Thomas Wieland

List of Publications by Year
in descending order

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164	7,932	53794	66911
papers	citations	45 h-index	78 g-index

166	166	166	11050
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The orphan receptor GPRC5B activates pro-inflammatory signaling in the vascular wall via Fyn and NFÎºB. Biochemical and Biophysical Research Communications, 2022, 592, 60-66.	2.1	5
2	RGS3L allows for an M2 muscarinic receptor-mediated RhoA-dependent inotropy in cardiomyocytes. Basic Research in Cardiology, 2022, 117, 8.	5.9	2
3	Chronic isoprenaline/phenylephrine vs. exclusive isoprenaline stimulation in mice: critical contribution of alpha1-adrenoceptors to early cardiac stress responses. Basic Research in Cardiology, 2022, 117, 15.	5.9	10
4	RhoGEF17â€"An Essential Regulator of Endothelial Cell Death and Growth. Cells, 2021, 10, 741.	4.1	5
5	TRPV1 activation and internalization is part of the LPS-induced inflammation in human iPSC-derived cardiomyocytes. Scientific Reports, 2021, 11, 14689.	3.3	13
6	Glucosamine protects against neuronal but not vascular damage in experimental diabetic retinopathy. Molecular Metabolism, 2021, 54, 101333.	6.5	7
7	Dissecting Gq/11-Mediated Plasma Membrane Translocation of Sphingosine Kinase-1. Cells, 2020, 9, 2201.	4.1	6
8	Involvement of NDPK-B in Glucose Metabolism-Mediated Endothelial Damage via Activation of the Hexosamine Biosynthesis Pathway and Suppression of O-GlcNAcase Activity. Cells, 2020, 9, 2324.	4.1	8
9	The WD40 repeat protein, WDR36, orchestrates sphingosine kinase-1 recruitment and phospholipase C-Î² activation by Gq-coupled receptors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158704.	2.4	5
10	Bacillus anthracisâ€™ PA63 Delivers the Tumor Metastasis Suppressor Protein NDPK-A/NME1 into Breast Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 3295.	4.1	5
11	Role of the Ang2â€“Tie2 Axis in Vascular Damage Driven by High Glucose or Nucleoside Diphosphate Kinase B Deficiency. International Journal of Molecular Sciences, 2020, 21, 3713.	4.1	5
12	Nucleoside Diphosphate Kinase B Contributes to Arrhythmogenesis in Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes from a Patient with Arrhythmogenic Right Ventricular Cardiomyopathy. Journal of Clinical Medicine, 2020, 9, 486.	2.4	15
13	A cellular model of Brugada syndrome with SCN10A variants using human-induced pluripotent stem cell-derived cardiomyocytes. Europace, 2019, 21, 1410-1421.	1.7	33
14	cAMP guided his way: a life for G protein-mediated signal transduction and molecular pharmacologyâ€"tribute to Karl H. Jakobs. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 887-911.	3.0	5
15	The orphan receptor GPRC5B modulates inflammatory and fibrotic pathways in cardiac fibroblasts and mice hearts. Biochemical and Biophysical Research Communications, 2019, 514, 1198-1203.	2.1	8
16	Quantification and discovery of sequence determinants of proteinâ€perâ€mRNA amount inÂ29Âhuman tissues. Molecular Systems Biology, 2019, 15, e8513.	7.2	63
17	Drug Testing in Humanâ€Induced Pluripotent Stem Cellâ€"Derived Cardiomyocytes From a Patient With Short <scp>QT</scp> Syndrome Type 1. Clinical Pharmacology and Therapeutics, 2019, 106, 642-651.	4.7	21
18	Serum of patients with acute myocardial infarction prevents inflammation in iPSC-cardiomyocytes. Scientific Reports, 2019, 9, 5651.	3.3	6

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19	A deep proteome and transcriptome abundance atlas of 29 healthy human tissues. Molecular Systems Biology, 2019, 15, e8503.	7.2	576
20	Studying Brugada Syndrome With an SCN1B Variants in Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Frontiers in Cell and Developmental Biology, 2019, 7, 261.	3.7	29
21	Human and Pathogen Derived Ndpks Act As Novel Damps and PAMPs to Drive Leukemia Cell Survival and Progression through Signaling Via the TLR4-Mediated Alternative NLRP3 Inflammasome Pathway. Blood, 2019, 134, 2684-2684.	1.4	0
22	Estradiol protection against toxic effects of catecholamine on electrical properties in human-induced pluripotent stem cell derived cardiomyocytes. International Journal of Cardiology, 2018, 254, 195-202.	1.7	55
23	Modeling Short QT Syndrome Using Humanâ€Induced Pluripotent Stem Cellâ€"Derived Cardiomyocytes. Journal of the American Heart Association, 2018, 7, .	3.7	88
24	Electrical dysfunctions in human-induced pluripotent stem cell-derived cardiomyocytes from a patient with an arrhythmogenic right ventricular cardiomyopathy. Europace, 2018, 20, f46-f56.	1.7	50
25	Ion Channel Dysfunctions in Dilated Cardiomyopathy in Limb-Girdle Muscular Dystrophy. Circulation Genomic and Precision Medicine, 2018, 11, e001893.	3.6	40
26	Paving the Rho in cancer metastasis: Rho GTPases and beyond. , 2018, 183, 1-21.		132
27	Hypertensionâ€evoked RhoA activity in vascular smooth muscle cells requires RGS5. FASEB Journal, 2018, 32, 2021-2035.	0.5	21
28	TPP2 mutation associated with sterile brain inflammation mimicking MS. Neurology: Genetics, 2018, 4, e285.	1.9	6
29	Mediation of FoxO1 in Activated Neuroglia Deficient for Nucleoside Diphosphate Kinase B during Vascular Degeneration. Neuroglia (Basel, Switzerland), 2018, 1, 280-291.	0.9	3
30	Regulation of heterotrimeric G-protein signaling by NDPK/NME proteins and caveolins: an update. Laboratory Investigation, 2018, 98, 190-197.	3.7	10
31	Ion Channel Expression and Characterization in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Stem Cells International, 2018, 2018, 1-14.	2.5	60
32	O-GlcNAcylation of FoxO1 mediates nucleoside diphosphate kinase B deficiency induced endothelial damage. Scientific Reports, 2018, 8, 10581.	3.3	9
33	Inflammation leads through <scp>PGE</scp> / <scp>EP</scp> ₃ signaling to <scp>HDAC</scp> 5/ <scp>MEF</scp> 2â€dependent transcription in cardiac myocytes. EMBO Molecular Medicine, 2018, 10, .	6.9	16
34	An AKAP-Lbc-RhoA interaction inhibitor promotes the translocation of aquaporin-2 to the plasma membrane of renal collecting duct principal cells. PLoS ONE, 2018, 13, e0191423.	2.5	28
35	Targeting altered Nme heterooligomerization in disease?. Oncotarget, 2018, 9, 1492-1493.	1.8	4
36	Further intracellular proteins and signaling pathways regulated by angiotensin-(1â€"7) in human endothelial cells. Data in Brief, 2017, 10, 354-363.	1.0	2

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37	Calcium/Calmodulin-Dependent Protein Kinase II Activity Persists During Chronic Î²-Adrenoceptor Blockade in Experimental and Human Heart Failure. Circulation: Heart Failure, 2017, 10, e003840.	3.9	35
38	Nucleoside Diphosphate Kinase-C Suppresses cAMP Formation in Human Heart Failure. Circulation, 2017, 135, 881-897.	1.6	24
39	Lipopolysaccharides induced inflammatory responses and electrophysiological dysfunctions in human-induced pluripotent stem cell derived cardiomyocytes. Scientific Reports, 2017, 7, 2935.	3.3	111
40	Phosphodiesterase 2 Protects Against Catecholamine-Induced Arrhythmia and Preserves Contractile Function After Myocardial Infarction. Circulation Research, 2017, 120, 120-132.	4.5	55
41	Nucleoside diphosphate kinase B regulates angiogenic responses in the endothelium via caveolae formation and c-Src-mediated caveolin-1 phosphorylation. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2471-2484.	4.3	12
42	G protein-coupled receptor kinase 2 promotes cardiac hypertrophy. PLoS ONE, 2017, 12, e0182110.	2.5	30
43	Catecholamines facilitate VEGF-dependent angiogenesis via Î²2-adrenoceptor-induced Epac1 and PKA activation. Oncotarget, 2017, 8, 44732-44748.	1.8	27
44	Hyperthermia Influences the Effects of Sodium Channel Blocking Drugs in Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. PLoS ONE, 2016, 11, e0166143.	2.5	28
45	Managing risks in drug discovery: reproducibility of published findings. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 353-360.	3.0	37
46	Nucleoside diphosphate kinase B deficiency causes a diabetes-like vascular pathology via up-regulation of endothelial angiopoietin-2 in the retina. Acta Diabetologica, 2016, 53, 81-89.	2.5	24
47	Identification of intracellular proteins and signaling pathways in human endothelial cells regulated by angiotensin-(1â€“7). Journal of Proteomics, 2016, 130, 129-139.	2.4	11
48	Epac1 links prostaglandin E2 to Î²-catenin-dependent transcription during epithelial-to-mesenchymal transition. Oncotarget, 2016, 7, 46354-46370.	1.8	21
49	A systemicPasteurella multocidatoxin aggravates cardiac hypertrophy and fibrosis in mice. Cellular Microbiology, 2015, 17, 1320-1331.	2.1	7
50	Mechanism and functional impact of CD40 ligand-induced von Willebrand factor release from endothelial cells. Thrombosis and Haemostasis, 2015, 113, 1095-1108.	3.4	20
51	RhoA Activation Sensitizes Cells to Proteotoxic Stimuli by Abrogating the HSF1-Dependent Heat Shock Response. PLoS ONE, 2015, 10, e0133553.	2.5	8
52	Alterations in reversible protein histidine phosphorylation as intracellular signals in cardiovascular disease. Frontiers in Pharmacology, 2015, 6, 173.	3.5	23
53	The Bipartite Rac1 Guanine Nucleotide Exchange Factor Engulfment and Cell Motility 1/Dedicator of Cytokinesis 180 (Elmo1/Dock180) Protects Endothelial Cells from Apoptosis in Blood Vessel Development. Journal of Biological Chemistry, 2015, 290, 6408-6418.	3.4	30
54	Progress on Nme (NDP kinase/Nm23/Awd) gene family-related functions derived from animal model systems: studies on development, cardiovascular disease, and cancer metastasis exemplified. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 109-117.	3.0	13

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55	Nucleoside diphosphate kinase as protein histidine kinase. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 153-160.	3.0	48
56	p63RhoGEF regulates auto- and paracrine signaling in cardiac fibroblasts. Journal of Molecular and Cellular Cardiology, 2015, 88, 39-54.	1.9	18
57	Nucleoside Diphosphate Kinase Bâ€“Activated Intermediate Conductance Potassium Channels Are Critical for Neointima Formation in Mouse Carotid Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1852-1861.	2.4	13
58	Dynamics of GÎ±q-proteinâ€“p63RhoGEF interaction and its regulation by RGS2. Biochemical Journal, 2014, 458, 131-140.	3.7	9
59	<scp>RGS</scp>5 promotes arterial growth during arteriogenesis. EMBO Molecular Medicine, 2014, 6, 1075-1089.	6.9	41
60	Alignment-Annotator web server: rendering and annotating sequence alignments. Nucleic Acids Research, 2014, 42, W3-W6.	14.5	56
61	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13499-13504.	7.1	30
62	Dopamine and Lipophilic Derivates Protect Cardiomyocytes against Cold Preservation Injury. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 77-85.	2.5	23
63	Nucleoside Diphosphate Kinase B Regulates Angiogenesis Through Modulation of Vascular Endothelial Growth Factor Receptor Type 2 and Endothelial Adherens Junction Proteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2292-2300.	2.4	25
64	Competition for GÎ²Î³ dimers mediates a specific cross-talk between stimulatory and inhibitory G protein Î± subunits of the adenylyl cyclase in cardiomyocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 459-469.	3.0	10
65	The activation of RhoC in vascular endothelial cells is required for the S1P receptor type 2-induced inhibition of angiogenesis. Cellular Signalling, 2013, 25, 2478-2484.	3.6	21
66	RhoGEF17, a Rho-specific guanine nucleotide exchange factor activated by phosphorylation via cyclic GMP-dependent kinase Iα. Cellular Signalling, 2013, 25, 630-638.	3.6	12
67	Pasteurella Multocida Toxin Prevents Osteoblast Differentiation by Transactivation of the MAP-Kinase Cascade via the GÎ±q/11 - p63RhoGEF - RhoA Axis. PLoS Pathogens, 2013, 9, e1003385.	4.7	26
68	Atrial Natriuretic Peptideâ€“Mediated Inhibition of Microcirculatory Endothelial Ca²⁺and Permeability Response to Histamine Involves cGMP-Dependent Protein Kinase I and TRPC6 Channels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2121-2129.	2.4	39
69	NSC23766, a Widely Used Inhibitor of Rac1 Activation, Additionally Acts as a Competitive Antagonist at Muscarinic Acetylcholine Receptors. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 69-79.	2.5	75
70	Alterations in cardiac DNA methylation in human dilated cardiomyopathy. EMBO Molecular Medicine, 2013, 5, 413-429.	6.9	210
71	Enhanced Sarcoplasmic Reticulum Ca ²⁺ Leak and Increased Na ⁺ -Ca ²⁺ Exchanger Function Underlie Delayed Afterdepolarizations in Patients With Chronic Atrial Fibrillation. Circulation, 2012, 125, 2059-2070.	1.6	523
72	Role of RyR2 Phosphorylation at S2814 During Heart Failure Progression. Circulation Research, 2012, 110, 1474-1483.	4.5	187

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73	Srgap3 ^{â€“/â€“} mice present a neurodevelopmental disorder with schizophreniaâ€related intermediate phenotypes. FASEB Journal, 2012, 26, 4418-4428.	0.5	51
74	Highly Invasive Melanoma Cells Activate the Vascular Endothelium via an MMP-2/Integrin Î±vÎ²5â€“Induced Secretion of VEGF-A. American Journal of Pathology, 2012, 181, 693-705.	3.8	52
75	Palmitoylation and Membrane Association of the Stress Axis Regulated Insert (STREX) Controls BK Channel Regulation by Protein Kinase C*. Journal of Biological Chemistry, 2012, 287, 32161-32171.	3.4	46
76	A novel player in cellular hypertrophy: GiÎ²Î³/PI3K-dependent activation of the RacGEF TIAM-1 is required for Î±1-adrenoceptor induced hypertrophy in neonatal rat cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2012, 53, 165-175.	1.9	25
77	Î²-Adrenergic receptor stimulation causes cardiac hypertrophy via a GÎ²Î³/Erk-dependent pathway. Cardiovascular Research, 2012, 96, 255-264.	3.8	62
78	LARG links histamine-H1-receptor-activated Gq to Rho-GTPase-dependent signaling pathways. Cellular Signalling, 2012, 24, 652-663.	3.6	18
79	Angiotensin II modulates VEGF-driven angiogenesis by opposing effects of type 1 and type 2 receptor stimulation in the microvascular endothelium. Cellular Signalling, 2012, 24, 1261-1269.	3.6	73
80	Angiopoietin-2 differentially regulates angiogenesis through TIE2 and integrin signaling. Journal of Clinical Investigation, 2012, 122, 1991-2005.	8.2	376
81	Through scaffolding and catalytic actions nucleoside diphosphate kinase B differentially regulates basal and Î²-adrenoceptor-stimulated cAMP synthesis. Cellular Signalling, 2011, 23, 579-585.	3.6	23
82	Nucleoside diphosphate kinase B is required for the formation of heterotrimeric G protein containing caveolae. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 461-472.	3.0	21
83	A critical evaluation of biochemical activities reported for the nucleoside diphosphate kinase/Nm23/Awd family proteins: opportunities and missteps in understanding their biological functions. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 331-339.	3.0	37
84	GÎ±q allosterically activates and relieves autoinhibition of p63RhoGEF. Cellular Signalling, 2010, 22, 1114-1123.	3.6	48
85	p63RhoGEFâ€”a key mediator of angiotensin II-dependent signaling and processes in vascular smooth muscle cells. FASEB Journal, 2010, 24, 4865-4876.	0.5	61
86	Dual role of protein kinase C on BK channel regulation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8005-8010.	7.1	98
87	Reversible Histidine Phosphorylation in Mammalian Cells. Methods in Enzymology, 2010, 471, 379-402.	1.0	20
88	p63RhoGEFâ€”a key mediator of angiotensin IIâ€dependent signaling and processes in vascular smooth muscle cells. FASEB Journal, 2010, 24, 4865-4876.	0.5	7
89	The interaction of nucleoside diphosphate kinase B with GÎ²Î³ dimers controls heterotrimeric G protein function. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16269-16274.	7.1	72
90	Inhibition of Rho-dependent kinases ROCK I/II activates VEGF-driven retinal neovascularization and sprouting angiogenesis. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H893-H899.	3.2	75

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91	Anaphylactic shock depends on endothelial Gq/G11. Journal of Experimental Medicine, 2009, 206, 411-420.	8.5	94
92	How reliable are G-protein-coupled receptor antibodies?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 385-388.	3.0	264
93	The natriuretic peptide/guanylyl cyclaseâ€"A system functions as a stress-responsive regulator of angiogenesis in mice. Journal of Clinical Investigation, 2009, 119, 2019-2030.	8.2	95
94	Sphingosine-1-phosphate and endothelin-1 induce the expression of rgs16 protein in cardiac myocytes by transcriptional activation of the rgs16 gene. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 376, 363-373.	3.0	16
95	Constitutive serum response factor activation by the viral chemokine receptor homologue pUS28 is differentially regulated by GÎ±q/11 and GÎ±16. Cellular Signalling, 2008, 20, 1528-1537.	3.6	39
96	Reduced viability of neuronal cells after overexpression of protein histidine phosphatase. Neurochemistry International, 2008, 53, 132-136.	3.8	22
97	Molecular architecture of GÎ± _o and the structural basis for RGS16-mediated deactivation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6243-6248.	7.1	53
98	M2 Muscarinic Receptors Induce Airway Smooth Muscle Activation via a Dual, GÎ²Î³-mediated Inhibition of Large Conductance Ca2+-activated K+ Channel Activity. Journal of Biological Chemistry, 2008, 283, 21036-21044.	3.4	35
99	Structure of GÎ± _q -p63RhoGEF-RhoA Complex Reveals a Pathway for the Activation of RhoA by GPCRs. Science, 2007, 318, 1923-1927.	12.6	206
100	Protein Kinase D Selectively Targets Cardiac Troponin I and Regulates Myofilament Ca 2+ Sensitivity in Ventricular Myocytes. Circulation Research, 2007, 100, 864-873.	4.5	97
101	The BTB-Kelch Protein KLEIP Controls Endothelial Migration and Sprouting Angiogenesis. Circulation Research, 2007, 100, 1155-1163.	4.5	29
102	Trioâ€™s Rho-specific GEF domain is the missing GÎ±_q effector in C. elegans. Genes and Development, 2007, 21, 2731-2746.	5.9	84
103	Regulation of Cardiac cAMP Synthesis and Contractility by Nucleoside Diphosphate Kinase B/G Protein Î²Î³ Dimer Complexes. Circulation Research, 2007, 100, 1191-1199.	4.5	67
104	Oxytocin Receptors Differentially Signal via Gq and Gi Proteins in Pregnant and Nonpregnant Rat Uterine Myocytes: Implications for Myometrial Contractility. Molecular Endocrinology, 2007, 21, 740-752.	3.7	46
105	Reduced expression of Rho guanine nucleotide dissociation inhibitor-Î± modulates the cytotoxic effect of busulfan in HEK293 cells. Anti-Cancer Drugs, 2007, 18, 333-340.	1.4	8
106	Regulators of G protein signalling: a spotlight on emerging functions in the cardiovascular system. Current Opinion in Pharmacology, 2007, 7, 201-207.	3.5	62
107	Direct stimulation of receptor-controlled phospholipase D1 by phospho-cofilin. EMBO Journal, 2007, 26, 4189-4202.	7.8	91
108	Regulator of G-protein signalling 3 redirects prototypical Gi-coupled receptors from Rac1 to RhoA activation. Cellular Signalling, 2007, 19, 1229-1237.	3.6	26

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109	Interaction of nucleoside diphosphate kinase B with heterotrimeric G protein Î²Î³ dimers: consequences on G protein activation and stability. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 374, 373-383.	3.0	47
110	High energy phosphate transfer by NDPK B/GÎ²Î³complexes - an alternative signaling pathway involved in the regulation of basal cAMP production. Journal of Bioenergetics and Biomembranes, 2006, 38, 197-203.	2.3	15
111	Role of the monomeric GTPase Rho in hematopoietic progenitor cell migration and transplantation. European Journal of Immunology, 2006, 36, 180-189.	2.9	13
112	Specificity and Diversity in G i/o -Mediated Signaling. Circulation Research, 2006, 98, 585-586.	4.5	1
113	Atorvastatin desensitizes Î²â€adrenergic signaling in cardiac myocytes via reduced isoprenylation of Gâ€protein Î³â€subunits. FASEB Journal, 2006, 20, 785-787.	0.5	56
114	Regulation of the extracellular signal-regulated kinase pathway in adult myocardium: differential roles of Gq/11, Gi and G12/13 proteins in signalling by Î±1-adrenergic, endothelin-1 and thrombin-sensitive protease-activated receptors. Cellular Signalling, 2005, 17, 655-664.	3.6	66
115	The Guanine Nucleotide Exchange Factor p63RhoGEF, a Specific Link between Gq/11-coupled Receptor Signaling and RhoA. Journal of Biological Chemistry, 2005, 280, 11134-11139.	3.4	175
116	Can a GDP-Liganded G-Protein Be Active?: Fig. 1.. Molecular Pharmacology, 2005, 68, 559-562.	2.3	6
117	The Î²-subunit of G proteins is a substrate of protein histidine phosphatase. Biochemical and Biophysical Research Communications, 2005, 334, 1115-1120.	2.1	64
118	GrinchGEFâ€"A novel Rho-specific guanine nucleotide exchange factor. Biochemical and Biophysical Research Communications, 2005, 335, 1280-1286.	2.1	18
119	Receptor and Binding Studies. , 2005, , 723-783.		11
120	Nucleoside Diphosphate Kinaseâ€"Mediated Activation of Heterotrimeric G Proteins. Methods in Enzymology, 2004, 390, 403-418.	1.0	21
121	p63RhoGEF and GEFT are Rho-specific guanine nucleotide exchange factors encoded by the same gene. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 540-546.	3.0	46
122	Interleukin-1? mediates endotoxin- and tumor necrosis factor ?-induced RGS16 protein expression in cultured cardiac myocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 368, 360-365.	3.0	19
123	Regulators of G-protein signalling: multifunctional proteins with impact on signalling in the cardiovascular system. , 2003, 97, 95-115.		115
124	Differential coupling of m-cholinoceptors to Gi/Go-proteins in failing human myocardium. Journal of Molecular and Cellular Cardiology, 2003, 35, 1241-1249.	1.9	15
125	Activation of Heterotrimeric G Proteins by a High Energy Phosphate Transfer via Nucleoside Diphosphate Kinase (NDPK) B and GÎ² Subunits. Journal of Biological Chemistry, 2003, 278, 7227-7233.	3.4	84
126	Activation of Heterotrimeric G Proteins by a High Energy Phosphate Transfer via Nucleoside Diphosphate Kinase (NDPK) B and GÎ² Subunits. Journal of Biological Chemistry, 2003, 278, 7220-7226.	3.4	118

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127	Angiotensin II Type 2 Receptor Inhibits Vascular Endothelial Growth Factorâ€"Induced Migration and In Vitro Tube Formation of Human Endothelial Cells. Circulation Research, 2003, 93, 438-447.	4.5	120
128	Melatonin Receptor Signaling in Pregnant and Nonpregnant Rat Uterine Myocytes as Probed by Large Conductance Ca2+-Activated K+ Channel Activity. Molecular Endocrinology, 2003, 17, 2103-2115.	3.7	43
129	Endotoxin induces desensitization of cardiac endothelin-1 receptor signaling by increased expression of RGS4 and RGS16. Cardiovascular Research, 2002, 53, 156-164.	3.8	28
130	A mammalian Rho-specific guanine-nucleotide exchange factor (p164-RhoGEF) without a pleckstrin homology domain. Biochemical Journal, 2002, 366, 721-728.	3.7	30
131	Distinct Signaling Pathways Mediate Cardiomyocyte Phospholipase D Stimulation by Endothelin-1 and Thrombin. Journal of Molecular and Cellular Cardiology, 2002, 34, 441-453.	1.9	24
132	Expression of ten RGS proteins in human myocardium: functional characterization of an upregulation of RGS4 in heart failure. Cardiovascular Research, 2002, 55, 778-786.	3.8	101
133	G-protein Î²Î³-subunits contribute to the coupling specificity of the Î² 2 -adrenergic receptor to G s. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 231-241.	3.0	17
134	Signalling components involved in the coupling of Î± 1 -adrenoceptors to phospholipase D in neonatal rat cardiac myocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 468-476.	3.0	11
135	The M3 Muscarinic Acetylcholine Receptor Expressed in HEK-293 Cells Signals to Phospholipase D via G12 but Not Gq-type G Proteins. Journal of Biological Chemistry, 2001, 276, 2474-2479.	3.4	77
136	Pregnancy switches adrenergic signal transduction in rat and human uterine myocytes as probed by BK Ca channel activity. Journal of Physiology, 2000, 524, 339-352.	2.9	36
137	Apparent upâ€regulation of stimulatory Gâ€protein Î± subunits in the pregnant human myometrium is mimicked by elevated smoothelin expression 1. FASEB Journal, 2000, 14, 17-26.	0.5	27
138	Cell Cycle-dependent Coupling of the Vasopressin V1a Receptor to Different G Proteins. Journal of Biological Chemistry, 2000, 275, 32543-32551.	3.4	30
139	Polarity Exchange at the Interface of Regulators of G Protein Signaling with G Protein Î±-Subunits. Journal of Biological Chemistry, 2000, 275, 28500-28506.	3.4	20
140	The Retinal Specific Protein RGS-r Competes with the Î³ Subunit of cGMP Phosphodiesterase for the Î± Subunit of Transducin and Facilitates Signal Termination. Journal of Biological Chemistry, 1997, 272, 8853-8856.	3.4	41
141	The Ca2+-dependent Binding of Calmodulin to an N-terminal Motif of the Heterotrimeric G Protein Î² Subunit. Journal of Biological Chemistry, 1997, 272, 18801-18807.	3.4	44
142	Identification of G protein-coupled receptors potently stimulating migration of human transitional-cell carcinoma cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 356, 769-776.	3.0	35
143	Heterotrimeric Guanine Nucleotide Binding Proteins: Structure and Function. , 1997, , 1-24.		0
144	Cytoskeletal inhibitors impair Ca2+ elevations via neuropeptide Y and other Gi-coupled receptors. European Journal of Pharmacology, 1996, 309, 87-94.	3.5	0

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145	Species- and tissue-dependent diversity of G-protein Î² subunit phosphorylation: evidence for a cofactor. Biochemical Journal, 1996, 318, 717-722.	3.7	37
146	Translocation of Microfilament-Associated Inhibitory guanine-nucleotide-binding Proteins to the Plasma Membrane in Myeloid Differentiated Human Leukemia (HL-60) Cells. FEBS Journal, 1996, 235, 670-676.	0.2	11
147	Receptor-Induced Translocation of Activated Guanine-Nucleotide-Binding Protein alphai Subunits to the Cytoskeleton in Myeloid Differentiated Human Leukemia (HL-60) Cells. FEBS Journal, 1996, 239, 752-758.	0.2	10
148	Analysis of receptor-G protein interactions in permeabilized cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 351, 329-336.	3.0	34
149	Rapid and Persistent Desensitization of m3 Muscarinic Acetylcholine Receptor-stimulated Phospholipase D. Journal of Biological Chemistry, 1995, 270, 19949-19956.	3.4	38
150	G Protein Regulation of the Na+/H+ Antiporter in Xenopus laevis Oocytes. Journal of Biological Chemistry, 1995, 270, 17898-17901.	3.4	23
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