

Timothy M Palmer

List of Publications by Year in descending order

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62
papers

3,238
citations

126708

33
h-index

149479

56
g-index

62
all docs

62
docs citations

62
times ranked

4610
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulating gene transcription in response to cyclic AMP elevation. <i>Cellular Signalling</i> , 2008, 20, 460-466.	1.7	271
2	Adenosine receptors. <i>Neuropharmacology</i> , 1995, 34, 683-694.	2.0	270
3	Canagliflozin inhibits interleukin-1 β -stimulated cytokine and chemokine secretion in vascular endothelial cells by AMP-activated protein kinase-dependent and -independent mechanisms. <i>Scientific Reports</i> , 2018, 8, 5276.	1.6	173
4	Exchange Protein Activated by Cyclic AMP (Epac)-Mediated Induction of Suppressor of Cytokine Signaling 3 (SOCS-3) in Vascular Endothelial Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 6333-6346.	1.1	137
5	Exploiting the anti-inflammatory effects of AMP-activated protein kinase activation. <i>Expert Opinion on Investigational Drugs</i> , 2012, 21, 1155-1167.	1.9	121
6	Differential Interaction with and Regulation of Multiple G-proteins by the Rat A3 Adenosine Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 16895-16902.	1.6	116
7	Anti-Inflammatory and Immunosuppressive Effects of the A _{2A} Adenosine Receptor. <i>Scientific World Journal</i> , The, 2011, 11, 320-339.	0.8	107
8	Targeting SOCS Proteins to Control JAK-STAT Signalling in Disease. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 298-308.	4.0	104
9	Identification of Threonine Residues Controlling the Agonist-Dependent Phosphorylation and Desensitization of the Rat A ₃ Adenosine Receptor. <i>Molecular Pharmacology</i> , 2000, 57, 539-545.	1.0	96
10	Agonist-dependent Phosphorylation and Desensitization of the Rat A3 Adenosine Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 29607-29613.	1.6	83
11	Activation of AMP-activated protein kinase rapidly suppresses multiple pro-inflammatory pathways in adipocytes including IL-1 receptor-associated kinase-4 phosphorylation. <i>Molecular and Cellular Endocrinology</i> , 2017, 440, 44-56.	1.6	83
12	Phosphorylation of Janus kinase 1 (JAK1) by AMP-activated protein kinase (AMPK) links energy sensing to anti-inflammatory signaling. <i>Science Signaling</i> , 2016, 9, ra109.	1.6	80
13	Dual Regulation of EDG1/S1P1 Receptor Phosphorylation and Internalization by Protein Kinase C and G-protein-coupled Receptor Kinase 2. <i>Journal of Biological Chemistry</i> , 2002, 277, 5767-5777.	1.6	78
14	The future of EPAC-targeted therapies: agonism versus antagonism. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 203-214.	4.0	76
15	Molecular Basis for Subtype-specific Desensitization of Inhibitory Adenosine Receptors. <i>Journal of Biological Chemistry</i> , 1996, 271, 15272-15278.	1.6	75
16	Identification of CCAAT/Enhancer-binding Proteins as Exchange Protein Activated by cAMP-activated Transcription Factors That Mediate the Induction of the SOCS-3 Gene. <i>Journal of Biological Chemistry</i> , 2008, 283, 6843-6853.	1.6	72
17	Identification of myeloid cells in the human enthesis as the main source of local IL-23 production. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 929-933.	0.5	70
18	β ₁ -Adrenergic Receptor and Sphingosine-1-Phosphate Receptor 1 (S1PR1) Reciprocal Downregulation Influences Cardiac Hypertrophic Response and Progression to Heart Failure. <i>Circulation</i> , 2013, 128, 1612-1622.	1.6	69

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19	Identification of an A2a Adenosine Receptor Domain Specifically Responsible for Mediating Short-Term Desensitization. <i>Biochemistry</i> , 1997, 36, 832-838.	1.2	61
20	Protein kinase C phosphorylates AMP-activated protein kinase α 1 Ser487. <i>Biochemical Journal</i> , 2016, 473, 4681-4697.	1.7	57
21	Regulated Overexpression of the A1 -Adenosine Receptor in Mice Results in Adverse but Reversible Changes in Cardiac Morphology and Function. <i>Circulation</i> , 2006, 114, 2240-2250.	1.6	56
22	Specific Inhibition of Nuclear Factor- κ B-Dependent Inflammatory Responses by Cell Type-Specific Mechanisms upon A2A Adenosine Receptor Gene Transfer. <i>Molecular Pharmacology</i> , 2004, 66, 1147-1159.	1.0	55
23	Subtype-Specific Kinetics of Inhibitory Adenosine Receptor Internalization Are Determined by Sensitivity to Phosphorylation by G Protein-Coupled Receptor Kinases. <i>Molecular Pharmacology</i> , 2000, 57, 546-552.	1.0	55
24	Regulation of the inflammatory response of vascular endothelial cells by EPAC1. <i>British Journal of Pharmacology</i> , 2012, 166, 434-446.	2.7	54
25	Removal of the carboxy terminus of the A2A -adenosine receptor blunts constitutive activity: differential effect on cAMP accumulation and MAP kinase stimulation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 287-298.	1.4	52
26	Activation of Protein Kinase C δ by EPAC1 Is Required for the ERK- and CCAAT/Enhancer-binding Protein β -dependent Induction of the SOCS-3 Gene by Cyclic AMP in COS1 Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 17391-17403.	1.6	50
27	Therapeutic Targeting of the Proinflammatory IL-6-JAK/STAT Signalling Pathways Responsible for Vascular Restenosis in Type 2 Diabetes Mellitus. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-15.	0.5	50
28	Adenosine receptors and the control of endothelial cell function in inflammatory disease. <i>Immunology Letters</i> , 2005, 101, 1-11.	1.1	49
29	Extracellular Adenosine Sensing ² A Metabolic Cell Death Priming Mechanism Downstream of p53. <i>Molecular Cell</i> , 2013, 50, 394-406.	4.5	46
30	Structure-function analysis of inhibitory adenosine receptor regulation. <i>Neuropharmacology</i> , 1997, 36, 1141-1147.	2.0	44
31	Selective inhibition of cytokine-activated extracellular signal-regulated kinase by cyclic AMP via Epac1-dependent induction of suppressor of cytokine signalling-3. <i>Cellular Signalling</i> , 2009, 21, 1706-1715.	1.7	44
32	Novel interactions between the 5-HT transporter, 5-HT _{1B} receptors and Rho kinase <i>in vivo</i> and in pulmonary fibroblasts. <i>British Journal of Pharmacology</i> , 2008, 155, 606-616.	2.7	38
33	Subtype-Specific Regulation of Receptor Internalization and Recycling by the Carboxyl-Terminal Domains of the Human A1 and Rat A3 Adenosine Receptors: Consequences for Agonist-Stimulated Translocation of Arrestin3. <i>Biochemistry</i> , 2002, 41, 14748-14761.	1.2	37
34	Linking energy sensing to suppression of JAK-STAT signalling: A potential route for repurposing AMPK activators?. <i>Pharmacological Research</i> , 2018, 128, 88-100.	3.1	35
35	Role of Ubiquitylation in Controlling Suppressor of Cytokine Signalling 3 (SOCS3) Function and Expression. <i>Cells</i> , 2014, 3, 546-562.	1.8	33
36	Alterations in G-protein expression, Gi function and stimulatory receptor-mediated regulation of adipocyte adenylyl cyclase in a model of insulin-resistant diabetes with obesity. <i>Cellular Signalling</i> , 1992, 4, 365-377.	1.7	29

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37	Induction of Multiple Effects on Adenylyl Cyclase Regulation by Chronic Activation of the Human A3Adenosine Receptor. <i>Molecular Pharmacology</i> , 1997, 52, 632-640.	1.0	28
38	Cavin-1: caveolae-dependent signalling and cardiovascular disease. <i>Biochemical Society Transactions</i> , 2014, 42, 284-288.	1.6	26
39	Interaction of suppressor of cytokine signalling 3 with cavin-1 links SOCS3 function and cavin-1 stability. <i>Nature Communications</i> , 2018, 9, 168.	5.8	25
40	Protein kinase A-mediated phosphorylation of RhoA on serine 188 triggers the rapid induction of a neuroendocrine-like phenotype in prostate cancer epithelial cells. <i>Cellular Signalling</i> , 2012, 24, 1504-1514.	1.7	23
41	Stimulation of A2AAdenosine Receptor Phosphorylation by Protein Kinase C Activation: Evidence for Regulation by Multiple Protein Kinase C Isoforms. <i>Biochemistry</i> , 1999, 38, 14833-14842.	1.2	19
42	Emerging roles of protein O-GlcNAcylation in cardiovascular diseases: Insights and novel therapeutic targets. <i>Pharmacological Research</i> , 2021, 165, 105467.	3.1	18
43	Functional analysis of a human A1adenosine receptor/green fluorescent protein/Gi1± fusion protein following stable expression in CHO cells. <i>FEBS Letters</i> , 1999, 462, 61-65.	1.3	17
44	Guanine nucleotide regulatory proteins in insulin's action and in diabetes. <i>Biochemical Society Transactions</i> , 1989, 17, 627-629.	1.6	15
45	Deletion of the distal COOHterminus of the A_{2B} adenosine receptor switches internalization to an arrestinand clathrin-independent pathway and inhibits recycling. <i>British Journal of Pharmacology</i> , 2010, 159, 518-533.	2.7	15
46	Determination of G-protein levels, ADP-ribosylation by cholera and pertussis toxins and the regulation of adenylyl cyclase activity in liver plasma membranes from lean and genetically diabetic (db/db). <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1991, 1097, 193-204.	1.8	14
47	Priming of Signal Transducer and Activator of Transcription Proteins for Cytokine-Triggered Polyubiquitylation and Degradation by the A_{2A} Adenosine Receptor. <i>Molecular Pharmacology</i> , 2010, 77, 968-978.	1.0	14
48	Unbiased identification of substrates for the Epac1-inducible E3 ubiquitin ligase component SOCS-3. <i>Biochemical Society Transactions</i> , 2012, 40, 215-218.	1.6	13
49	Novel control of cAMP-regulated transcription in vascular endothelial cells. <i>Biochemical Society Transactions</i> , 2012, 40, 1-5.	1.6	12
50	Signalling enzymes: Bursting with potential. <i>Current Biology</i> , 1997, 7, R470-R473.	1.8	11
51	A769662 Inhibits Insulin-Stimulated Akt Activation in Human Macrovascular Endothelial Cells Independent of AMP-Activated Protein Kinase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3886.	1.8	9
52	Revascularisation of type 2 diabetics with coronary artery disease: Insights and therapeutic targeting of O-GlcNAcylation. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1349-1356.	1.1	9
53	Targeting Protein O-GlcNAcylation, a Link between Type 2 Diabetes Mellitus and Inflammatory Disease. <i>Cells</i> , 2022, 11, 705.	1.8	9
54	Is there a role for prostanoid-mediated inhibition of IL-6 <i>trans</i> -signalling in the management of pulmonary arterial hypertension?. <i>Biochemical Society Transactions</i> , 2019, 47, 1143-1156.	1.6	8

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55	Phosphorylation-independent internalisation and desensitisation of the human sphingosine-1-phosphate receptor S1P3. <i>Cellular Signalling</i> , 2005, 17, 997-1009.	1.7	6
56	The New Biology of Adenosine Receptors. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2006, 69, 83-120.	1.3	6
57	Exchange Protein Directly Activated by Cyclic AMP-1-Regulated Recruitment of CCAAT/Enhancer-Binding Proteins to the Suppressor of Cytokine Signaling-3 Promoter. <i>Methods in Molecular Biology</i> , 2012, 809, 201-214.	0.4	6
58	Dissecting the regulatory mechanisms controlling inhibitory adenosine receptor signaling. <i>Drug Development Research</i> , 2003, 58, 302-314.	1.4	5
59	Investigation of Novel Cavin-1/Suppressor of Cytokine Signaling 3 (SOCS3) Interactions by Coimmunoprecipitation, Peptide Pull-Down, and Peptide Array Overlay Approaches. <i>Methods in Molecular Biology</i> , 2020, 2169, 105-118.	0.4	2
60	Regulation of A3 Adenosine Receptor Internalisation by Receptor Phosphorylation. <i>Biochemical Society Transactions</i> , 1999, 27, A115-A115.	1.6	1
61	Nutrient regulation of inflammatory signalling in obesity and vascular disease. <i>Clinical Science</i> , 2021, 135, 1563-1590.	1.8	1
62	Molecular Basis of Protective Anti-Inflammatory Signalling by Cyclic AMP in the Vascular Endothelium. <i>Systems Biology</i> , 2010, , 561-587.	0.1	0