Paul A Randazzo

List of Publications by Year
in descending order

88 papers	4,631 citations	94433 37 h-index	106344 65 g-index
89 all docs	89 docs citations	89 times ranked	3790 citing authors

#	Article	IF	Citations
1	Control of cell signaling by Arf GTPases and their regulators: Focus on links to cancer and other GTPase families. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119171.	4.1	11
2	A lysine-rich cluster in the N-BAR domain of ARF GTPase-activating protein ASAP1 is necessary for binding and bundling actin filaments. Journal of Biological Chemistry, 2022, 298, 101700.	3.4	3
3	InÂvitro reconstitution reveals cooperative mechanisms of adapter protein-mediated activation of phospholipase C-Î³1 in T cells. Journal of Biological Chemistry, 2022, 298, 101680.	3.4	5
4	ERK phosphorylation is dependent on cell adhesion in a subset of pediatric sarcoma cell lines. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119264.	4.1	2
5	Rigosertib Induces Mitotic Arrest and Apoptosis in RAS-Mutated Rhabdomyosarcoma and Neuroblastoma. Molecular Cancer Therapeutics, 2021, 20, 307-319.	4.1	12
6	CIB2 regulates mTORC1 signaling and is essential for autophagy and visual function. Nature Communications, 2021, 12, 3906.	12.8	28
7	Membrane surface recognition by the ASAP1 PH domain and consequences for interactions with the small GTPase Arf1. Science Advances, 2020, 6, .	10.3	26
8	Small GTPase ARF6 Is a Coincidence-Detection Code for RPH3A Polarization in Neutrophil Polarization. Journal of Immunology, 2020, 204, 1012-1021.	0.8	14
9	Arf GAPs: A family of proteins with disparate functions that converge on a common structure, the integrin adhesion complex. Small GTPases, 2019, 10, 1-9.	1.6	27
10	Interaction of the N terminus of ADP-ribosylation factor with the PH domain of the GTPase-activating protein ASAP1 requires phosphatidylinositol 4,5-bisphosphate. Journal of Biological Chemistry, 2019, 294, 17354-17370.	3.4	10
11	ARF GTPases and their GEFs and GAPs: concepts and challenges. Molecular Biology of the Cell, 2019, 30, 1249-1271.	2.1	188
12	Functional Expression and Characterization of Human Myristoylated-Arf1 in Nanodisc Membrane Mimetics. Biochemistry, 2019, 58, 1423-1431.	2.5	10
13	The ArfGAP ASAP1 Controls Actin Stress Fiber Organization via Its N-BAR Domain. IScience, 2019, 22, 166-180.	4.1	21
14	Arf GAPs and molecular motors. Small GTPases, 2019, 10, 196-209.	1.6	9
15	The PH Domain of ASAP1 Binds N terminus of Arf1 in Presence of PIP2 for Efficient GTPaseâ€activating Protein Activity. FASEB Journal, 2019, 33, 477.10.	0.5	0
16	ARAP2 inhibits Akt independently of its effects on focal adhesions. Biology of the Cell, 2018, 110, 257-270.	2.0	8
17	The tuberous sclerosis complex subunit TBC1D7 is stabilized by Akt phosphorylationâ€“mediated 14-3-3 binding. Journal of Biological Chemistry, 2018, 293, 16142-16159.	3.4	11
18	Allosteric properties of PH domains in Arf regulatory proteins. Cellular Logistics, 2016, 6, e1181700.	0.9	12

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19	Direct Functional Interaction of the Kinesin-13 Family Membrane Kinesin-like Protein 2A (Kif2A) and Arf GAP with GTP-binding Protein-like, Ankyrin Repeats and PH Domains1 (AGAP1). Journal of Biological Chemistry, 2016, 291, 21350-21362.	3.4	10
20	The Arf GTPase-activating Protein, ASAP1, Binds Nonmuscle Myosin 2A to Control Remodeling of the Actomyosin Network. Journal of Biological Chemistry, 2016, 291, 7517-7526.	3.4	25
21	Insights into Ubiquitination from the Unique Clamp-like Binding of the RING E3 AO7 to the E2 UbcH5B. Journal of Biological Chemistry, 2015, 290, 30225-30239.	3.4	25
22	Simple in vitro assay of Arf GAPs and preparation of Arf proteins as substrates. Methods in Cell Biology, 2015, 130, 69-80.	1.1	0
23	Inhibition of Cytohesins Protects against Genetic Models of Motor Neuron Disease. Journal of Neuroscience, 2015, 35, 9088-9105.	3.6	20
24	Activation of GÎ±i at the Golgi by GIV/Girdin Imposes Finiteness in Arf1 Signaling. Developmental Cell, 2015, 33, 189-203.	7.0	46
25	Molecular Basis for Cooperative Binding of Anionic Phospholipids to the PH Domain of the Arf GAP ASAP1. Structure, 2015, 23, 1977-1988.	3.3	59
26	The Importance of Seeing Surface (Effects). Structure, 2014, 22, 363-365.	3.3	1
27	The Arf6 GTPase-activating Proteins ARAP2 and ACAP1 Define Distinct Endosomal Compartments That Regulate Integrin Î±5Î²1 Traffic. Journal of Biological Chemistry, 2014, 289, 30237-30248.	3.4	44
28	ArfGAPs: key regulators for receptor sorting. Receptors & Clinical Investigation, 2014, 1, e158.	0.9	1
29	The N Termini of a-Subunit Isoforms Are Involved in Signaling between Vacuolar H+-ATPase (V-ATPase) and Cytohesin-2*. Journal of Biological Chemistry, 2013, 288, 5896-5913.	3.4	42
30	ARAP2 Signals through Arf6 and Rac1 to Control Focal Adhesion Morphology*. Journal of Biological Chemistry, 2013, 288, 5849-5860.	3.4	26
31	Quantitative Analysis of Guanine Nucleotide Exchange Factors (GEFs) as Enzymes. Cellular Logistics, 2013, 3, e27609.	0.9	8
32	Nucleotide exchange factors. Cellular Logistics, 2012, 2, 140-146.	0.9	7
33	The Pleckstrin Homology (PH) Domain of the Arf Exchange Factor Brag2 Is an Allosteric Binding Site. Journal of Biological Chemistry, 2012, 287, 24273-24283.	3.4	35
34	GTP-binding Protein-like Domain of AGAP1 Is Protein Binding Site That Allosterically Regulates ArfGAP Protein Catalytic Activity. Journal of Biological Chemistry, 2012, 287, 17176-17185.	3.4	16
35	Approaches to Studying Arf GAPs in Cells: In Vitro Assay with Isolated Focal Adhesions. Current Protocols in Cell Biology, 2012, 55, Unit17.13.	2.3	10
36	ArfGAP1 function in COPI mediated membrane traffic: currently debated models and comparison to other coat-binding ArfGAPs. Histology and Histopathology, 2012, 27, 1143-53.	0.7	21

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37	ARAP1 association with CIN85 affects epidermal growth factor receptor endocytic trafficking. Biology of the Cell, 2011, 103, 171-184.	2.0	19
38	ArfGAP1 promotes COPI vesicle formation by facilitating coatomer polymerization. Cellular Logistics, 2011, 1, 139-154.	0.9	19
39	Phosphatidylinositol-4-phosphate 5-Kinase and GEP100/Brag2 Protein Mediate Antiangiogenic Signaling by Semaphorin 3E-Plexin-D1 through Arf6 Protein. Journal of Biological Chemistry, 2011, 286, 34335-34345.	3.4	48
40	Novel C-terminal Motif within Sec7 Domain of Guanine Nucleotide Exchange Factors Regulates ADP-ribosylation Factor (ARF) Binding and Activation*. Journal of Biological Chemistry, 2011, 286, 36898-36906.	3.4	20
41	Arf GAPs: Gatekeepers of vesicle generation. FEBS Letters, 2010, 584, 2646-2651.	2.8	74
42	Modifications to the C-Terminus of Arf1 Alter Cell Functions and Protein Interactions. Traffic, 2010, 11, 732-742.	2.7	53
43	Semaphorin 3E Initiates Antiangiogenic Signaling through Plexin D1 by Regulating Arf6 and R-Ras. Molecular and Cellular Biology, 2010, 30, 3086-3098.	2.3	141
44	Autoinhibition of Arf GTPase-activating Protein Activity by the BAR Domain in ASAP1. Journal of Biological Chemistry, 2009, 284, 1652-1663.	3.4	63
45	A PH Domain in the Arf GTPase-activating Protein (GAP) ARAP1 Binds Phosphatidylinositol 3,4,5-Trisphosphate and Regulates Arf GAP Activity Independently of Recruitment to the Plasma Membranes. Journal of Biological Chemistry, 2009, 284, 28069-28083.	3.4	31
46	Arf GAP2 is positively regulated by coatomer and cargo. Cellular Signalling, 2009, 21, 1169-1179.	3.6	27
47	Ciliary targeting motif VxPx directs assembly of a trafficking module through Arf4. EMBO Journal, 2009, 28, 183-192.	7.8	223
48	ARAP1 Regulates Endocytosis of EGFR. Traffic, 2008, 9, 2236-2252.	2.7	42
49	Dynamic interaction between Arf GAP and PH domains of ASAP1 in the regulation of GAP activity. Cellular Signalling, 2008, 20, 1968-1977.	3.6	21
50	Consensus nomenclature for the human ArfGAP domain-containing proteins. Journal of Cell Biology, 2008, 182, 1039-1044.	5.2	144
51	ASAP3 Is a Focal Adhesion-associated Arf GAP That Functions in Cell Migration and Invasion. Journal of Biological Chemistry, 2008, 283, 14915-14926.	3.4	58
52	Kinetic Analysis of Arf GAP1 Indicates a Regulatory Role for Coatomer. Journal of Biological Chemistry, 2008, 283, 21965-21977.	3.4	24
53	Arf GTPase-activating Protein ASAP1 Interacts with Rab11 Effector FIP3 and Regulates Pericentrosomal Localization of Transferrin Receptorâ€“positive Recycling Endosome. Molecular Biology of the Cell, 2008, 19, 4224-4237.	2.1	73
54	Chapter 1 Contribution of AZAPâ€Type Arf GAPs to Cancer Cell Migration and Invasion. Advances in Cancer Research, 2008, 101, 1-28.	5.0	17

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55	Kinetic analysis of GTP hydrolysis catalysed by the Arf1-GTPâ€“ASAP1 complex. Biochemical Journal, 2007, 402, 439-447.	3.7	36
56	Src-Dependent Phosphorylation of ASAP1 Regulates Podosomes. Molecular and Cellular Biology, 2007, 27, 8271-8283.	2.3	93
57	Arf GAPs as regulators of the actin cytoskeleton. Biology of the Cell, 2007, 99, 583-600.	2.0	86
58	Arf GAPs and Their Interacting Proteins. Traffic, 2007, 8, 1465-1475.	2.7	152
59	A BAR Domain in the N Terminus of the Arf GAP ASAP1 Affects Membrane Structure and Trafficking of Epidermal Growth Factor Receptor. Current Biology, 2006, 16, 130-139.	3.9	81
60	ARAP2 effects on the actin cytoskeleton are dependent on Arf6-specific GTPase-activating-protein activity and binding to RhoA-GTP. Journal of Cell Science, 2006, 119, 4650-4666.	2.0	59
61	Arf GAPs and membrane traffic. Journal of Cell Science, 2006, 119, 1203-1211.	2.0	117
62	Regulation of ASAP1 by phospholipids is dependent on the interface between the PH and Arf GAP domains. Cellular Signalling, 2005, 17, 1276-1288.	3.6	37
63	Mutational Analysis of the Arf1â€¢GTP/Arf GAP Interface Reveals an Arf1 Mutant that Selectively Affects the Arf GAP ASAP1. Current Biology, 2005, 15, 2164-2169.	3.9	21
64	In Vitro Assays of Arf1 Interaction with GGA Proteins. Methods in Enzymology, 2005, 404, 316-332.	1.0	22
65	Assays and Properties of the Arf GAPs AGAP1, ASAP1, and Arf GAP1. Methods in Enzymology, 2005, 404, 147-163.	1.0	17
66	Preparation of Myristoylated Arf1 and Arf6. Methods in Enzymology, 2005, 404, 164-174.	1.0	42
67	The Arf GAPs AGAP1 and AGAP2 distinguish between the adaptor protein complexes AP-1 and AP-3. Journal of Cell Science, 2005, 118, 3555-3566.	2.0	74
68	ARAP3 is transiently tyrosine phosphorylated in cells attaching to fibronectin and inhibits cell spreading in a RhoGAP-dependent manner. Journal of Cell Science, 2004, 117, 6071-6084.	2.0	65
69	Arf GAPs: multifunctional proteins that regulate membrane traffic and actin remodelling. Cellular Signalling, 2004, 16, 401-413.	3.6	176
70	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. Cellular Signalling, 2004, 16, 1033-1044.	3.6	28
71	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. Cellular Signalling, 2004, 16, 1033-1044.	3.6	23
72	RhoD, Src, and hDia2C in Endosome Motility. Developmental Cell, 2003, 4, 287-288.	7.0	11

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73	Specific Regulation of the Adaptor Protein Complex AP-3 by the Arf GAP AGAP1. Developmental Cell, 2003, 5, 513-521.	7.0	88
74	CrkL Directs ASAP1 to Peripheral Focal Adhesions. Journal of Biological Chemistry, 2003, 278, 6456-6460.	3.4	49
75	AGAP1, an Endosome-associated, Phosphoinositide-dependent ADP-ribosylation Factor GTPase-activating Protein That Affects Actin Cytoskeleton. Journal of Biological Chemistry, 2002, 277, 48965-48975.	3.4	101
76	Preparation of Myristoylated Arf1 and Arf6 Proteins. , 2002, 189, 169-179.		15
77	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. Journal of Cell Biology, 2002, 159, 69-78.	5.2	174
78	ARAP1. Molecular Cell, 2002, 9, 109-119.	9.7	167
79	[37] Assay and purification of phosphoinositide-dependent ADP-ribosylation factor (ARF) GTPase activating proteins. Methods in Enzymology, 2001, 329, 343-354.	1.0	21
80	Phosphoinositide-dependent Activation of the ADP-ribosylation Factor GTPase-activating Protein ASAP1. Journal of Biological Chemistry, 2000, 275, 9653-9663.	3.4	122
81	Acaps Are Arf6 Gtpase-Activating Proteins That Function in the Cell Periphery. Journal of Cell Biology, 2000, 151, 627-638.	5.2	175
82	ASAP1, a Phospholipid-Dependent Arf GTPase-Activating Protein That Associates with and Is Phosphorylated by Src. Molecular and Cellular Biology, 1998, 18, 7038-7051.	2.3	226
83	Functional Interaction of ADP-ribosylation Factor 1 with Phosphatidylinositol 4,5-Bisphosphate. Journal of Biological Chemistry, 1997, 272, 7688-7692.	3.4	87
84	The Myristoylated Amino Terminus of ADP-ribosylation Factor 1 Is a Phospholipid- and GTP-sensitive Switch. Journal of Biological Chemistry, 1995, 270, 14809-14815.	3.4	122
85	[31] Myristoylation and ADP-ribosylation factor function. Methods in Enzymology, 1995, 250, 394-405.	1.0	41
86	Mutational Analysis of Saccharomyces cerevisiae ARF1. Journal of Biological Chemistry, 1995, 270, 143-150.	3.4	81
87	[16] Preparation of recombinant ADP-ribosylation factor. Methods in Enzymology, 1995, 257, 128-135.	1.0	44
88	[34] Preparation of recombinant ADP-ribosylation factor. Methods in Enzymology, 1992, 219, 362-369.	1.0	78