Daniel Palmer

List of Publications by Citations

25 papers	1,975 citations	18 h-index	26 g-index
26 ext. papers	2,191 ext. citations	10.7 avg, IF	4.02 L-index

#	Paper	IF	Citations
25	High-resolution crystal structure of human protease-activated receptor 1. *Nature*, **2012**, 492, 387-92	50.4	353
24	TMEM16F forms a Ca2+-activated cation channel required for lipid scrambling in platelets during blood coagulation. *Cell*, **2012**, 151, 111-22	56.2	292
23	Sphingosine-1-phosphate in the plasma compartment regulates basal and inflammation-induced vascular leak in mice. *Journal of Clinical Investigation*, **2009**, 119, 1871-9	15.9	272
22	Cyclic nucleotide phosphodiesterase activity, expression, and targeting in cells of the cardiovascular system. *Molecular Pharmacology*, **2003**, 64, 533-46	4.3	260
21	The sphingosine 1-phosphate receptor S1P maintains the homeostasis of germinal center B cells and promotes niche confinement. *Nature Immunology*, **2011**, 12, 672-80	19.1	184
20	Synergistic inhibition of vascular smooth muscle cell migration by phosphodiesterase 3 and phosphodiesterase 4 inhibitors. *Circulation Research*, **1998**, 82, 852-61	15.7	78
19	Wnt/ catenin signaling is differentially regulated by G proteins and contributes to fibrous dysplasia. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 20101-6	11.5	71
18	Expression of phosphodiesterase 4D (PDE4D) is regulated by both the cyclic AMP-dependent protein kinase and mitogen-activated protein kinase signaling pathways. A potential mechanism allowing for the coordinated regulation of PDE4D activity and expression in cells. *Journal of Biological Chemistry*, **2000**, 275, 26615-24	5.4	64
17	Dual expression and differential regulation of phosphodiesterase 3A and phosphodiesterase 3B in human vascular smooth muscle: implications for phosphodiesterase 3 inhibition in human cardiovascular tissues. *Molecular Pharmacology*, **2000**, 58, 247-52	4.3	54
16	Cyclic AMP-mediated regulation of vascular smooth muscle cell cyclic AMP phosphodiesterase activity. *British Journal of Pharmacology*, **1997**, 122, 233-40	8.6	48
15	Neutrophil depletion decreases VEGF-induced focal angiogenesis in the mature mouse brain. *Journal of Cerebral Blood Flow and Metabolism*, **2007**, 27, 1853-60	7.3	48
14	Roles and interactions among protease-activated receptors and P2ry12 in hemostasis and thrombosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 18605-10	11.5	38
13	Bone marrow-derived cells contribute to vascular endothelial growth factor-induced angiogenesis in the adult mouse brain by supplying matrix metalloproteinase-9. *Stroke*, **2011**, 42, 453-8	6.7	37
12	Protein kinase A phosphorylation of human phosphodiesterase 3B promotes 14-3-3 protein binding and inhibits phosphatase-catalyzed inactivation. *Journal of Biological Chemistry*, **2007**, 282, 9411-9419	5.4	36
11	MC4R Agonists: Structural Overview on Antiobesity Therapeutics. *Trends in Pharmacological Sciences*, **2018**, 39, 402-423	13.2	31
10	Reduced phosphodiesterase 3 activity and phosphodiesterase 3A level in synthetic vascular smooth muscle cells: implications for use of phosphodiesterase 3 inhibitors in cardiovascular tissues. *Molecular Pharmacology*, **2002**, 61, 1033-40	4.3	31
9	Redundancy and interaction of thrombin- and collagen-mediated platelet activation in tail bleeding and carotid thrombosis in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 2563-9	9.4	26

8	Altered phosphodiesterase 3-mediated cAMP hydrolysis contributes to a hypermotile phenotype in obese JCR:LA-cp rat aortic vascular smooth muscle cells: implications for diabetes-associated cardiovascular disease. *Diabetes*, **2002**, 51, 1194-200	0.9	26
7	Click-Chemistry-Mediated Synthesis of Selective Melanocortin Receptor 4 Agonists. *Journal of Medicinal Chemistry*, **2017**, 60, 8716-8730	8.3	15
6	Identification of a novel scaffold for a small molecule GPR139 receptor agonist. *Scientific Reports*, **2019**, 9, 3802	4.9	6
5	C-Terminal lactamization of peptides. *Chemical Communications*, **2021**, 57, 895-898	5.8	3
4	Design and Combinatorial Development of Shield-1 Peptide Mimetics Binding to Destabilized FKBP12. *ACS Combinatorial Science*, **2020**, 22, 156-164	3.9	2
3	MC4R as a Target for Pharmacotherapeutic Treatment of Obesity and Type 2 Diabetes **2020**, 935-946		
2	Inhibition of the ADP/P2Y12 Pathway Confers Additional Protection against Arterial Thrombosis in PAR-4 Deficient Mice. *Blood*, **2008**, 112, 3933-3933	2.2	
1	Comparative studies of adhesion peptides based on l- or d-amino acids. *Journal of Peptide Science*, **2016**, 22, 642-646	2.1	