

# Magdalena Chrzanowska-Wodnicka

## List of Publications by Year in descending order

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51  
papers

6,463  
citations

172457

29  
h-index

265206

42  
g-index

53  
all docs

53  
docs citations

53  
times ranked

6739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Rap1 (Ras-Association Proximate 1) Restricts Inflammatory Signaling to Protect From the Progression of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 638-650.	2.4	24
2	Distinct Signaling Functions of Rap1 Isoforms in NO Release From Endothelium. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 687598.	3.7	1
3	Integration of Rap1 and Calcium Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1616.	4.1	31
4	Sphingosine-1-Phosphate Receptor 1 Activity Promotes Tumor Growth by Amplifying VEGF-VEGFR2 Angiogenic Signaling. <i>Cell Reports</i> , 2019, 29, 3472-3487.e4.	6.4	41
5	Regulation of Cell Contractility by RhoA: Stress Fiber and Focal Adhesion Assembly. , 2019, , 245-262.		0
6	Rap1B promotes VEGF-induced endothelial permeability and is required for dynamic regulation of endothelial barrier. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	42
7	Abstract 229: Small GTPase Rap1 deficiency Accelerates Development of Atherosclerosis in ApoE Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	2.4	0
8	Rap1 in endothelial biology. <i>Current Opinion in Hematology</i> , 2017, 24, 248-255.	2.5	47
9	Rap1b Is an Effector of Axin2 Regulating Crosstalk of Signaling Pathways During Skeletal Development. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1816-1828.	2.8	22
10	Metabolic Remodeling of Neutrophils at Inflammatory Site Drives Invadosome Formation Favoring Transcellular Migration. <i>Blood</i> , 2017, 130, 992-992.	1.4	0
11	Retinal pigment epithelial cell expression of active Rap 1a by sCAAV2 inhibits choroidal neovascularization. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16056.	4.1	15
12	Nogo-B receptor deficiency causes cerebral vasculature defects during embryonic development in mice. <i>Developmental Biology</i> , 2016, 410, 190-201.	2.0	18
13	Rap1 promotes endothelial mechanosensing complex formation, <scp>NO</scp> release and normal endothelial function. <i>EMBO Reports</i> , 2015, 16, 628-637.	4.5	42
14	Small GTPase Rap1 Is Essential for Mouse Development and Formation of Functional Vasculature. <i>PLoS ONE</i> , 2015, 10, e0145689.	2.5	41
15	Rap1b in Smooth Muscle and Endothelium Is Required for Maintenance of Vascular Tone and Normal Blood Pressure. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1486-1494.	2.4	43
16	The small GTPase Rap1b negatively regulates neutrophil chemotaxis and transcellular diapedesis by inhibiting Akt activation. <i>Journal of Experimental Medicine</i> , 2014, 211, 1741-1758.	8.5	55
17	Activation of Rap1 inhibits NADPH oxidase-dependent ROS generation in retinal pigment epithelium and reduces choroidal neovascularization. <i>FASEB Journal</i> , 2014, 28, 265-274.	0.5	25
18	Abstract 15: Novel Functions of Small GTPase Rap1 in Regulating Endothelial Homeostasis: Control of Nitric Oxide Release, Vascular Function and Blood Pressure. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	0

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19	The small GTPase Rap1b negatively regulates neutrophil chemotaxis and transcellular diapedesis by inhibiting Akt activation. <i>Journal of Cell Biology</i> , 2014, 206, 2064OIA142.	5.2	0
20	Distinct functions for Rap1 signaling in vascular morphogenesis and dysfunction. <i>Experimental Cell Research</i> , 2013, 319, 2350-2359.	2.6	48
21	Endothelial and Accessory Cell Interactions in Neuroblastoma Tumor Microenvironment. , 2013, , .		0
22	Rap1 GTPase Activation and Barrier Enhancement in RPE Inhibits Choroidal Neovascularization In Vivo. <i>PLoS ONE</i> , 2013, 8, e73070.	2.5	29
23	Abstract 206: Small GTPase Rap1 Transmits Mechanical Signals to Control Vascular Tone and Blood Pressure. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0
24	The Small Gtpase Rap1b Negatively Regulates Neutrophil Migration During Inflammation By Limiting Trans-Cellular Diapedesis. <i>Blood</i> , 2013, 122, 320-320.	1.4	0
25	Distinct Roles for Rap1b Protein in Platelet Secretion and Integrin $\alpha$ IIb $\beta$ 3 Outside-in Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 39466-39477.	3.4	59
26	Rap1 promotes VEGFR2 activation and angiogenesis by a mechanism involving integrin $\alpha$ 5 $\beta$ 1. <i>Blood</i> , 2011, 118, 2015-2026.	1.4	95
27	The cAMP-responsive Rap1 Guanine Nucleotide Exchange Factor, Epac, Induces Smooth Muscle Relaxation by Down-regulation of RhoA Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 16681-16692.	3.4	84
28	DISTINCT ROLES for Rap1b In PLATELET SECRETION and INTEGRIN $\alpha$ IIb $\beta$ 3 OUTSIDE-In SIGNALING. <i>Blood</i> , 2011, 118, 2200-2200.	1.4	2
29	Regulation of angiogenesis by a small GTPase Rap1. <i>Vascular Pharmacology</i> , 2010, 53, 1-10.	2.1	36
30	Rap1b facilitates NK cell functions via IQGAP1-mediated signalosomes. <i>Journal of Experimental Medicine</i> , 2010, 207, 1923-1938.	8.5	45
31	Integrin-independent role of CalDAG-GEFI in neutrophil chemotaxis. <i>Journal of Leukocyte Biology</i> , 2010, 88, 313-319.	3.3	28
32	Isolation and Culture of Pulmonary Endothelial Cells from Neonatal Mice. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	69
33	Enhanced proliferation and migration of vascular smooth muscle cells in response to vascular injury under hyperglycemic conditions is controlled by $\beta$ 3 integrin signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 965-974.	2.8	46
34	Non-redundant Roles of Phosphoinositide 3-Kinase Isoforms $\beta$ 1 and $\beta$ 2 in Glycoprotein VI-induced Platelet Signaling and Thrombus Formation. <i>Journal of Biological Chemistry</i> , 2009, 284, 33750-33762.	3.4	110
35	Rap1b is critical for glycoprotein VI-mediated but not ADP receptor-mediated $\beta$ 1 activation. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 693-700.	3.8	21
36	Rap1b Regulates B Cell Development, Homing, and T Cell-Dependent Humoral Immunity. <i>Journal of Immunology</i> , 2008, 181, 3373-3383.	0.8	49

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37	Defective angiogenesis, endothelial migration, proliferation, and MAPK signaling in Rap1b-deficient mice. <i>Blood</i> , 2008, 111, 2647-2656.	1.4	145
38	A critical role of Rap1b in B-cell trafficking and marginal zone B-cell development. <i>Blood</i> , 2008, 111, 4627-4636.	1.4	40
39	Defective Angiogenesis, Endothelial Migration and MAPK Signaling in Rap1b <sup>-/-</sup> Mice.. <i>Blood</i> , 2006, 108, 139-139.	1.4	2
40	Rap1b is required for normal platelet function and hemostasis in mice. <i>Journal of Clinical Investigation</i> , 2005, 115, 680-687.	8.2	266
41	Rap1b is required for normal platelet function and hemostasis in mice. <i>Journal of Clinical Investigation</i> , 2005, 115, 2296-2296.	8.2	3
42	G2A is an oncogenic G protein-coupled receptor. <i>Oncogene</i> , 2000, 19, 3866-3877.	5.9	71
43	Novel Fluorescent Technology Platform for High Throughput Cytotoxicity and Proliferation Assays. <i>Journal of Biomolecular Screening</i> , 2000, 5, 141-152.	2.6	98
44	Microtubule Depolymerization Induces Stress Fibers, Focal Adhesions, and DNA Synthesis via the GTP-Binding Protein Rho. <i>Cell Adhesion and Communication</i> , 1998, 5, 249-255.	1.7	182
45	Rho-mediated Contractility Exposes a Cryptic Site in Fibronectin and Induces Fibronectin Matrix Assembly. <i>Journal of Cell Biology</i> , 1998, 141, 539-551.	5.2	575
46	Mas Oncogene Signaling and Transformation Require the Small GTP-Binding Protein Rac. <i>Molecular and Cellular Biology</i> , 1998, 18, 1225-1235.	2.3	73
47	Focal adhesion assembly. <i>Trends in Cell Biology</i> , 1997, 7, 342-347.	7.9	207
48	FOCAL ADHESIONS, CONTRACTILITY, AND SIGNALING. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 463-519.	9.4	1,756
49	Rho-stimulated contractility drives the formation of stress fibers and focal adhesions.. <i>Journal of Cell Biology</i> , 1996, 133, 1403-1415.	5.2	1,509
50	Oncogenic Ras Activation of Raf/Mitogen-Activated Protein Kinase-Independent Pathways Is Sufficient To Cause Tumorigenic Transformation. <i>Molecular and Cellular Biology</i> , 1996, 16, 3923-3933.	2.3	346
51	What the papers say. Rho, rac and the actin cytoskeleton. <i>BioEssays</i> , 1992, 14, 777-778.	2.5	22