <i>Current Topics in Membranes</i> , 2015, 75, 269-303.	0.5	35
44	New therapeutic perspectives in <sc>CCDC6</sc> deficient lung cancer cells. <i>International Journal of Cancer</i> , 2015, 136, 2146-2157.	2.3	41
45	Golgi sorting regulates organization and activity of GPI proteins at apical membranes. <i>Nature Chemical Biology</i> , 2014, 10, 350-357.	3.9	42
46	Wilson Disease Protein ATP7B Utilizes Lysosomal Exocytosis to Maintain Copper Homeostasis. <i>Developmental Cell</i> , 2014, 29, 686-700.	3.1	203
47	N ⁶ -isopentenyladenosine improves nuclear shape in fibroblasts from humans with progeroid syndromes by inhibiting the farnesylation of prelamin A. <i>FEBS Journal</i> , 2013, 280, 6223-6232.	2.2	12
48	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-e851.	2.7	55
49	Resveratrol Couples Apoptosis with Autophagy in UVB-Irradiated HaCaT Cells. <i>PLoS ONE</i> , 2013, 8, e80728.	1.1	56
50	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.	5.0	82
51	Anandamide inhibits the Wnt/ β -catenin signalling pathway in human breast cancer MDA MB 231 cells. <i>European Journal of Cancer</i> , 2012, 48, 3112-3122.	1.3	52
52	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.	1.1	13
53	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, 4621-4634.	0.9	28
54	Lipid Rafts and Clathrin Cooperate in the Internalization of PrPC in Epithelial FRT Cells. <i>PLoS ONE</i> , 2009, 4, e5829.	1.1	48

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55	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, 2511-2521.	1.2	35
56	Chapter 14 Mechanisms of Polarized Sorting of GPI-anchored Proteins in Epithelial Cells. <i>The Enzymes</i> , 2009, , 289-319.	0.7	1
57	Selective roles for cholesterol and actin in compartmentalization of different proteins in the Golgi and plasma membrane of polarized cells. VOLUME 283 (2008) PAGES 29545-29553. <i>Journal of Biological Chemistry</i> , 2009, 284, 708.	1.6	0
58	N- and O-Glycans Are Not Directly Involved in the Oligomerization and Apical Sorting of GPI Proteins. <i>Traffic</i> , 2008, 9, 2141-2150.	1.3	22
59	Different GPI-attachment signals affect the oligomerisation of GPI-anchored proteins and their apical sorting. <i>Journal of Cell Science</i> , 2008, 121, 4001-4007.	1.2	75
60	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, 29545-29553.	1.6	35
61	Characterization of the Properties and Trafficking of an Anchorless Form of the Prion Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 22747-22756.	1.6	36
62	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, 251-258.	1.3	54
63	Analysis of detergent-resistant membranes associated with apical and basolateral GPI-anchored proteins in polarized epithelial cells. <i>FEBS Letters</i> , 2006, 580, 5705-5712.	1.3	19
64	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, 433-442.	1.2	51
65	GPI-anchored proteins are directly targeted to the apical surface in fully polarized MDCK cells. <i>Journal of Cell Biology</i> , 2006, 172, 1023-1034.	2.3	104
66	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, 233-241.	1.7	13
67	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, 628-634.	1.4	21
68	PrPC Association with Lipid Rafts in the Early Secretory Pathway Stabilizes Its Cellular Conformation. <i>Molecular Biology of the Cell</i> , 2004, 15, 4031-4042.	0.9	125
69	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, 847-856.	1.7	9
70	Protein oligomerization modulates raft partitioning and apical sorting of GPI-anchored proteins. <i>Journal of Cell Biology</i> , 2004, 167, 699-709.	2.3	218
71	Differential Recognition of a Tyrosine-Dependent Signal in the Basolateral and Endocytic Pathways of Thyroid Epithelial Cells. <i>Endocrinology</i> , 2002, 143, 1291-1301.	1.4	8
72	PrPCs Sorted to the Basolateral Membrane of Epithelial Cells Independently of its Association with Rafts. <i>Traffic</i> , 2002, 3, 810-821.	1.3	85

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73	Detergent-resistant membrane microdomains and apical sorting of GPI-anchored proteins in polarized epithelial cells. <i>International Journal of Medical Microbiology</i> , 2001, 291, 439-445.	1.5	17
74	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, 617-626.	2.3	130
75	Mitochondrial Abnormalities in Down Syndrome: Pathogenesis, Effects and Therapeutic Approaches. , O, , .		0