

Harry H Mellor

List of Publications by Year in descending order

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74
papers

6,648
citations

117453

34
h-index

85405

71
g-index

74
all docs

74
docs citations

74
times ranked

7891
citing authors

#	ARTICLE	IF	CITATIONS
1	srGAP2 deactivates RhoA to control the duration of thrombin-mediated endothelial permeability. <i>Vascular Biology</i> (Bristol, England), 2022, 4, K1-K10.	1.2	1
2	Reduced Glomerular Filtration in Diabetes Is Attributable to Loss of Density and Increased Resistance of Glomerular Endothelial Cell Fenestrations. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1120-1136.	3.0	11
3	Cyclic-AMP Increases Nuclear Actin Monomer Which Promotes Proteasomal Degradation of RelA/p65 Leading to Anti-Inflammatory Effects. <i>Cells</i> , 2022, 11, 1414.	1.8	3
4	The cancer angiogenesis co-culture assay: In vitro quantification of the angiogenic potential of tumoroids. <i>PLoS ONE</i> , 2021, 16, e0253258.	1.1	8
5	In Vitro Coculture Assays of Angiogenesis. <i>Methods in Molecular Biology</i> , 2021, 2206, 39-46.	0.4	2
6	A functional antagonism between RhoJ and Cdc42 regulates fibronectin remodelling during angiogenesis. <i>Small GTPases</i> , 2020, 12, 1-5.	0.7	10
7	Dimethyl-2-oxoglutarate improves redox balance and mitochondrial function in muscle pericytes of individuals with diabetes mellitus. <i>Diabetologia</i> , 2020, 63, 2205-2217.	2.9	15
8	RhoJ Regulates $\alpha_5\beta_1$ Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis. <i>Current Biology</i> , 2020, 30, 2146-2155.e5.	1.8	24
9	Raftlin is recruited by neuropilin-1 to the activated VEGFR2 complex to control proangiogenic signaling. <i>Angiogenesis</i> , 2020, 23, 371-383.	3.7	25
10	Characterization of the polarized endothelial secretome. <i>FASEB Journal</i> , 2019, 33, 12277-12287.	0.2	21
11	Direct Activation of NADPH Oxidase 2 by 2-Deoxyribose-1-Phosphate Triggers Nuclear Factor Kappa B-Dependent Angiogenesis. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 110-130.	2.5	29
12	Live imaging of wound angiogenesis reveals macrophage orchestrated vessel sprouting and regression. <i>EMBO Journal</i> , 2018, 37, .	3.5	183
13	The tumor suppressor RhoBTB1 controls Golgi integrity and breast cancer cell invasion through METTL7B. <i>BMC Cancer</i> , 2017, 17, 145.	1.1	62
14	In Vitro Coculture Assays of Angiogenesis. <i>Methods in Molecular Biology</i> , 2016, 1430, 159-166.	0.4	10
15	The Rif GTPase regulates cytoskeletal signaling from plexinA4 to promote neurite retraction. <i>Neuroscience Letters</i> , 2015, 590, 178-183.	1.0	10
16	Platelet Rho GTPases—a focus on novel players, roles and relationships. <i>Biochemical Journal</i> , 2015, 466, 431-442.	1.7	46
17	The Formin FMNL3 Controls Early Apical Specification in Endothelial Cells by Regulating the Polarized Trafficking of Podocalyxin. <i>Current Biology</i> , 2015, 25, 2325-2331.	1.8	28
18	The Coculture Organotypic Assay of Angiogenesis. <i>Methods in Molecular Biology</i> , 2015, 1214, 265-270.	0.4	1

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19	RNA Interference Approaches to Examine Golgi Function in Animal Cell Culture. <i>Methods in Cell Biology</i> , 2013, 118, 15-34.	0.5	3
20	RhoG Protein Regulates Platelet Granule Secretion and Thrombus Formation in Mice. <i>Journal of Biological Chemistry</i> , 2013, 288, 34217-34229.	1.6	35
21	The Small GTPase Rif Is Dispensable for Platelet Filopodia Generation in Mice. <i>PLoS ONE</i> , 2013, 8, e54663.	1.1	25
22	The novel formin FMNL3 is a cytoskeletal regulator of angiogenesis.. <i>Journal of Cell Science</i> , 2012, 125, 1420-8.	1.2	46
23	The small Rho GTPase Rif and actin cytoskeletal remodelling. <i>Biochemical Society Transactions</i> , 2012, 40, 268-272.	1.6	22
24	Uses of the <i>in vitro</i> endothelialâ€“fibroblast organotypic co-culture assay in angiogenesis research. <i>Biochemical Society Transactions</i> , 2011, 39, 1597-1600.	1.6	61
25	Site recognition and substrate screens for PKN family proteins. <i>Biochemical Journal</i> , 2011, 438, 535-543.	1.7	20
26	The role of formins in filopodia formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 191-200.	1.9	163
27	The small GTPase Rif is an alternative trigger for the formation of actin stress fibers in epithelial cells. <i>Journal of Cell Science</i> , 2010, 123, 1247-1252.	1.2	33
28	RhoBTB Proteins in Cancer. , 2010, , 111-122.		0
29	VEGFR1 (Flt1) Regulates Rab4 Recycling to Control Fibronectin Polymerization and Endothelial Vessel Branching. <i>Traffic</i> , 2009, 10, 754-766.	1.3	39
30	VEGF receptor trafficking in angiogenesis. <i>Biochemical Society Transactions</i> , 2009, 37, 1184-1188.	1.6	38
31	Farnesyltransferase inhibitors target multiple endothelial cell functions in angiogenesis. <i>Angiogenesis</i> , 2008, 11, 337-346.	3.7	11
32	Escherichia coli isolated from bovine mastitis invade mammary cells by a modified endocytic pathway. <i>Veterinary Microbiology</i> , 2008, 130, 151-164.	0.8	21
33	Rho GTPase Activation Assays. <i>Current Protocols in Cell Biology</i> , 2008, 38, Unit 14.8.	2.3	35
34	Actin stress fibres. <i>Journal of Cell Science</i> , 2007, 120, 3491-3499.	1.2	616
35	Scanning Electron Microscopy of Cell Surface Morphology. <i>Current Protocols in Cell Biology</i> , 2007, 37, Unit4.17.	2.3	17
36	VEGF regulates the mobilization of VEGFR2/KDR from an intracellular endothelial storage compartment. <i>Blood</i> , 2006, 108, 2624-2631.	0.6	166

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37	siRNA approaches in cell biology. , 2005, , .		0
38	The Rho Family GTPase Rif Induces Filopodia through mDia2. <i>Current Biology</i> , 2005, 15, 129-133.	1.8	279
39	Evolution of the Human Rho GTPase Family. , 2005, , 19-29.		1
40	Farnesyltransferase inhibitors disrupt EGF receptor traffic through modulation of the RhoB GTPase. <i>Journal of Cell Science</i> , 2004, 117, 3221-3231.	1.2	110
41	S1P and LPA trigger Schwann cell actin changes and migration. <i>European Journal of Neuroscience</i> , 2004, 19, 3142-3150.	1.2	39
42	Cell Motility: Golgi Signalling Shapes up to Ship out. <i>Current Biology</i> , 2004, 14, R434-R435.	1.8	33
43	Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High-Curvature Membranes and 3-Phosphoinositides. <i>Current Biology</i> , 2004, 14, 1791-1800.	1.8	414
44	RhoB and Actin Polymerization Coordinate Src Activation with Endosome-Mediated Delivery to the Membrane. <i>Developmental Cell</i> , 2004, 7, 855-869.	3.1	235
45	Synergistic roles for the Map and Tir effector molecules in mediating uptake of enteropathogenic <i>Escherichia coli</i> (EPEC) into non-phagocytic cells. <i>Cellular Microbiology</i> , 2003, 5, 773-783.	1.1	65
46	Regulation of endocytic traffic by Rho GTPases. <i>Biochemical Journal</i> , 2003, 371, 233-241.	1.7	114
47	Super Ras. <i>Journal of Cell Science</i> , 2003, 116, 7-8.	1.2	3
48	The Phox Homology (PX) Domain-dependent, 3-Phosphoinositide-mediated Association of Sorting Nexin-1 with an Early Sorting Endosomal Compartment Is Required for Its Ability to Regulate Epidermal Growth Factor Receptor Degradation. <i>Journal of Biological Chemistry</i> , 2002, 277, 48730-48736.	1.6	157
49	Small interfering RNAs as a tool to assign Rho GTPase exchange-factor function in vivo. <i>Biochemical Journal</i> , 2002, 366, 393-398.	1.7	44
50	Co-ordinate regulation of distinct host cell signalling pathways by multifunctional enteropathogenic <i>Escherichia coli</i> effector molecules. <i>Molecular Microbiology</i> , 2002, 44, 1095-1107.	1.2	150
51	Identification and characterization of a novel activated RhoB binding protein containing a PDZ domain whose expression is specifically modulated in thyroid cells by cAMP. <i>FEBS Journal</i> , 2002, 269, 6241-6249.	0.2	15
52	The Rho GTPase family: a Racs to Wrchs story. <i>Journal of Cell Science</i> , 2002, 115, 239-240.	1.2	115
53	The Rho GTPase family: a Racs to Wrchs story. <i>Journal of Cell Science</i> , 2002, 115, 239-40.	1.2	98
54	Cell cycle-dependent phosphorylation of the translational repressor eIF-4E binding protein-1 (4E-BP1). <i>Current Biology</i> , 2001, 11, 1374-1379.	1.8	117

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55	Modular phosphoinositide-binding domains – their role in signalling and membrane trafficking. <i>Current Biology</i> , 2001, 11, R882-R893.	1.8	161
56	Rho-dependence of <i>Schizosaccharomyces pombe</i> Pck2. <i>Genes To Cells</i> , 2000, 5, 17-27.	0.5	36
57	The novel Rho-family GTPase Rif regulates coordinated actin-based membrane rearrangements. <i>Current Biology</i> , 2000, 10, 1387-1390.	1.8	92
58	Regulation of endocytic traffic by Rho family GTPases. <i>Trends in Cell Biology</i> , 2000, 10, 85-88.	3.6	180
59	Rho GTPase Control of Protein Kinase C-related Protein Kinase Activation by 3-Phosphoinositide-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 11064-11070.	1.6	104
60	Regulation of epidermal growth factor receptor traffic by the small GTPase RhoB. <i>Current Biology</i> , 1999, 9, 955-958.	1.8	191
61	Multiple Interactions of PRK1 with RhoA. <i>Journal of Biological Chemistry</i> , 1998, 273, 2698-2705.	1.6	98
62	PRK1 Is Targeted to Endosomes by the Small GTPase, RhoB. <i>Journal of Biological Chemistry</i> , 1998, 273, 4811-4814.	1.6	106
63	The extended protein kinase C superfamily. <i>Biochemical Journal</i> , 1998, 332, 281-292.	1.7	1,452
64	Role of Translation Initiation Factor eIF-2B in the Regulation of Protein Synthesis in Mammalian Cells. <i>Progress in Molecular Biology and Translational Science</i> , 1996, 54, 165-196.	1.9	33
65	eIF2B, the guanine nucleotide-exchange factor for eukaryotic initiation factor 2. Sequence conservation between the $\hat{\epsilon}$, $\hat{\rho}$ and $\hat{\sigma}$ subunits of eIF2B from mammals and yeast. <i>Biochemical Journal</i> , 1996, 318, 637-643.	1.7	30
66	Cloning and characterization of cDNAs encoding the $\hat{\mu}$ -subunit of eukaryotic initiation factor-2B from rabbit and human. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1307, 309-317.	2.4	1
67	Cloning and characterization of complementary and genomic DNAs encoding the $\hat{\mu}$ -subunit of rat translation initiation factor-2B. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1307, 318-324.	2.4	10
68	Structure and sequence of the gene encoding the $\hat{\epsilon}$ -subunit of rat translation initiation factor-2B. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1264, 163-167.	2.4	4
69	Cloning and characterization of a cDNA encoding rat PKR, the double-stranded RNA-dependent eukaryotic initiation factor-2 kinase. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994, 1219, 693-696.	2.4	23
70	Purification and characterization of eukaryotic translational initiation factor eIF-2B from liver. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1994, 1201, 473-481.	1.1	53
71	Brefeldin A inhibits protein synthesis through the phosphorylation of the $\hat{\epsilon}$ -subunit of eukaryotic initiation factor-2. <i>FEBS Letters</i> , 1994, 350, 143-146.	1.3	14
72	Purification and characterisation of an initiation-factor-2 kinase from uninduced mouse erythroleukaemia cells. <i>FEBS Journal</i> , 1993, 211, 529-538.	0.2	10

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73	Comparative analysis of the regulation of the interferoninducible protein kinase PKR by Epstein - Barr virus RNAs EBER-1 and EBER-2 and adenovirus VA, RNA. Nucleic Acids Research, 1993, 21, 4483-4490.	6.5	189
74	A synthetic peptide substrate for initiation factor-2 kinases. Biochemical and Biophysical Research Communications, 1991, 178, 430-437.	1.0	32