

Michel Franco

List of Publications by Year in descending order

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44
papers

2,264
citations

201674

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times ranked

2268
citing authors

#	ARTICLE	IF	CITATIONS
1	Myristoylation of ADP-ribosylation Factor 1 Facilitates Nucleotide Exchange at Physiological Mg ²⁺ Levels. <i>Journal of Biological Chemistry</i> , 1995, 270, 1337-1341.	3.4	171
2	Golgi-localized GAP for Cdc42 functions downstream of ARF1 to control Arp2/3 complex and F-actin dynamics. <i>Nature Cell Biology</i> , 2005, 7, 353-364.	10.3	153
3	Myristoylation-facilitated Binding of the G Protein ARF1GDP to Membrane Phospholipids Is Required for Its Activation by a Soluble Nucleotide Exchange Factor. <i>Journal of Biological Chemistry</i> , 1996, 271, 1573-1578.	3.4	140
4	The structural GDP/GTP cycle of human Arf6. <i>EMBO Reports</i> , 2001, 2, 234-238.	4.5	120
5	The Small G-protein Arf6GTP Recruits the AP-2 Adaptor Complex to Membranes. <i>Journal of Biological Chemistry</i> , 2005, 280, 21661-21666.	3.4	95
6	Î±TAT1 catalyses microtubule acetylation at clathrin-coated pits. <i>Nature</i> , 2013, 502, 567-570.	27.8	95
7	Roles of Lipid Modifications of Transducin Subunits in Their GDP-Dependent Association and Membrane Binding. <i>Biochemistry</i> , 1994, 33, 14081-14090.	2.5	90
8	The GDP-bound form of Arf6 is located at the plasma membrane. <i>Journal of Cell Science</i> , 2004, 117, 2389-2398.	2.0	89
9	Structural basis for ARF1-mediated recruitment of ARHGAP21 to Golgi membranes. <i>EMBO Journal</i> , 2007, 26, 1953-1962.	7.8	86
10	A Bacterial Ras-Like Small GTP-Binding Protein and Its Cognate GAP Establish a Dynamic Spatial Polarity Axis to Control Directed Motility. <i>PLoS Biology</i> , 2010, 8, e1000430.	5.6	85
11	Structure of Arf6-GDP suggests a basis for guanine nucleotide exchange factors specificity. <i>Nature Structural Biology</i> , 2000, 7, 466-469.	9.7	84
12	A conserved C-terminal domain of EFA6-family ARF6-guanine nucleotide exchange factors induces lengthening of microvilli-like membrane protrusions. <i>Journal of Cell Science</i> , 2002, 115, 2867-2879.	2.0	84
13	Specificities for the Small G Proteins ARF1 and ARF6 of the Guanine Nucleotide Exchange Factors ARNO and EFA6. <i>Journal of Biological Chemistry</i> , 2001, 276, 24925-24930.	3.4	69
14	The structural basis of Arf effector specificity: the crystal structure of ARF6 in a complex with JIP4. <i>EMBO Journal</i> , 2009, 28, 2835-2845.	7.8	68
15	A conserved C-terminal domain of EFA6-family ARF6-guanine nucleotide exchange factors induces lengthening of microvilli-like membrane protrusions. <i>Journal of Cell Science</i> , 2002, 115, 2867-79.	2.0	68
16	ARF6-dependent interaction of the TWIK1 K ⁺ channel with EFA6, a GDP/GTP exchange factor for ARF6. <i>EMBO Reports</i> , 2004, 5, 1171-1175.	4.5	64
17	EFA6, Exchange Factor for ARF6, Regulates the Actin Cytoskeleton and Associated Tight Junction in Response to E-Cadherin Engagement. <i>Molecular Biology of the Cell</i> , 2004, 15, 1134-1145.	2.1	62
18	The small G-protein MglA connects to the MreB actin cytoskeleton at bacterial focal adhesions. <i>Journal of Cell Biology</i> , 2015, 210, 243-256.	5.2	56

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19	Role of the Arf6 GDP/GTP Cycle and Arf6 GTPase-activating Proteins in Actin Remodeling and Intracellular Transport. <i>Journal of Biological Chemistry</i> , 2006, 281, 12352-12361.	3.4	52
20	The Pleckstrin Homology Domain of the Arf6-specific Exchange Factor EFA6 Localizes to the Plasma Membrane by Interacting with Phosphatidylinositol 4,5-Bisphosphate and F-actin. <i>Journal of Biological Chemistry</i> , 2008, 283, 19836-19844.	3.4	52
21	USP9x-mediated deubiquitination of EFA6 regulates de novo tight junction assembly. <i>EMBO Journal</i> , 2010, 29, 1499-1509.	7.8	49
22	ARF1-mediated actin polymerization produces movement of artificial vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16928-16933.	7.1	42
23	EFA6A Enhances Glioma Cell Invasion through ADP Ribosylation Factor 6/Extracellular Signal-Regulated Kinase Signaling. <i>Cancer Research</i> , 2006, 66, 1583-1590.	0.9	38
24	EFA6 controls Arf1 and Arf6 activation through a negative feedback loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12378-12383.	7.1	37
25	Arf6 negatively controls the rapid recycling of the β 2AR. <i>Journal of Cell Science</i> , 2012, 125, 4026-35.	2.0	34
26	The small G-protein ARF1GDP binds to the G α 13 subunit of transducin, but not to G α 12. <i>FEBS Letters</i> , 1995, 362, 286-290.	2.8	30
27	Fbx8 Makes Arf6 Refractory to Function via Ubiquitination. <i>Molecular Biology of the Cell</i> , 2008, 19, 822-832.	2.1	29
28	GLUT-4 translocation in skeletal muscle studied with a cell-free assay: involvement of phospholipase D. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E608-E618.	3.5	25
29	EFA6B Antagonizes Breast Cancer. <i>Cancer Research</i> , 2014, 74, 5493-5506.	0.9	25
30	Arf6 exchange factor EFA6 and endophilin directly interact at the plasma membrane to control clathrin-mediated endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9473-9478.	7.1	24
31	Functional modifications of transducin induced by cholera or pertussis-toxin-catalyzed ADP-ribosylation. <i>FEBS Journal</i> , 1992, 210, 33-44.	0.2	23
32	EFA6 Facilitates the Assembly of the Tight Junction by Coordinating an Arf6-dependent and -independent Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 30129-30138.	3.4	19
33	A NUMB-EFA6-ARF6 recycling route controls apically restricted cell protrusions and mesenchymal motility. <i>Journal of Cell Biology</i> , 2018, 217, 3161-3182.	5.2	18
34	[29] Expression, purification, and biochemical properties of EFA6, a Sec7 domain-containing guanine exchange factor for ADP-ribosylation factor 6 (ARF6). <i>Methods in Enzymology</i> , 2001, 329, 272-279.	1.0	17
35	A Soluble Protein Negatively Regulates Phospholipase D Activity. Partial Purification and Characterization. <i>FEBS Journal</i> , 1995, 231, 31-39.	0.2	16
36	Arrestin from nucleated red blood cells binds to bovine rhodopsin in a light-dependent manner. <i>FEBS Letters</i> , 1990, 276, 192-196.	2.8	14

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37	EFA6 regulates lumen formation through alpha-actinin 1. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	13
38	ALFx affects the formation of focal complexes by stabilizing the Arf-GAP ASAP1 in a complex with Arf1. <i>FEBS Letters</i> , 2005, 579, 5741-5745.	2.8	8
39	Chlortetracycline, a Novel Arf Inhibitor That Decreases the Arf6-Dependent Invasive Properties of Breast Cancer Cells. <i>Molecules</i> , 2021, 26, 969.	3.8	8
40	The C-terminal domain of EFA6A interacts directly with F-actin and assembles F-actin bundles. <i>Scientific Reports</i> , 2019, 9, 19209.	3.3	4
41	EFA6A, an exchange factor for Arf6, regulates early steps in ciliogenesis. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
42	EFA6B regulates a stop signal for collective invasion in breast cancer. <i>Nature Communications</i> , 2021, 12, 2198.	12.8	2
43	A Soluble Protein Negatively Regulates Phospholipase D Activity. Partial Purification and Characterization. <i>FEBS Journal</i> , 1995, 231, 31-39.	0.2	1
44	Regulation of Protein Trafficking by GTP-Binding Proteins. , 2009, , 342-362.		1