Grzegorz Sowa

List of Publications by Year in Descending Order

25 papers	1,161 citations	14 h-index	26 g-index
26 ext. papers	1,228 ext. citations	5.8 avg, IF	4.2 L-index

#	Paper	IF	Citations
25	Elevated postischemic tissue injury and leukocyte-endothelial adhesive interactions in mice with global deficiency in caveolin-2: role of PAI-1. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H1185-H1198	5.2	1
24	Caveolin-2 deficiency induces a rapid anti-tumor immune response prior to regression of implanted murine lung carcinoma tumors. *Scientific Reports*, **2019**, 9, 18970	4.9	6
23	Attenuated rapid onset vasodilation with greater force production in skeletal muscle of caveolin-2-/- mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H415-25	5.2	4
22	Host deficiency in caveolin-2 inhibits lung carcinoma tumor growth by impairing tumor angiogenesis. *Cancer Research*, **2014**, 74, 6452-62	10.1	15
21	Role of caveolin-2 in subcutaneous tumor growth and angiogenesis associated with syngeneic mouse Lewis lung carcinoma and B16 melanoma models. *Cancer Cell & Microenvironment*, **2014**, 1,		1
20	N-terminal tyrosine phosphorylation of caveolin-2 negates anti-proliferative effect of transforming growth factor beta in endothelial cells. *FEBS Letters*, **2012**, 586, 3317-23	3.8	5
19	Caveolae, caveolins, cavins, and endothelial cell function: new insights. *Frontiers in Physiology*, **2012**, 2, 120	4.6	120
18	Role of Caveolin Proteins in Sepsis **2012**, 2012,		3
17	Regulation of Cell Signaling and Function by Endothelial Caveolins: Implications in Disease. *Translational Medicine (Sunnyvale, Calif)*, **2012**, Suppl 8,		5
16	Caveolins in Tumor Angiogenesis **2012**, 75-90		
15	N-terminal tyrosine phosphorylation of caveolin-2 negates anti-proliferative effect of transforming growth factor beta in endothelial cells. *FASEB Journal*, **2012**, 26, lb675	0.9	
14	Novel insights into the role of caveolin-2 in cell- and tissue-specific signaling and function. *Biochemistry Research International*, **2011**, 2011, 809259	2.4	26
13	Caveolin-2 is a negative regulator of anti-proliferative function and signaling of transforming growth factor-β in endothelial cells. *American Journal of Physiology - Cell Physiology*, **2011**, 301, C1161-74	5.4	23
12	Quantitative proteomics of caveolin-1-regulated proteins: characterization of polymerase i and transcript release factor/CAVIN-1 IN endothelial cells. *Molecular and Cellular Proteomics*, **2010**, 9, 2109-24	7.6	33
11	Endothelial cells isolated from caveolin-2 knockout mice display higher proliferation rate and cell cycle progression relative to their wild-type counterparts. *American Journal of Physiology - Cell Physiology*, **2010**, 298, C693-701	5.4	24
10	Serine 23 and 36 phosphorylation of caveolin-2 is differentially regulated by targeting to lipid raft/caveolae and in mitotic endothelial cells. *Biochemistry*, **2008**, 47, 101-11	3.2	24
9	The phosphorylation of caveolin-2 on serines 23 and 36 modulates caveolin-1-dependent caveolae formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 6511-6	11.5	87

8	Caveolin-1 can regulate vascular smooth muscle cell fate by switching platelet-derived growth factor signaling from a proliferative to an apoptotic pathway. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 1521-7	9.4	85
7	Localization of endothelial nitric-oxide synthase phosphorylated on serine 1179 and nitric oxide in Golgi and plasma membrane defines the existence of two pools of active enzyme. *Journal of Biological Chemistry*, **2002**, 277, 4277-84	5.4	170
6	Vascular endothelial growth factor-stimulated actin reorganization and migration of endothelial cells is regulated via the serine/threonine kinase Akt. *Circulation Research*, **2000**, 86, 892-6	15.7	346
5	Trafficking of endothelial nitric-oxide synthase in living cells. Quantitative evidence supporting the role of palmitoylation as a kinetic trapping mechanism limiting membrane diffusion. *Journal of Biological Chemistry*, **1999**, 274, 22524-31	5.4	96
4	Inhibition of swine microglial cell phagocytosis of Cryptococcus neoformans by femtomolar concentrations of morphine. *Biochemical Pharmacology*, **1997**, 53, 823-8	6	28
3	Ouabain enhances the lipopolysaccharide-induced nitric oxide production by rat peritoneal macrophages. *Immunopharmacology*, **1997**, 36, 95-100		12
2	Enhancing effect of staurosporine on NO production in rat peritoneal macrophages via a protein kinase C-independent mechanism. *British Journal of Pharmacology*, **1995**, 116, 1711-2	8.6	7
1	cAMP analogues and cholera toxin stimulate the accumulation of nitrite in rat peritoneal macrophage cultures. *European Journal of Pharmacology*, **1994**, 266, 125-9		40