

# Daniela Sarnataro

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,175  
citations

218381

26  
h-index

223531

46  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3386  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The highways and byways of prion protein trafficking. <i>Trends in Cell Biology</i> , 2005, 15, 102-111.	3.6	158
3	Metagenomics Reveals Dysbiosis and a Potentially Pathogenic <i>N. flavescens</i> Strain in Duodenum of Adult Celiac Patients. <i>American Journal of Gastroenterology</i> , 2016, 111, 879-890.	0.2	128
4	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
5	The Cannabinoid CB1 Receptor Antagonist Rimonabant (SR141716) Inhibits Human Breast Cancer Cell Proliferation through a Lipid Raft-Mediated Mechanism. <i>Molecular Pharmacology</i> , 2006, 70, 1298-1306.	1.0	122
6	Adiponectin affects lung epithelial A549 cell viability counteracting TNF $\alpha$ and IL-1 $\beta$ toxicity through AdipoR1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1145-1153.	1.2	97
7	Molecular determinants of ER-Golgi contacts identified through a new FRET-FLIM system. <i>Journal of Cell Biology</i> , 2019, 218, 1055-1065.	2.3	94
8	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
9	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
10	Plasma membrane and lysosomal localization of CB1 cannabinoid receptor are dependent on lipid rafts and regulated by anandamide in human breast cancer cells. <i>FEBS Letters</i> , 2005, 579, 6343-6349.	1.3	76
11	Novel mitochondrial protein interactors of immunoglobulin light chains causing heart amyloidosis. <i>FASEB Journal</i> , 2015, 29, 4614-4628.	0.2	60
12	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
13	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
14	$\beta$ -Adducin mutations increase Na/K pump activity in renal cells by affecting constitutive endocytosis: implications for tubular Na reabsorption. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F478-F487.	1.3	51
15	Lipid Rafts and Clathrin Cooperate in the Internalization of PrPC in Epithelial FRT Cells. <i>PLoS ONE</i> , 2009, 4, e5829.	1.1	48
16	Microbiome Influence in the Pathogenesis of Prion and Alzheimer's Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4704.	1.8	42
17	New therapeutic perspectives in <i>CCDC6</i> deficient lung cancer cells. <i>International Journal of Cancer</i> , 2015, 136, 2146-2157.	2.3	41
18	Cell Biology of Prion Protein. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 150, 57-82.	0.9	38

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19	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
20	l-Lactate metabolism in HEP G2 cell mitochondria due to the l-lactate dehydrogenase determines the occurrence of the lactate/pyruvate shuttle and the appearance of oxaloacetate, malate and citrate outside mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1679-1690.	0.5	35
21	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. <i>Nature Chemical Biology</i> , 2015, 11, 280-286.	3.9	35
22	An ancestral host defence peptide within human $\beta$ -defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2016, 5, 18450.	1.6	35
23	HMGA1 silencing reduces stemness and temozolomide resistance in glioblastoma stem cells. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1169-1179.	1.5	35
24	Protease Nexin-1 affects the migration and invasion of C6 glioma cells through the regulation of urokinase Plasminogen Activator and Matrix Metalloproteinase-9/2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2631-2644.	1.9	33
25	Nuclear localization of Formyl-Peptide Receptor 2 in human cancer cells. <i>Archives of Biochemistry and Biophysics</i> , 2016, 603, 10-19.	1.4	28
26	Attempt to Untangle the Prion-Like Misfolding Mechanism for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3081.	1.8	28
27	Let-7a Down-Regulation Plays a Role in Thyroid Neoplasias of Follicular Histotype Affecting Cell Adhesion and Migration through Its Ability to Target the <i>FXD5</i> ( <i>Dysadherin</i> ) Gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E2168-E2178.	1.8	25
28	HMGA1 negatively regulates NUMB expression at transcriptional and post transcriptional level in glioblastoma stem cells. <i>Cell Cycle</i> , 2019, 18, 1446-1457.	1.3	24
29	Membrane Protein 4F2/CD98 Is a Cell Surface Receptor Involved in the Internalization and Trafficking of Human $\beta$ -Defensin 3 in Epithelial Cells. <i>Chemistry and Biology</i> , 2015, 22, 217-228.	6.2	23
30	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. <i>Pharmaceutics</i> , 2020, 12, 559.	2.0	23
31	Protein Syndesmos is a novel RNA-binding protein that regulates primary cilia formation. <i>Nucleic Acids Research</i> , 2018, 46, 12067-12086.	6.5	20
32	New Insights into the Molecular Bases of Familial Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 26.	1.1	19
33	No Change in the Mucosal Gut Microbiome is Associated With Celiac Disease-Specific Microbiome Alteration in Adult Patients. <i>American Journal of Gastroenterology</i> , 2016, 111, 1659-1661.	0.2	18
34	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
35	The 37/67kDa laminin receptor (LR) inhibitor, NSC47924, affects 37/67kDa LR cell surface localization and interaction with the cellular prion protein. <i>Scientific Reports</i> , 2016, 6, 24457.	1.6	17
36	Detergent Insoluble Microdomains are not Involved in Transcytosis of Polymeric Ig Receptor in FRT and MDCK Cells. <i>Traffic</i> , 2000, 1, 794-802.	1.3	16

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37	Doppel and PrPC co-immunoprecipitate in detergent-resistant membrane domains of epithelial FRT cells. <i>Biochemical Journal</i> , 2010, 425, 341-351.	1.7	16
38	Regulation of sub-compartmental targeting and folding properties of the Prion-like protein Shadoo. <i>Scientific Reports</i> , 2017, 7, 3731.	1.6	14
39	Probiotics, prebiotics and their role in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2021, 16, 1768.	1.6	13
40	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
41	Binding of Carbonic Anhydrase IX to 45S rDNA Genes Is Prevented by Exportin-1 in Hypoxic Cells. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	11
42	Multimodal imaging for a theranostic approach in a murine model of B-cell lymphoma with engineered nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 483-491.	1.7	11
43	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. <i>Journal of Peptide Science</i> , 2017, 23, 303-310.	0.8	9
44	APP Maturation and Intracellular Localization Are Controlled by a Specific Inhibitor of 37/67 kDa Laminin-1 Receptor in Neuronal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1738.	1.8	9
45	Localization of neuroglobin in the brain of R6/2 mouse model of Huntington's disease. <i>Neurological Sciences</i> , 2018, 39, 275-285.	0.9	8
46	An $\beta$ -Crystallin Peptide Rescues Compartmentalization and Trafficking Response to Cu Overload of ATP7B-H1069Q, the Most Frequent Cause of Wilson Disease in the Caucasian Population. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1892.	1.8	8
47	Crosstalk between 14-3-3 $\sigma$ and AF4 enhances MLL-AF4 activity and promotes leukemia cell proliferation. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 829-845.	2.1	6
48	Inhibition of 37/67kDa Laminin-1 Receptor Restores APP Maturation and Reduces Amyloid- $\beta^2$ in Human Skin Fibroblasts from Familial Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 232.	1.1	6
49	ZSCAN4 mouse embryonic stem cells have an oxidative and flexible metabolic profile. <i>EMBO Reports</i> , 2020, 21, e48942.	2.0	5
50	Nuclear FGFR2 Interacts with the MLL-AF4 Oncogenic Chimera and Positively Regulates HOXA9 Gene Expression in t(4;11) Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4623.	1.8	4
51	Activation of Non-Canonical Autophagic Pathway through Inhibition of Non-Integrin Laminin Receptor in Neuronal Cells. <i>Cells</i> , 2022, 11, 466.	1.8	3