

Grzegorz Sowa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Vascular endothelial growth factor-stimulated actin reorganization and migration of endothelial cells is regulated via the serine/threonine kinase Akt. <i>Circulation Research</i> , 2000 , 86, 892-6	15.7	346
24	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. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4277-84	5.4	170
23	Caveolae, caveolins, cavins, and endothelial cell function: new insights. <i>Frontiers in Physiology</i> , 2012 , 2, 120	4.6	120
22	Trafficking of endothelial nitric-oxide synthase in living cells. Quantitative evidence supporting the role of palmitoylation as a kinetic trapping mechanism limiting membrane diffusion. <i>Journal of Biological Chemistry</i> , 1999 , 274, 22524-31	5.4	96
21	The phosphorylation of caveolin-2 on serines 23 and 36 modulates caveolin-1-dependent caveolae formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 6511-6	11.5	87
20	Caveolin-1 can regulate vascular smooth muscle cell fate by switching platelet-derived growth factor signaling from a proliferative to an apoptotic pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1521-7	9.4	85
19	cAMP analogues and cholera toxin stimulate the accumulation of nitrite in rat peritoneal macrophage cultures. <i>European Journal of Pharmacology</i> , 1994 , 266, 125-9		40
18	Quantitative proteomics of caveolin-1-regulated proteins: characterization of polymerase i and transcript release factor/CAVIN-1 IN endothelial cells. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 2109-24.6	24.6	33
17	Inhibition of swine microglial cell phagocytosis of <i>Cryptococcus neoformans</i> by femtomolar concentrations of morphine. <i>Biochemical Pharmacology</i> , 1997 , 53, 823-8	6	28
16	Novel insights into the role of caveolin-2 in cell- and tissue-specific signaling and function. <i>Biochemistry Research International</i> , 2011 , 2011, 809259	2.4	26
15	Endothelial cells isolated from caveolin-2 knockout mice display higher proliferation rate and cell cycle progression relative to their wild-type counterparts. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 298, C693-701	5.4	24
14	Serine 23 and 36 phosphorylation of caveolin-2 is differentially regulated by targeting to lipid raft/caveolae and in mitotic endothelial cells. <i>Biochemistry</i> , 2008 , 47, 101-11	3.2	24
13	Caveolin-2 is a negative regulator of anti-proliferative function and signaling of transforming growth factor- β in endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011 , 301, C1161-74	5.4	23
12	Host deficiency in caveolin-2 inhibits lung carcinoma tumor growth by impairing tumor angiogenesis. <i>Cancer Research</i> , 2014 , 74, 6452-62	10.1	15
11	Ouabain enhances the lipopolysaccharide-induced nitric oxide production by rat peritoneal macrophages. <i>Immunopharmacology</i> , 1997 , 36, 95-100		12
10	Enhancing effect of staurosporine on NO production in rat peritoneal macrophages via a protein kinase C-independent mechanism. <i>British Journal of Pharmacology</i> , 1995 , 116, 1711-2	8.6	7
9	Caveolin-2 deficiency induces a rapid anti-tumor immune response prior to regression of implanted murine lung carcinoma tumors. <i>Scientific Reports</i> , 2019 , 9, 18970	4.9	6

8	N-terminal tyrosine phosphorylation of caveolin-2 negates anti-proliferative effect of transforming growth factor beta in endothelial cells. <i>FEBS Letters</i> , 2012 , 586, 3317-23	3.8	5
7	Regulation of Cell Signaling and Function by Endothelial Caveolins: Implications in Disease. <i>Translational Medicine (Sunnyvale, Calif)</i> , 2012 , Suppl 8,		5
6	Attenuated rapid onset vasodilation with greater force production in skeletal muscle of caveolin-2 ^{-/-} mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H415-25	5.2	4
5	Role of Caveolin Proteins in Sepsis 2012 , 2012,		3
4	Role of caveolin-2 in subcutaneous tumor growth and angiogenesis associated with syngeneic mouse Lewis lung carcinoma and B16 melanoma models. <i>Cancer Cell & Microenvironment</i> , 2014 , 1,		1
3	Elevated postischemic tissue injury and leukocyte-endothelial adhesive interactions in mice with global deficiency in caveolin-2: role of PAI-1. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1185-H1198	5.2	1
2	Caveolins in Tumor Angiogenesis 2012 , 75-90		
1	N-terminal tyrosine phosphorylation of caveolin-2 negates anti-proliferative effect of transforming growth factor beta in endothelial cells. <i>FASEB Journal</i> , 2012 , 26, lb675	0.9	