

Anne J Ridley

List of Articles by Year in descending order

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97

PR articles

21,320

PR citations

20531

56

PR h-index

31993

97

g-index

120

documents

24466

doc citations

23628

58

h-index

30608

citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation and functions of RhoU and RhoV. <i>Small GTPases</i> , 2020, 11, 8-15.	2.1	49
2	Rnd3 interacts with TAO kinases and contributes to mitotic cell rounding and spindle positioning. <i>Journal of Cell Science</i> , 2020, 133, .	2.4	13
3	Targeting Rho GTPase Signaling Networks in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, .	3.6	153
4	Hypoxia suppresses myofibroblast differentiation by changing RhoA activity. <i>Journal of Cell Science</i> , 2019, , .	2.4	22
5	Inhibition of Rho-associated kinases suppresses cardiac myofibroblast function in engineered connective and heart muscle tissues. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 134, 13-28.	3.8	37
6	RhoBTB1 interacts with ROCKs and inhibits invasion. <i>Biochemical Journal</i> , 2019, 476, 2499-2514.	3.8	14
7	Aspirin blocks formation of metastatic intravascular niches by inhibiting platelet-derived COX-1/thromboxane A2. <i>Journal of Clinical Investigation</i> , 2019, 129, 1845-1862.	10.6	199
8	Rho GTPase signaling complexes in cell migration and invasion. <i>Journal of Cell Biology</i> , 2018, 217, 447-457.	5.4	473
9	An RNAi screen of Rho signalling networks identifies RhoH as a regulator of Rac1 in prostate cancer cell migration. <i>BMC Biology</i> , 2018, 16, .	3.9	31
10	The RhoB small GTPase in physiology and disease. <i>Small GTPases</i> , 2018, 9, 384-393.	2.1	79
11	The STRIPAK complex components FAM40A and FAM40B regulate endothelial cell contractility via ROCKs. <i>BMC Cell Biology</i> , 2018, 19, .	3.6	18
12	Analysis of the interaction of Plexin-B1 and Plexin-B2 with Rnd family proteins. <i>PLoS ONE</i> , 2017, 12, e0185899.	2.3	11
13	Rnd3-induced cell rounding requires interaction with Plexin-B2. <i>Journal of Cell Science</i> , 2016, 129, 4046-4056.	2.4	22
14	RhoB controls endothelial barrier recovery by inhibiting Rac1 trafficking to the cell border. <i>Journal of Cell Biology</i> , 2016, 213, 385-402.	5.4	72
15	Rho GTPases: Regulation and roles in cancer cell biology. <i>Small GTPases</i> , 2016, 7, 207-221.	2.1	493
16	Regulating Rho GTPases and their regulators. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 496-510.	78.2	812
17	RhoC and ROCKs regulate cancer cell interactions with endothelial cells. <i>Molecular Oncology</i> , 2015, 9, 1043-1055.	4.1	29
18	The Rho GTPase RhoB regulates cadherin expression and epithelial cell-cell interaction. <i>Cell Communication and Signaling</i> , 2015, 13, 6.	7.9	31

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19	Rho GTPase signalling in cell migration. <i>Current Opinion in Cell Biology</i> , 2015, 36, 103-112.	3.9	745
20	An antagonistic interaction between PlexinB2 and Rnd3 controls RhoA activity and cortical neuron migration. <i>Nature Communications</i> , 2014, 5, .	13.7	63
21	Diverse matrix metalloproteinase functions regulate cancer amoeboid migration. <i>Nature Communications</i> , 2014, 5, .	13.7	175
22	Crossing the endothelial barrier during metastasis. <i>Nature Reviews Cancer</i> , 2013, 13, 858-870.	60.8	826
23	Roles of Rho GTPases in leucocyte and leukaemia cell transendothelial migration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130013.	3.7	27
24	RhoA, RhoB and RhoC have different roles in cancer cell migration. <i>Journal of Microscopy</i> , 2013, 251, 242-249.	1.7	157
25	14-3-3 Proteins Interact with a Hybrid Prenyl-Phosphorylation Motif to Inhibit G Proteins. <i>Cell</i> , 2013, 153, 640-653.	33.7	102
26	ARHGAP21 is a RhoGAP for RhoA and RhoC with a role in proliferation and migration of prostate adenocarcinoma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 365-374.	4.1	58
27	Rnd3 induces stress fibres in endothelial cells through RhoB. <i>Biology Open</i> , 2013, 2, 210-216.	1.2	22
28	Disease-associated missense mutations in the EVH1 domain disrupt intrinsic WASp function causing dysregulated actin dynamics and impaired dendritic cell migration. <i>Blood</i> , 2013, 121, 72-84.	4.2	13
29	RhoB regulates uPAR signalling. <i>Journal of Cell Science</i> , 2012, , .	2.4	27
30	Cdc42 promotes transendothelial migration of cancer cells through β 1 integrin. <i>Journal of Cell Biology</i> , 2012, 199, 653-668.	5.4	180
31	RhoB regulates cell migration through altered focal adhesion dynamics. <i>Open Biology</i> , 2012, 2, 120076.	3.2	56
32	Radixin regulates cell migration and cell-cell adhesion through Rac1. <i>Journal of Cell Science</i> , 2012, , .	2.4	45
33	Analysis of Rho GTPase expression in T-ALL identifies RhoU as a target for Notch involved in T-ALL cell migration. <i>Oncogene</i> , 2012, 32, 198-208.	6.5	39
34	Blebs on the Move. <i>Developmental Cell</i> , 2011, 20, e1.	7.7	3
35	Proneural Transcription Factors Regulate Different Steps of Cortical Neuron Migration through Rnd-Mediated Inhibition of RhoA Signaling. <i>Neuron</i> , 2011, 69, 1069-1084.	11.0	212
36	A model of localised Rac1 activation in endothelial cells due to fluid flow. <i>Journal of Theoretical Biology</i> , 2011, 280, 34-42.	1.6	9

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37	Identification and characterization of a set of conserved and new regulators of cytoskeletal organization, cell morphology and migration. BMC Biology, 2011, 9, .	3.9	192
38	Rnd proteins: Multifunctional regulators of the cytoskeleton and cell cycle progression. BioEssays, 2010, 32, 986-992.	2.1	100
39	CD73 represses pro-inflammatory responses in human endothelial cells. Journal of Inflammation, 2010, 7, 10.	4.0	38
40	Transcriptional regulation of the small GTPase RhoB gene by TGF β -induced signaling pathways. FASEB Journal, 2010, 24, 891-905.	0.6	45
41	Major Role of Epidermal Growth Factor Receptor and Src Kinases in Promoting Oxidative Stress-dependent Loss of Adhesion and Apoptosis in Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 4307-4318.	2.2	45
42	RhoE Is Required for Keratinocyte Differentiation and Stratification. Molecular Biology of the Cell, 2009, 20, 452-463.	2.5	37
43	RhoE Inhibits 4E-BP1 Phosphorylation and eIF4E Function Impairing Cap-dependent Translation. Journal of Biological Chemistry, 2009, 284, 35287-35296.	2.2	30
44	Regulation of Rnd3 localization and function by protein kinase C δ -mediated phosphorylation. Biochemical Journal, 2009, 424, 153-161.	3.8	58
45	Characterisation of tumoral markers correlated with ErbB2 (HER2/Neu) overexpression and metastasis in breast cancer. Proteomics - Clinical Applications, 2008, 2, 1313-1326.	2.3	11
46	Mechanism of multi-site phosphorylation from a ROCK-I:RhoE complex structure. EMBO Journal, 2008, 27, 3175-3185.	7.3	62
47	Mammalian Rho GTPases: new insights into their functions from in vivo studies. Nature Reviews Molecular Cell Biology, 2008, 9, 690-701.	78.2	1,700
48	Regulation of macrophage adhesion and migration by Rho GTPase-binding proteins. Journal of Microscopy, 2008, 231, 518-523.	1.7	30
49	Rho GTPases in cancer cell biology. FEBS Letters, 2008, 582, 2093-2101.	2.7	686
50	Distinct roles of class IA PI3K isoforms in primary and immortalised macrophages. Journal of Cell Science, 2008, 121, 4124-4133.	2.4	91
51	PAK1-mediated activation of ERK1/2 regulates lamellipodial dynamics. Journal of Cell Science, 2008, 121, 3729-3736.	2.4	73
52	N-terminus-mediated dimerization of ROCK-I is required for RhoE binding and actin reorganization. Biochemical Journal, 2008, 411, 407-414.	3.8	26
53	Negative feedback regulation of Rac in leukocytes from mice expressing a constitutively active phosphatidylinositol 3-kinase β . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14354-14359.	7.5	58
54	Roles of Rho/ROCK and MLCK in TNF α -induced changes in endothelial morphology and permeability. Journal of Cellular Physiology, 2007, 213, 221-228.	4.1	240

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55	RhoB affects macrophage adhesion, integrin expression and migration. <i>Experimental Cell Research</i> , 2007, 313, 3505-3516.	3.1	69
56	Casein kinase II associates with and phosphorylates the tight junction protein occludin. <i>FEBS Letters</i> , 2006, 580, 2388-2394.	2.7	33
57	Rho GTPases and actin dynamics in membrane protrusions and vesicle trafficking. <i>Trends in Cell Biology</i> , 2006, 16, 522-529.	12.1	1,086
58	α 1-Integrins determine the dendritic morphology which enhances DC-SIGN-mediated particle capture by dendritic cells. <i>International Immunology</i> , 2006, 18, 1295-1303.	3.1	22
59	Effects of microinjected small GTPases on the actin cytoskeleton of human neutrophils. <i>Journal of Anatomy</i> , 2003, 203, 379-389.	1.8	8
60	Characterization of Protein Phosphorylation by Mass Spectrometry Using Immobilized Metal Ion Affinity Chromatography with On-Resin I ² -Elimination and Michael Addition. <i>Analytical Chemistry</i> , 2003, 75, 3232-3243.	6.5	86
61	Phosphorylation of the WASP-VCA Domain Increases Its Affinity for the Arp2/3 Complex and Enhances Actin Polymerization by WASP. <i>Molecular Cell</i> , 2003, 11, 1229-1239.	13.3	130
62	Dendritic cells from CML patients have altered actin organization, reduced antigen processing, and impaired migration. <i>Blood</i> , 2003, 101, 3560-3567.	4.2	94
63	Phosphorylation of Tyrosine 291 Enhances the Ability of WASP to Stimulate Actin Polymerization and Filopodium Formation. <i>Journal of Biological Chemistry</i> , 2002, 277, 45115-45121.	2.2	186
64	Rho proteins, PI 3-kinases, and monocyte/macrophage motility. <i>FEBS Letters</i> , 2001, 498, 168-171.	2.7	111
65	Rho Proteins: Linking Signaling with Membrane Trafficking. <i>Traffic</i> , 2001, 2, 303-310.	2.3	235
66	Requirement for Rho GTPases and PI 3-kinases during apoptotic cell phagocytosis by macrophages. <i>Current Biology</i> , 2001, 11, 195-199.	3.6	161
67	Rho family proteins: coordinating cell responses. <i>Trends in Cell Biology</i> , 2001, 11, 471-477.	12.1	704
68	Phosphatidylserine (PS) induces PS receptor-mediated macropinocytosis and promotes clearance of apoptotic cells. <i>Journal of Cell Biology</i> , 2001, 155, 649-660.	5.4	524
69	Rac is required for constitutive macropinocytosis by dendritic cells but does not control its downregulation. <i>Current Biology</i> , 2000, 10, 839-848.	3.6	252
70	PSK, a Novel STE20-like Kinase Derived from Prostatic Carcinoma That Activates the c-Jun N-terminal Kinase Mitogen-activated Protein Kinase Pathway and Regulates Actin Cytoskeletal Organization. <i>Journal of Biological Chemistry</i> , 2000, 275, 4311-4322.	2.2	91
71	Rho Gtpases. <i>Journal of Cell Biology</i> , 2000, 150, F107-F109.	5.4	96
72	Title is missing!. <i>Genome Biology</i> , 2000, 1, reviews102.1.	12.2	6

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73	Monocyte Adhesion and Spreading on Human Endothelial Cells Is Dependent on Rho-regulated Receptor Clustering. <i>Journal of Cell Biology</i> , 1999, 145, 1293-1307.	5.4	269
74	Distinct PI(3)Ks mediate mitogenic signalling and cell migration in macrophages. <i>Nature Cell Biology</i> , 1999, 1, 69-71.	16.3	269
75	Sema3A-induced growth-cone collapse is mediated by Rac1 amino acids 17-32. <i>Current Biology</i> , 1999, 9, 991-998.	3.6	125
76	Regulation of TNF- α -induced reorganization of the actin cytoskeleton and cell-cell junctions by Rho, Rac, and Cdc42 in human endothelial cells. <i>Journal of Cellular Physiology</i> , 1998, 176, 150-165.	4.1	367
77	The Rho GTPases in Macrophage Motility and Chemotaxis. <i>Cell Adhesion and Communication</i> , 1998, 6, 237-245.	1.6	79
78	A Role for Cdc42 in Macrophage Chemotaxis. <i>Journal of Cell Biology</i> , 1998, 141, 1147-1157.	5.4	496
79	Activation of Both MAP Kinase and Phosphatidylinositide 3-Kinase by Ras Is Required for Hepatocyte Growth Factor/Scatter Factor-induced Adherens Junction Disassembly. <i>Molecular Biology of the Cell</i> , 1998, 9, 2185-2200.	2.5	313
80	RhoE Regulates Actin Cytoskeleton Organization and Cell Migration. <i>Molecular and Cellular Biology</i> , 1998, 18, 4761-4771.	2.5	197
81	Requirement for Rho in Integrin Signalling. <i>Cell Adhesion and Communication</i> , 1997, 4, 387-398.	1.6	123
82	The GTP-binding protein Rho. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 1225-1229.	2.6	72
83	Role of Phosphoinositide 3-OH Kinase in Cell Transformation and Control of the Actin Cytoskeleton by Ras. <i>Cell</i> , 1997, 89, 457-467.	33.7	1,030
84	Stimulation of actin stress fibre formation mediated by activation of phospholipase D. <i>Current Biology</i> , 1996, 6, 588-597.	3.6	232
85	Rho: theme and variations. <i>Current Biology</i> , 1996, 6, 1256-1264.	3.6	295
86	The small GTP-binding proteins, Rac and Rho, regulate cytoskeletal organization and exocytosis in mast cells by parallel pathways.. <i>Molecular Biology of the Cell</i> , 1996, 7, 1429-1442.	2.5	129
87	Regulation of Scatter Factor/Hepatocyte Growth Factor Responses by Ras, Rac, and Rho in MDCK Cells. <i>Molecular and Cellular Biology</i> , 1995, 15, 1110-1122.	2.5	532
88	The small GTPases Rac and Rho as regulators of secretion in mast cells. <i>Current Biology</i> , 1995, 5, 68-73.	3.6	138
89	Intracellular Regulation: Rac and Bcr regulate phagocytic phoxes. <i>Current Biology</i> , 1995, 5, 710-712.	3.6	22
90	CpG Islands in Human ZFX and ZFY and Mouse Zfx Genes: Sequence Similarities and Methylation Differences. <i>Genomics</i> , 1995, 29, 353-363.	2.8	25

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91	Rho-related proteins: actin cytoskeleton and cell cycle. <i>Current Opinion in Genetics and Development</i> , 1995, 5, 24-30.	3.2	180
92	Actin filament organization in activated mast cells is regulated by heterotrimeric and small GTP-binding proteins. <i>Journal of Cell Biology</i> , 1994, 126, 1005-1015.	5.4	138
93	Membrane ruffling and signal transduction. <i>BioEssays</i> , 1994, 16, 321-327.	2.1	187
94	Cellular responses regulated by rho-related small GTP-binding proteins. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1993, 340, 267-271.	3.7	53
95	The small GTP-binding protein rho regulates the assembly of focal adhesions and actin stress fibers in response to growth factors. <i>Cell</i> , 1992, 70, 389-399.	33.7	4,427
96	The small GTP-binding protein rac regulates growth factor-induced membrane ruffling. <i>Cell</i> , 1992, 70, 401-410.	33.7	3,591
97	Homologous ribosomal protein genes on the human X and Y chromosomes: Escape from X inactivation and possible implications for turner syndrome. <i>Cell</i> , 1990, 63, 1205-1218.	33.7	428