Crislyn D'Souza-Schorey

List of Publications by Year
in descending order

68 papers	15,670 citations	66343 42 h-index	106344 65 g-index
71 all docs	71 docs citations	71 times ranked	20348 citing authors

#	Article	IF	Citations
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
2	ARF proteins: roles in membrane traffic and beyond. Nature Reviews Molecular Cell Biology, 2006, 7, 347-358.	37.0	1,244
3	Microvesicles: mediators of extracellular communication during cancer progression. Journal of Cell Science, 2010, 123, 1603-1611.	2.0	811
4	ARF6-Regulated Shedding of Tumor Cell-Derived Plasma Membrane Microvesicles. Current Biology, 2009, 19, 1875-1885.	3.9	657
5	Tumor-derived microvesicles: shedding light on novel microenvironment modulators and prospective cancer biomarkers. Genes and Development, 2012, 26, 1287-1299.	5.9	455
6	A regulatory role for ARF6 in receptor-mediated endocytosis. Science, 1995, 267, 1175-1178.	12.6	408
7	Biology and biogenesis of shed microvesicles. Small GTPases, 2017, 8, 220-232.	1.6	391
8	Large Oncosomes in Human Prostate Cancer Tissues and in the Circulation of Mice with Metastatic Disease. American Journal of Pathology, 2012, 181, 1573-1584.	3.8	321
9	Lysosomal Targeting of E-Cadherin: a Unique Mechanism for the Down-Regulation of Cell-Cell Adhesion during Epithelial to Mesenchymal Transitions. Molecular and Cellular Biology, 2005, 25, 389-402.	2.3	295
10	ARF6-GTP recruits Nm23-H1 to facilitate dynamin-mediated endocytosis during adherens junctions disassembly. Nature Cell Biology, 2002, 4, 929-936.	10.3	294
11	The interaction of IQGAP1 with the exocyst complex is required for tumor cell invasion downstream of Cdc42 and RhoA. Journal of Cell Biology, 2008, 181, 985-998.	5.2	260
12	ARF6 Targets Recycling Vesicles to the Plasma Membrane: Insights from an Ultrastructural Investigation. Journal of Cell Biology, 1998, 140, 603-616.	5.2	225
13	Disassembling adherens junctions: breaking up is hard to do. Trends in Cell Biology, 2005, 15, 19-26.	7.9	199
14	ADP-Ribosylation Factor 6 Regulates Actin Cytoskeleton Remodeling in Coordination with Rac1 and RhoA. Molecular and Cellular Biology, 2000, 20, 3685-3694.	2.3	168
15	The biology of extracellular microvesicles. Traffic, 2018, 19, 319-327.	2.7	160
16	ADP-ribosylation factor 6 regulates tumor cell invasion through the activation of the MEK/ERK signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9671-9676.	7.1	153
17	Regulated delivery of molecular cargo to invasive tumour-derived microvesicles. Nature Communications, 2015, 6, 6919.	12.8	151
18	Rac Regulates Integrin-Mediated Spreading and Increased Adhesion of T Lymphocytes. Molecular and Cellular Biology, 1998, 18, 3936-3946.	2.3	149

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19	Extracellular microvesicles and invadopodia mediate non-overlapping modes of tumor cell invasion. Scientific Reports, 2015, 5, 14748.	3.3	136
20	ARF6-mediated endocytic recycling impacts cell movement, cell division and lipid homeostasis. Seminars in Cell and Developmental Biology, 2011, 22, 39-47.	5.0	129
21	Actin Assembly at Membranes Controlled by ARF6. Traffic, 2000, 1, 896-907.	2.7	126
22	Requirement of an intact microtubule cytoskeleton for aggregation and inclusion body formation by a mutant huntingtin fragment. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 727-732.	7.1	126
23	The Small GTPase ARF6 Stimulates Î²-Catenin Transcriptional Activity During WNT5A-Mediated Melanoma Invasion and Metastasis. Science Signaling, 2013, 6, ra14.	3.6	122
24	Endocytosis Resumes during Late Mitosis and Is Required for Cytokinesis. Journal of Biological Chemistry, 2005, 280, 41628-41635.	3.4	106
25	Localization and Activation of the ARF6 GTPase during Cleavage Furrow Ingression and Cytokinesis. Journal of Biological Chemistry, 2002, 277, 27210-27216.	3.4	101
26	An ARF6â€“Exportin-5 axis delivers pre-miRNA cargo to tumour microvesicles. Nature Cell Biology, 2019, 21, 856-866.	10.3	101
27	ADP-Ribosylation Factor 6 Regulates Glioma Cell Invasion through the IQ-Domain GTPase-Activating Protein 1-Rac1â€“Mediated Pathway. Cancer Research, 2009, 69, 794-801.	0.9	91
28	ADP-Ribosylation Factor 6 Regulates Tumorigenic and Invasive Properties In vivo. Cancer Research, 2009, 69, 2201-2209.	0.9	89
29	Efficient uptake of Yersinia pseudotuberculosis via integrin receptors involves a Rac1-Arp 2/3 pathway that bypasses N-WASP function. Molecular Microbiology, 2008, 42, 689-703.	2.5	87
30	Modulation of Rac1 and ARF6 Activation during Epithelial Cell Scattering. Journal of Biological Chemistry, 2003, 278, 17395-17400.	3.4	79
31	Regulation and mechanisms of extracellular vesicle biogenesis and secretion. Essays in Biochemistry, 2018, 62, 125-133.	4.7	78
32	Wnt Signaling in Cell Motility and Invasion: Drawing Parallels between Development and Cancer. Cancers, 2016, 8, 80.	3.7	72
33	A requirement for ARF6 during the completion of cytokinesis. Experimental Cell Research, 2005, 311, 74-83.	2.6	61
34	The ins and outs of microvesicles. FASEB BioAdvances, 2021, 3, 399-406.	2.4	60
35	Finishing the job: cytoskeletal and membrane events bring cytokinesis to an end. Experimental Cell Research, 2004, 295, 1-8.	2.6	58
36	Heterotrimeric G Proteins Interact with the Small GTPase ARF. Journal of Biological Chemistry, 1995, 270, 24564-24571.	3.4	54

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37	Subcellular Distribution and Differential Expression of Endogenous ADP-ribosylation Factor 6 in Mammalian Cells. Journal of Biological Chemistry, 1998, 273, 4006-4011.	3.4	53
38	Tumor-derived extracellular vesicles: molecular parcels that enable regulation of the immune response in cancer. Journal of Cell Science, 2019, 132, .	2.0	52
39	ARF6-dependent activation of ERK and Rac1 modulates epithelial tubule development. EMBO Journal, 2007, 26, 1806-1819.	7.8	51
40	Elevated Phospholipase D Activity in H-Ras- but Not K-Ras-Transformed Cells by the Synergistic Action of RalA and ARF6. Molecular and Cellular Biology, 2003, 23, 645-654.	2.3	49
41	Myristoylation is Required for the Intracellular Localization and Endocytic Function of ARF6. Experimental Cell Research, 1995, 221, 153-159.	2.6	45
42	Arfaptin 2 regulates the aggregation of mutant huntingtin protein. Nature Cell Biology, 2002, 4, 240-245.	10.3	45
43	ARF6-Regulated Endocytosis of Growth Factor Receptors Links Cadherin-Based Adhesion to Canonical Wnt Signaling in Epithelia. Molecular and Cellular Biology, 2013, 33, 2963-2975.	2.3	40
44	Role for a Cindrâ€“Arf6 axis in patterning emerging epithelia. Molecular Biology of the Cell, 2011, 22, 4513-4526.	2.1	31
45	Coordinated Regulation of Intracellular Fascin Distribution Governs Tumor Microvesicle Release and Invasive Cell Capacity. Molecular and Cellular Biology, 2019, 39, .	2.3	24
46	Genetic Ancestryâ€“dependent Differences in Breast Cancerâ€“induced Field Defects in the Tumor-adjacent Normal Breast. Clinical Cancer Research, 2019, 25, 2848-2859.	7.0	23
47	ARF6-Mediated Endosome Recycling Reverses Lipid Accumulation Defects in Niemann-Pick Type C Disease. PLoS ONE, 2009, 4, e5193.	2.5	23
48	Unregulated ARF6 Activation in Epithelial Cysts Generates Hyperactive Signaling Endosomes and Disrupts Morphogenesis. Molecular Biology of the Cell, 2010, 21, 2355-2366.	2.1	22
49	Establishing epithelial glandular polarity: interlinked roles for ARF6, Rac1, and the matrix microenvironment. Molecular Biology of the Cell, 2012, 23, 4495-4505.	2.1	22
50	Extracellular Vesicles in Cancer. Cancer Journal (Sudbury, Mass), 2018, 24, 65-69.	2.0	22
51	Biology and proteomics of extracellular vesicles: harnessing their clinical potential. Expert Review of Proteomics, 2014, 11, 251-253.	3.0	21
52	Investigating the Role of ADPâ€Ribosylation Factor 6 in Tumor Cell Invasion and Extracellular Signalâ€Regulated Kinase Activation. Methods in Enzymology, 2005, 404, 134-147.	1.0	18
53	Recruitment of DNA to tumor-derived microvesicles. Cell Reports, 2022, 38, 110443.	6.4	18
54	Profiling and promise of supermeres. Nature Cell Biology, 2021, 23, 1217-1219.	10.3	18

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55	Neurodegeneration in Niemann-Pick Type C Disease and Huntingtons Disease: Impact of Defects in Membrane Trafficking. Current Drug Targets, 2009, 10, 653-665.	2.1	17
56	Tumorâ€derived microvesicles in the tumor microenvironment: How vesicle heterogeneity can shape the future of a rapidly expanding field. BioEssays, 2015, 37, 1309-1316.	2.5	16
57	Î²cap73-ARF6 Interactions Modulate Cell Shape and Motility after Injury In Vitro. Molecular Biology of the Cell, 2003, 14, 4155-4161.	2.1	15
58	Tumor-Derived Extracellular Vesicles: A Means of Co-opting Macrophage Polarization in the Tumor Microenvironment. Frontiers in Cell and Developmental Biology, 2021, 9, 746432.	3.7	14
59	ADP-Ribosylation Factor 6 Regulates Actin Cytoskeleton Remodeling in Coordination with Rac1 and RhoA. Molecular and Cellular Biology, 2000, 20, 3685-3694.	2.3	12
60	Extracellular Vesicles in the Tumor Microenvironment: Various Implications in Tumor Progression. Advances in Experimental Medicine and Biology, 2020, 1259, 155-170.	1.6	11
61	The formation of giant plasma membrane vesicles enable new insights into the regulation of cholesterol efflux. Experimental Cell Research, 2018, 365, 194-207.	2.6	10
62	Endocytic Trafficking and Wnt/β-Catenin Signaling. Current Drug Targets, 2011, 12, 1216-1222.	2.1	8
63	Arf6 Modulates the Î²â€Actin Specific Capping Protein, Î²cap73. Methods in Enzymology, 2005, 404, 377-387.	1.0	6
64	Breaking Bad: Extracellular Vesicles Provoke Tumorigenic Responses Under Oxygen Deprivation. Developmental Cell, 2020, 55, 111-113.	7.0	2
65	Aberrant endocytosis leads to the loss of normal mitotic spindle orientation during epithelial glandular morphogenesis. Journal of Biological Chemistry, 2018, 293, 12095-12104.	3.4	1
66	Endocytosis and the Regulation of Cell Signaling, Cell Adhesion, and Epithelial to Mesenchymal Transition in Cancer. , 2013, , 125-138.		1
67	Editorial [Hot Topic: Small GTPase Signaling in Cell Physiology and Disease (Guest Editor: Crislyn) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	0
68	Mechanisms underlying melanoma invasion as a consequence of MLK3 loss. Experimental Cell Research, 2022, 415, 113106.	2.6	0