

Paul A Randazzo

List of Publications by Year in descending order

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88
papers

4,631
citations

94433

37
h-index

106344

65
g-index

89
all docs

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docs citations

89
times ranked

3790
citing authors

#	ARTICLE	IF	CITATIONS
1	ASAP1, a Phospholipid-Dependent Arf GTPase-Activating Protein That Associates with and Is Phosphorylated by Src. <i>Molecular and Cellular Biology</i> , 1998, 18, 7038-7051.	2.3	226
2	Ciliary targeting motif VxPx directs assembly of a trafficking module through Arf4. <i>EMBO Journal</i> , 2009, 28, 183-192.	7.8	223
3	ARF GTPases and their GEFs and GAPs: concepts and challenges. <i>Molecular Biology of the Cell</i> , 2019, 30, 1249-1271.	2.1	188
4	Arf GAPs: multifunctional proteins that regulate membrane traffic and actin remodelling. <i>Cellular Signalling</i> , 2004, 16, 401-413.	3.6	176
5	Acaps Are Arf6 Gtpase-Activating Proteins That Function in the Cell Periphery. <i>Journal of Cell Biology</i> , 2000, 151, 627-638.	5.2	175
6	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. <i>Journal of Cell Biology</i> , 2002, 159, 69-78.	5.2	174
7	ARAP1. <i>Molecular Cell</i> , 2002, 9, 109-119.	9.7	167
8	Arf GAPs and Their Interacting Proteins. <i>Traffic</i> , 2007, 8, 1465-1475.	2.7	152
9	Consensus nomenclature for the human ArfGAP domain-containing proteins. <i>Journal of Cell Biology</i> , 2008, 182, 1039-1044.	5.2	144
10	Semaphorin 3E Initiates Antiangiogenic Signaling through Plexin D1 by Regulating Arf6 and R-Ras. <i>Molecular and Cellular Biology</i> , 2010, 30, 3086-3098.	2.3	141
11	The Myristoylated Amino Terminus of ADP-ribosylation Factor 1 Is a Phospholipid- and GTP-sensitive Switch. <i>Journal of Biological Chemistry</i> , 1995, 270, 14809-14815.	3.4	122
12	Phosphoinositide-dependent Activation of the ADP-ribosylation Factor GTPase-activating Protein ASAP1. <i>Journal of Biological Chemistry</i> , 2000, 275, 9653-9663.	3.4	122
13	Arf GAPs and membrane traffic. <i>Journal of Cell Science</i> , 2006, 119, 1203-1211.	2.0	117
14	AGAP1, an Endosome-associated, Phosphoinositide-dependent ADP-ribosylation Factor GTPase-activating Protein That Affects Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2002, 277, 48965-48975.	3.4	101
15	Src-Dependent Phosphorylation of ASAP1 Regulates Podosomes. <i>Molecular and Cellular Biology</i> , 2007, 27, 8271-8283.	2.3	93
16	Specific Regulation of the Adaptor Protein Complex AP-3 by the Arf GAP AGAP1. <i>Developmental Cell</i> , 2003, 5, 513-521.	7.0	88
17	Functional Interaction of ADP-ribosylation Factor 1 with Phosphatidylinositol 4,5-Bisphosphate. <i>Journal of Biological Chemistry</i> , 1997, 272, 7688-7692.	3.4	87
18	Arf GAPs as regulators of the actin cytoskeleton. <i>Biology of the Cell</i> , 2007, 99, 583-600.	2.0	86

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19	Mutational Analysis of <i>Saccharomyces cerevisiae</i> ARF1. <i>Journal of Biological Chemistry</i> , 1995, 270, 143-150.	3.4	81
20	A BAR Domain in the N Terminus of the Arf GAP ASAP1 Affects Membrane Structure and Trafficking of Epidermal Growth Factor Receptor. <i>Current Biology</i> , 2006, 16, 130-139.	3.9	81
21	[34] Preparation of recombinant ADP-ribosylation factor. <i>Methods in Enzymology</i> , 1992, 219, 362-369.	1.0	78
22	The Arf GAPs AGAP1 and AGAP2 distinguish between the adaptor protein complexes AP-1 and AP-3. <i>Journal of Cell Science</i> , 2005, 118, 3555-3566.	2.0	74
23	Arf GAPs: Gatekeepers of vesicle generation. <i>FEBS Letters</i> , 2010, 584, 2646-2651.	2.8	74
24	Arf GTPase-activating Protein ASAP1 Interacts with Rab11 Effector FIP3 and Regulates Pericentrosomal Localization of Transferrin Receptor in a Positive Recycling Endosome. <i>Molecular Biology of the Cell</i> , 2008, 19, 4224-4237.	2.1	73
25	ARAP3 is transiently tyrosine phosphorylated in cells attaching to fibronectin and inhibits cell spreading in a RhoGAP-dependent manner. <i>Journal of Cell Science</i> , 2004, 117, 6071-6084.	2.0	65
26	Autoinhibition of Arf GTPase-activating Protein Activity by the BAR Domain in ASAP1. <i>Journal of Biological Chemistry</i> , 2009, 284, 1652-1663.	3.4	63
27	ARAP2 effects on the actin cytoskeleton are dependent on Arf6-specific GTPase-activating-protein activity and binding to RhoA-GTP. <i>Journal of Cell Science</i> , 2006, 119, 4650-4666.	2.0	59
28	Molecular Basis for Cooperative Binding of Anionic Phospholipids to the PH Domain of the Arf GAP ASAP1. <i>Structure</i> , 2015, 23, 1977-1988.	3.3	59
29	ASAP3 Is a Focal Adhesion-associated Arf GAP That Functions in Cell Migration and Invasion. <i>Journal of Biological Chemistry</i> , 2008, 283, 14915-14926.	3.4	58
30	Modifications to the C-Terminus of Arf1 Alter Cell Functions and Protein Interactions. <i>Traffic</i> , 2010, 11, 732-742.	2.7	53
31	CrkL Directs ASAP1 to Peripheral Focal Adhesions. <i>Journal of Biological Chemistry</i> , 2003, 278, 6456-6460.	3.4	49
32	Phosphatidylinositol-4-phosphate 5-Kinase and GEP100/Brag2 Protein Mediate Antiangiogenic Signaling by Semaphorin 3E-Plexin-D1 through Arf6 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 34335-34345.	3.4	48
33	Activation of G α i at the Golgi by GIV/Girdin Imposes Finiteness in Arf1 Signaling. <i>Developmental Cell</i> , 2015, 33, 189-203.	7.0	46
34	[16] Preparation of recombinant ADP-ribosylation factor. <i>Methods in Enzymology</i> , 1995, 257, 128-135.	1.0	44
35	The Arf6 GTPase-activating Proteins ARAP2 and ACAP1 Define Distinct Endosomal Compartments That Regulate Integrin β 5 α 1 Traffic. <i>Journal of Biological Chemistry</i> , 2014, 289, 30237-30248.	3.4	44
36	Preparation of Myristoylated Arf1 and Arf6. <i>Methods in Enzymology</i> , 2005, 404, 164-174.	1.0	42

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37	ARAP1 Regulates Endocytosis of EGFR. <i>Traffic</i> , 2008, 9, 2236-2252.	2.7	42
38	The N Termini of α -Subunit Isoforms Are Involved in Signaling between Vacuolar H ⁺ -ATPase (V-ATPase) and Cytohesin-2*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5896-5913.	3.4	42
39	[31] Myristoylation and ADP-ribosylation factor function. <i>Methods in Enzymology</i> , 1995, 250, 394-405.	1.0	41
40	Regulation of ASAP1 by phospholipids is dependent on the interface between the PH and Arf GAP domains. <i>Cellular Signalling</i> , 2005, 17, 1276-1288.	3.6	37
41	Kinetic analysis of GTP hydrolysis catalysed by the Arf1-GTP-ASAP1 complex. <i>Biochemical Journal</i> , 2007, 402, 439-447.	3.7	36
42	The Pleckstrin Homology (PH) Domain of the Arf Exchange Factor Brag2 Is an Allosteric Binding Site. <i>Journal of Biological Chemistry</i> , 2012, 287, 24273-24283.	3.4	35
43	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. <i>Journal of Biological Chemistry</i> , 2009, 284, 28069-28083.	3.4	31
44	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. <i>Cellular Signalling</i> , 2004, 16, 1033-1044.	3.6	28
45	CIB2 regulates mTORC1 signaling and is essential for autophagy and visual function. <i>Nature Communications</i> , 2021, 12, 3906.	12.8	28
46	Arf GAP2 is positively regulated by coatomer and cargo. <i>Cellular Signalling</i> , 2009, 21, 1169-1179.	3.6	27
47	Arf GAPs: A family of proteins with disparate functions that converge on a common structure, the integrin adhesion complex. <i>Small GTPases</i> , 2019, 10, 1-9.	1.6	27
48	ARAP2 Signals through Arf6 and Rac1 to Control Focal Adhesion Morphology*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5849-5860.	3.4	26
49	Membrane surface recognition by the ASAP1 PH domain and consequences for interactions with the small GTPase Arf1. <i>Science Advances</i> , 2020, 6, .	10.3	26
50	Insights into Ubiquitination from the Unique Clamp-like Binding of the RING E3 AO7 to the E2 UbcH5B. <i>Journal of Biological Chemistry</i> , 2015, 290, 30225-30239.	3.4	25
51	The Arf GTPase-activating Protein, ASAP1, Binds Nonmuscle Myosin 2A to Control Remodeling of the Actomyosin Network. <i>Journal of Biological Chemistry</i> , 2016, 291, 7517-7526.	3.4	25
52	Kinetic Analysis of Arf GAP1 Indicates a Regulatory Role for Coatomer. <i>Journal of Biological Chemistry</i> , 2008, 283, 21965-21977.	3.4	24
53	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. <i>Cellular Signalling</i> , 2004, 16, 1033-1044.	3.6	23
54	In Vitro Assays of Arf1 Interaction with GGA Proteins. <i>Methods in Enzymology</i> , 2005, 404, 316-332.	1.0	22

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55	[37] Assay and purification of phosphoinositide-dependent ADP-ribosylation factor (ARF) GTPase activating proteins. <i>Methods in Enzymology</i> , 2001, 329, 343-354.	1.0	21
56	Mutational Analysis of the Arf1-GTP/Arf GAP Interface Reveals an Arf1 Mutant that Selectively Affects the Arf GAP ASAP1. <i>Current Biology</i> , 2005, 15, 2164-2169.	3.9	21
57	Dynamic interaction between Arf GAP and PH domains of ASAP1 in the regulation of GAP activity. <i>Cellular Signalling</i> , 2008, 20, 1968-1977.	3.6	21
58	The ArfGAP ASAP1 Controls Actin Stress Fiber Organization via Its N-BAR Domain. <i>IScience</i> , 2019, 22, 166-180.	4.1	21
59	ArfGAP1 function in COPI mediated membrane traffic: currently debated models and comparison to other coat-binding ArfGAPs. <i>Histology and Histopathology</i> , 2012, 27, 1143-53.	0.7	21
60	Novel C-terminal Motif within Sec7 Domain of Guanine Nucleotide Exchange Factors Regulates ADP-ribosylation Factor (ARF) Binding and Activation*. <i>Journal of Biological Chemistry</i> , 2011, 286, 36898-36906.	3.4	20
61	Inhibition of Cytohesins Protects against Genetic Models of Motor Neuron Disease. <i>Journal of Neuroscience</i> , 2015, 35, 9088-9105.	3.6	20
62	ARAP1 association with CIN85 affects epidermal growth factor receptor endocytic trafficking. <i>Biology of the Cell</i> , 2011, 103, 171-184.	2.0	19
63	ArfGAP1 promotes COPI vesicle formation by facilitating coatomer polymerization. <i>Cellular Logistics</i> , 2011, 1, 139-154.	0.9	19
64	Assays and Properties of the Arf GAPs AGAP1, ASAP1, and Arf GAP1. <i>Methods in Enzymology</i> , 2005, 404, 147-163.	1.0	17
65	Chapter 1 Contribution of AZAP-type Arf GAPs to Cancer Cell Migration and Invasion. <i>Advances in Cancer Research</i> , 2008, 101, 1-28.	5.0	17
66	GTP-binding Protein-like Domain of AGAP1 Is Protein Binding Site That Allosterically Regulates ArfGAP Protein Catalytic Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 17176-17185.	3.4	16
67	Preparation of Myristoylated Arf1 and Arf6 Proteins. , 2002, 189, 169-179.		15
68	Small GTPase ARF6 Is a Coincidence-Detection Code for RPH3A Polarization in Neutrophil Polarization. <i>Journal of Immunology</i> , 2020, 204, 1012-1021.	0.8	14
69	Allosteric properties of PH domains in Arf regulatory proteins. <i>Cellular Logistics</i> , 2016, 6, e1181700.	0.9	12
70	Rigosertib Induces Mitotic Arrest and Apoptosis in RAS-Mutated Rhabdomyosarcoma and Neuroblastoma. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 307-319.	4.1	12
71	RhoD, Src, and hDia2C in Endosome Motility. <i>Developmental Cell</i> , 2003, 4, 287-288.	7.0	11
72	The tuberous sclerosis complex subunit TBC1D7 is stabilized by Akt phosphorylation-mediated 14-3-3 binding. <i>Journal of Biological Chemistry</i> , 2018, 293, 16142-16159.	3.4	11

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73	Control of cell signaling by Arf GTPases and their regulators: Focus on links to cancer and other GTPase families. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119171.	4.1	11
74	Approaches to Studying Arf GAPs in Cells: In Vitro Assay with Isolated Focal Adhesions. <i>Current Protocols in Cell Biology</i> , 2012, 55, Unit17.13.	2.3	10
75	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). <i>Journal of Biological Chemistry</i> , 2016, 291, 21350-21362.	3.4	10
76	Interaction of the N terminus of ADP-ribosylation factor with the PH domain of the GTPase-activating protein ASAP1 requires phosphatidylinositol 4,5-bisphosphate. <i>Journal of Biological Chemistry</i> , 2019, 294, 17354-17370.	3.4	10
77	Functional Expression and Characterization of Human Myristoylated-Arf1 in Nanodisc Membrane Mimetics. <i>Biochemistry</i> , 2019, 58, 1423-1431.	2.5	10
78	Arf GAPs and molecular motors. <i>Small GTPases</i> , 2019, 10, 196-209.	1.6	9
79	Quantitative Analysis of Guanine Nucleotide Exchange Factors (GEFs) as Enzymes. <i>Cellular Logistics</i> , 2013, 3, e27609.	0.9	8
80	ARAP2 inhibits Akt independently of its effects on focal adhesions. <i>Biology of the Cell</i> , 2018, 110, 257-270.	2.0	8
81	Nucleotide exchange factors. <i>Cellular Logistics</i> , 2012, 2, 140-146.	0.9	7
82	InÂvitro reconstitution reveals cooperative mechanisms of adapter protein-mediated activation of phospholipase C-Î³1 in T cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101680.	3.4	5
83	A lysine-rich cluster in the N-BAR domain of ARF GTPase-activating protein ASAP1 is necessary for binding and bundling actin filaments. <i>Journal of Biological Chemistry</i> , 2022, 298, 101700.	3.4	3
84	ERK phosphorylation is dependent on cell adhesion in a subset of pediatric sarcoma cell lines. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119264.	4.1	2
85	The Importance of Seeing Surface (Effects). <i>Structure</i> , 2014, 22, 363-365.	3.3	1
86	ArfGAPs: key regulators for receptor sorting. <i>Receptors & Clinical Investigation</i> , 2014, 1, e158.	0.9	1
87	Simple in vitro assay of Arf GAPs and preparation of Arf proteins as substrates. <i>Methods in Cell Biology</i> , 2015, 130, 69-80.	1.1	0
88	The PH Domain of ASAP1 Binds N terminus of Arf1 in Presence of PIP2 for Efficient GTPase-activating Protein Activity. <i>FASEB Journal</i> , 2019, 33, 477.10.	0.5	0