

# Antonino Colanzi

## List of Publications by Year in descending order

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47  
papers

2,877  
citations

185998

28  
h-index

233125

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Kinase D Regulates the Fission of Cell Surface Destined Transport Carriers from the Trans-Golgi Network. <i>Cell</i> , 2001, 104, 409-420.	13.5	343
2	CtBP/BARS induces fission of Golgi membranes by acylating lysophosphatidic acid. <i>Nature</i> , 1999, 402, 429-433.	13.7	314
3	The closure of Pak1-dependent macropinosomes requires the phosphorylation of CtBP1/BARS. <i>EMBO Journal</i> , 2008, 27, 970-981.	3.5	177
4	CtBP3/BARS drives membrane fission in dynamin-independent transport pathways. <i>Nature Cell Biology</i> , 2005, 7, 570-580.	4.6	162
5	The Golgi and the centrosome: building a functional partnership. <i>Journal of Cell Biology</i> , 2010, 188, 621-628.	2.3	129
6	Mitotic Golgi Partitioning Is Driven by the Membrane-Fissioning Protein CtBP3/BARS. <i>Science</i> , 2004, 305, 93-96.	6.0	120
7	The multiple activities of CtBP/BARS proteins: the Golgi view. <i>Trends in Cell Biology</i> , 2006, 16, 167-173.	3.6	111
8	The Golgi mitotic checkpoint is controlled by BARS-dependent fission of the Golgi ribbon into separate stacks in G2. <i>EMBO Journal</i> , 2007, 26, 2465-2476.	3.5	111
9	Cell-cycle-specific Golgi fragmentation: how and why?. <i>Current Opinion in Cell Biology</i> , 2003, 15, 462-467.	2.6	106
10	The Golgi apparatus: an organelle with multiple complex functions. <i>Biochemical Journal</i> , 2011, 433, 1-9.	1.7	100
11	A Specific Activation of the Mitogen-Activated Protein Kinase Kinase 1 (Mek1) Is Required for Golgi Fragmentation during Mitosis. <i>Journal of Cell Biology</i> , 2000, 149, 331-340.	2.3	98
12	Mitosis controls the Golgi and the Golgi controls mitosis. <i>Current Opinion in Cell Biology</i> , 2007, 19, 386-393.	2.6	95
13	Molecular Cloning and Functional Characterization of Brefeldin A-ADP-ribosylated Substrate. <i>Journal of Biological Chemistry</i> , 1999, 274, 17705-17710.	1.6	92
14	A 14-3-3 $\beta$ dimer-based scaffold bridges CtBP1-S/BARS to PI(4)KIII $\beta$ to regulate post-Golgi carrier formation. <i>Nature Cell Biology</i> , 2012, 14, 343-354.	4.6	79
15	Stimulation of endogenous ADP-ribosylation by brefeldin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 1114-1118.	3.3	77
16	RAF1-activated MEK1 is found on the Golgi apparatus in late prophase and is required for Golgi complex fragmentation in mitosis. <i>Journal of Cell Biology</i> , 2003, 161, 27-32.	2.3	61
17	Role of NAD <sup>+</sup> and ADP-Ribosylation in the Maintenance of the Golgi Structure. <i>Journal of Cell Biology</i> , 1997, 139, 1109-1118.	2.3	50
18	Golgi complex fragmentation in G2/M transition: An organelle-based cell cycle checkpoint. <i>IUBMB Life</i> , 2012, 64, 661-670.	1.5	50

#	ARTICLE	IF	CITATIONS
19	JNK2 controls fragmentation of the Golgi complex and the G2/M transition through phosphorylation of GRASP65. <i>Journal of Cell Science</i> , 2015, 128, 2249-2260.	1.2	50
20	Evidence that the 50-kDa substrate of brefeldin A-dependent ADP-ribosylation binds GTP and is modulated by the G-protein beta gamma subunit complex.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7065-7069.	3.3	49
21	Dicumarol, an inhibitor of ADP-ribosylation of CtBP3/BARS, fragments Golgi non-compact tubular zones and inhibits intra-Golgi transport. <i>European Journal of Cell Biology</i> , 2004, 83, 263-279.	1.6	43
22	Mitotic inheritance of the Golgi complex and its role in cell division. <i>Biology of the Cell</i> , 2017, 109, 364-374.	0.7	42
23	Golgi Partitioning Controls Mitotic Entry through Aurora-A Kinase. <i>Molecular Biology of the Cell</i> , 2010, 21, 3708-3721.	0.9	41
24	Characterization of Chemical Inhibitors of Brefeldin A-activated Mono-ADP-ribosylation. <i>Journal of Biological Chemistry</i> , 1997, 272, 14200-14207.	1.6	37
25	Molecular mechanism and functional role of brefeldin A-mediated ADP-ribosylation of CtBP1/BARS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9794-9799.	3.3	37
26	Aurora-A recruitment and centrosomal maturation are regulated by a Golgi-activated pool of Src during G2. <i>Nature Communications</i> , 2016, 7, 11727.	5.8	37
27	Mechanisms and Regulation of the Mitotic Inheritance of the Golgi Complex. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 79.	1.8	35
28	Mitotic inheritance of the Golgi complex. <i>FEBS Letters</i> , 2009, 583, 3857-3862.	1.3	34
29	Alterations of Golgi organization in Alzheimer's disease: A cause or a consequence?. <i>Tissue and Cell</i> , 2017, 49, 133-140.	1.0	27
30	The Golgi ribbon: mechanisms of maintenance and disassembly during the cell cycle. <i>Biochemical Society Transactions</i> , 2020, 48, 245-256.	1.6	22
31	Functional Coordination among the Golgi Complex, the Centrosome and the Microtubule Cytoskeleton during the Cell Cycle. <i>Cells</i> , 2022, 11, 354.	1.8	18
32	GRASP65 controls Golgi position and structure during G2/M transition by regulating the stability of microtubules. <i>Traffic</i> , 2019, 20, 785-802.	1.3	16
33	Organelle Inheritance Control of Mitotic Entry and Progression: Implications for Tissue Homeostasis and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 133.	1.8	14
34	Determination of 2-aminopyridine in piroxicam by derivative UV-spectrophotometry. <i>International Journal of Pharmaceutics</i> , 1989, 53, 257-259.	2.6	13
35	Cep126 is required for pericentriolar satellite localisation to the centrosome and for primary cilium formation. <i>Biology of the Cell</i> , 2014, 106, 254-267.	0.7	13
36	Signaling at the Golgi During Mitosis. <i>Methods in Cell Biology</i> , 2013, 118, 383-400.	0.5	12

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37	The role of Aurora-A kinase in the Golgi-dependent control of mitotic entry. <i>Bioarchitecture</i> , 2011, 1, 61-65.	1.5	11
38	Golgi Complex: A Signaling Hub in Cancer. <i>Cells</i> , 2022, 11, 1990.	1.8	9
39	Brefeldin A-Induced ADP-Ribosylation in the Structure and Function of the Golgi Complex. <i>Advances in Experimental Medicine and Biology</i> , 1997, 419, 331-335.	0.8	8
40	Combinatorial Strategies to Target Molecular and Signaling Pathways to Disarm Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2021, 11, 689131.	1.3	6
41	Characterization of the Endogenous Mono-ADP-Ribosylation Stimulated by Brefeldin A. <i>Advances in Experimental Medicine and Biology</i> , 1997, 419, 337-342.	0.8	6
42	Role of brefeldin A-dependent ADP-ribosylation in the control of intracellular membrane transport. <i>Molecular and Cellular Biochemistry</i> , 1999, 193, 43-51.	1.4	5
43	Assays to Study the Fragmentation of the Golgi Complex During the G2â€M Transition of the Cell Cycle. <i>Methods in Molecular Biology</i> , 2016, 1496, 173-185.	0.4	5
44	Determination of bamifylline hydrochloride impurities in bulk material and pharmaceutical forms using liquid chromatography with ultraviolet detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1990, 8, 1067-1069.	1.4	4
45	The <i>Neisseria meningitidis</i> ADP-Ribosyltransferase NarE Enters Human Epithelial Cells and Disrupts Epithelial Monolayer Integrity. <i>PLoS ONE</i> , 2015, 10, e0127614.	1.1	4
46	Structural Organization and Function of the Golgi Ribbon During Cell Division. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
47	Role of brefeldin A-dependent ADP-ribosylation in the control of intracellular membrane transport. , 1999, , 43-51.		0