David Peter Siderovski

List of Publications by Year
in descending order

169 papers	20,055 citations	16451 64 h-index	10445 139 g-index
179 all docs	179 docs citations	179 times ranked	19856 citing authors

#	Article	IF	Citations
1	Self-activating G protein Î± subunits engage seven-transmembrane regulator of G protein signaling (RGS) proteins and a Rho guanine nucleotide exchange factor effector in the amoeba Naegleria fowleri. Journal of Biological Chemistry, 2022, 298, 102167.	3.4	1
2	Potential for Kappa-Opioid Receptor Agonists to Engineer Nonaddictive Analgesics: A Narrative Review. Anesthesia and Analgesia, 2021, 132, 406-419.	2.2	15
3	The stability of tastant detection by mouse lingual chemosensory tissue requires Regulator of G protein Signaling-21 (RGS21). Chemical Senses, 2021, 46, .	2.0	2
4	Genetic deletion of<i>Rgs12</i>in mice affects serotonin transporter expression and function<i>in vivo</i>and<i>ex vivo</i>. Journal of Psychopharmacology, 2020, 34, 1393-1407.	4.0	2
5	The Biased Kappa Opioid Receptor Agonist Nalfurafine Reduces the Reinforcing Properties of Oxycodone and Enhances Oxycodoneâ€Induced Spinal Antiâ€Nociception. FASEB Journal, 2020, 34, 1-1.	0.5	0
6	A role for Regulator of G protein Signaling-12 (RGS12) in the balance between myoblast proliferation and differentiation. PLoS ONE, 2019, 14, e0216167.	2.5	10
7	Single Nucleotide Polymorphisms in Chemosensory Pathway Genes GNB3, TAS2R19, and TAS2R38 Are Associated with Chronic Rhinosinusitis. International Archives of Allergy and Immunology, 2019, 180, 72-78.	2.1	25
8	Role of RGS12 in the differential regulation of kappa opioid receptor-dependent signaling and behavior. Neuropsychopharmacology, 2019, 44, 1728-1741.	5.4	15
9	Preclinical Testing of Nalfurafine as an Opioid-sparing Adjuvant that Potentiates Analgesia by the Mu Opioid Receptor-targeting Agonist Morphine. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 487-499.	2.5	35
10	Chemerin-activated functions of CMKLR1 are regulated by G protein-coupled receptor kinase 6 (GRK6) and Î²-arrestin 2 in inflammatory macrophages. Molecular Immunology, 2019, 106, 12-21.	2.2	17
11	Four single nucleotide polymorphisms in genes involved in neuronal signaling are associated with opioid use disorder in West Virginia. Journal of Opioid Management, 2019, 15, 103-109.	0.5	4
12	Regulator of G protein signaling-12 modulates the dopamine transporter in ventral striatum and locomotor responses to psychostimulants. Journal of Psychopharmacology, 2018, 32, 191-203.	4.0	15
13	Development of Full Sweet, Umami, and Bitter Taste Responsiveness Requires Regulator of G protein Signaling-21 (RGS21). Chemical Senses, 2018, 43, 367-378.	2.0	7
14	Novel behavioral assays of spontaneous and precipitated THC withdrawal in mice. Drug and Alcohol Dependence, 2018, 191, 14-24.	3.2	26
15	RGS Protein Family. , 2018, , 4657-4663.		0
16	Protective Roles for RGS2 in a Mouse Model of House Dust Mite-Induced Airway Inflammation. PLoS ONE, 2017, 12, e0170269.	2.5	24
17	Genetic variations in GPSM3 associated with protection from rheumatoid arthritis affect its transcript abundance. Genes and Immunity, 2016, 17, 139-147.	4.1	7
18	Reduction of GPSM3 expression akin to the arthritis-protective SNP rs204989 differentially affects migration in a neutrophil model. Genes and Immunity, 2016, 17, 321-327.	4.1	5

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19	Modulating platelet reactivity through control of RGS18 availability. Blood, 2015, 126, 2611-2620.	1.4	23
20	<i>Entamoeba histolytica</i> RacC Selectively Engages p21-Activated Kinase Effectors. Biochemistry, 2015, 54, 404-412.	2.5	8
21	A Non-Canonical Function of GÎ² as a Subunit of E3 Ligase in Targeting GRK2ÂUbiquitylation. Molecular Cell, 2015, 58, 794-803.	9.7	30
22	GPSM3 as a Therapeutic Target for Rheumatoid Arthritis. FASEB Journal, 2015, 29, .	0.5	0
23	Exome Sequencing in 53 Sporadic Cases of Schizophrenia Identifies 18 Putative Candidate Genes. PLoS ONE, 2014, 9, e112745.	2.5	79
24	Regulation of Protease-activated Receptor 1 Signaling by the Adaptor Protein Complex 2 and R4 Subfamily of Regulator of G Protein Signaling Proteins. Journal of Biological Chemistry, 2014, 289, 1580-1591.	3.4	13
25	G Protein Signaling Modulator-3 Inhibits the Inflammasome Activity of NLRP3. Journal of Biological Chemistry, 2014, 289, 33245-33257.	3.4	29
26	RGS21, a regulator of taste and mucociliary clearance?. Laryngoscope, 2014, 124, E56-63.	2.0	7
27	Induction of Regulator of G-Protein Signaling 2 Expression by Long-Acting <i>Î²</i>₂-Adrenoceptor Agonists and Glucocorticoids in Human Airway Epithelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 12-24.	2.5	40
28	G protein signaling modulator-3: a leukocyte regulator of inflammation in health and disease. American Journal of Clinical and Experimental Immunology, 2014, 3, 97-106.	0.2	13
29	Structural Determinants of RGS-RhoGEF Signaling Critical to Entamoeba histolytica Pathogenesis. Structure, 2013, 21, 65-75.	3.3	7
30	G-protein signaling modulator-3, a gene linked to autoimmune diseases, regulates monocyte function and its deficiency protects from inflammatory arthritis. Molecular Immunology, 2013, 54, 193-198.	2.2	24
31	Structural Determinants of Ubiquitin Conjugation in Entamoeba histolytica. Journal of Biological Chemistry, 2013, 288, 2290-2302.	3.4	14
32	G protein-coupled receptor kinase-3-deficient mice exhibit WHIM syndrome features and attenuated inflammatory responses. Journal of Leukocyte Biology, 2013, 94, 1243-1251.	3.3	24
33	G protein signaling in the parasite Entamoeba histolytica. Experimental and Molecular Medicine, 2013, 45, e15-e15.	7.7	52
34	Inhibition of Dopamine Transporter Activity by G Protein Î²Î³ Subunits. PLoS ONE, 2013, 8, e59788.	2.5	31
35	A P-loop Mutation in GÎ± Subunits Prevents Transition to the Active State: Implications for G-protein Signaling in Fungal Pathogenesis. PLoS Pathogens, 2012, 8, e1002553.	4.7	32
36	Heterotrimeric G-protein Signaling Is Critical to Pathogenic Processes in Entamoeba histolytica. PLoS Pathogens, 2012, 8, e1003040.	4.7	25

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37	G-protein Signaling Modulator-3 Regulates Heterotrimeric G-protein Dynamics through Dual Association with GÎ² and GÎ±i Protein Subunits. Journal of Biological Chemistry, 2012, 287, 4863-4874.	3.4	15
38	Regulator of G-protein Signaling-21 (RGS21) Is an Inhibitor of Bitter Gustatory Signaling Found in Lingual and Airway Epithelia. Journal of Biological Chemistry, 2012, 287, 41706-41719.	3.4	28
39	Regulation of the Subcellular Localization of the G-protein Subunit Regulator GPSM3 through Direct Association with 14-3-3 Protein. Journal of Biological Chemistry, 2012, 287, 31270-31279.	3.4	8
40	<i>Entamoeba histolytica</i> Rho1 Regulates Actin Polymerization through a Divergent, Diaphanous-Related Formin. Biochemistry, 2012, 51, 8791-8801.	2.5	16
41	The Mitochondrial Proteins NLRX1 and TUFM Form a Complex that Regulates Type I Interferon and Autophagy. Immunity, 2012, 36, 933-946.	14.3	241
42	Evaluating Modulators of â€œRegulator of G-protein Signalingâ€• (RGS) Proteins. Current Protocols in Pharmacology, 2012, 56, 2.8.1-2.8.15.	4.0	8
43	Computational Design of the Sequence and Structure of a Protein-Binding Peptide. Journal of the American Chemical Society, 2011, 133, 4190-4192.	13.7	44
44	Regulators of G-Protein Signaling and Their GÎ± Substrates: Promises and Challenges in Their Use as Drug Discovery Targets. Pharmacological Reviews, 2011, 63, 728-749.	16.0	205
45	Structural Determinants of Affinity Enhancement between GoLoco Motifs and G-Protein Î± Subunit Mutants. Journal of Biological Chemistry, 2011, 286, 3351-3358.	3.4	17
46	Unique Structural and Nucleotide Exchange Features of the Rho1 GTPase of Entamoeba histolytica. Journal of Biological Chemistry, 2011, 286, 39236-39246.	3.4	16
47	Î² ₂ -Adrenoceptor agonist-induced RGS2 expression is a genomic mechanism of bronchoprotection that is enhanced by glucocorticoids. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19713-19718.	7.1	76
48	Integrating energy calculations with functional assays to decipher the specificity of G proteinâ€“RGS protein interactions. Nature Structural and Molecular Biology, 2011, 18, 846-853.	8.2	41
49	LGN regulates mitotic spindle orientation during epithelial morphogenesis. Journal of Cell Biology, 2010, 189, 275-288.	5.2	165
50	The Superfamily of â€œRegulator of G-Protein Signalingâ€• (RGS) Proteins. , 2010, , 1683-1703.		0
51	Regulators of G-protein Signaling accelerate GPCR signaling kinetics and govern sensitivity solely by accelerating GTPase activity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7066-7071.	7.1	89
52	PB1 Domain Interaction of p62/Sequestosome 1 and MEKK3 Regulates NF-ÎºB Activation. Journal of Biological Chemistry, 2010, 285, 2077-2089.	3.4	107
53	RNA interference screen for RGS protein specificity at muscarinic and protease-activated receptors reveals bidirectional modulation of signaling. American Journal of Physiology - Cell Physiology, 2010, 299, C654-C664.	4.6	14
54	High-Affinity Immobilization of Proteins Using Biotin- and GST-Based Coupling Strategies. Methods in Molecular Biology, 2010, 627, 75-90.	0.9	50

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55	A Capture Coupling Method for the Covalent Immobilization of Hexahistidine Tagged Proteins for Surface Plasmon Resonance. Methods in Molecular Biology, 2010, 627, 91-100.	0.9	42
56	A Homogeneous Method to Measure Nucleotide Exchange by Î±-Subunits of Heterotrimeric G-Proteins Using Fluorescence Polarization. Assay and Drug Development Technologies, 2010, 8, 621-624.	1.2	1
57	Structural Determinants of G-protein Î± Subunit Selectivity by Regulator of G-protein Signaling 2 (RGS2). Journal of Biological Chemistry, 2009, 284, 19402-19411.	3.4	62
58	Two GÎ± i1 Rate-Modifying Mutations Act in Concert to Allow Receptor-Independent, Steady-State Measurements of RGS Protein Activity. Journal of Biomolecular Screening, 2009, 14, 1195-1206.	2.6	30
59	Helix Dipole Movement and Conformational Variability Contribute to Allosteric GDP Release in GÎ±i Subunits,. Biochemistry, 2009, 48, 2630-2642.	2.5	21
60	Regulator of G protein signaling 2 mediates cardiac compensation to pressure overload and antihypertrophic effects of PDE5 inhibition in mice. Journal of Clinical Investigation, 2009, 119, 408-20.	8.2	171
61	Regulator of G-Protein Signaling 14 (RGS14) Is a Selective H-Ras Effector. PLoS ONE, 2009, 4, e4884.	2.5	40
62	Crystal structure of the multifunctional GÎ²5â€"RGS9 complex. Nature Structural and Molecular Biology, 2008, 15, 155-162.	8.2	97
63	Structural Determinants Underlying the Temperature-sensitive Nature of a GÎ± Mutant in Asymmetric Cell Division of Caenorhabditis elegans. Journal of Biological Chemistry, 2008, 283, 21550-21558.	3.4	15
64	Structural diversity in the RGS domain and its interaction with heterotrimeric G protein Î±-subunits. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6457-6462.	7.1	174
65	A Point Mutation to GÎ±i Selectively Blocks GoLoco Motif Binding. Journal of Biological Chemistry, 2008, 283, 36698-36710.	3.4	41
66	A sweet cycle for Arabidopsis G-proteins. Plant Signaling and Behavior, 2008, 3, 1067-1076.	2.4	22
67	Meet The Guest Editors. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 468-468.	1.1	0
68	A High Throughput Fluorescence Polarization Assay for Inhibitors of the GoLoco Motif/G-alpha Interaction. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 396-409.	1.1	28
69	State-Selective Binding Peptides for Heterotrimeric G-Protein Subunits:Novel Tools for Investigating G-Protein Signaling Dynamics. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 370-381.	1.1	12
70	Editorial [Hot Topic: GPCR High Throughput Screening (Part 1) (Guest Editors: David P. Siderovski and) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	0
71	Structural studies of RGS9/GÎ²5. FASEB Journal, 2008, 22, 539.2.	0.5	0
72	GTPase acceleration as the rate-limiting step in <i>Arabidopsis</i> G protein-coupled sugar signaling. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17317-17322.	7.1	195

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73	Structural basis for nucleotide exchange on GÂi subunits and receptor coupling specificity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2001-2006.	7.1	41
74	Comment on "A G Proteinâ€"Coupled Receptor Is a Plasma Membrane Receptor for the Plant Hormone Abscisic Acid". Science, 2007, 318, 914-914.	12.6	85
75	Receptor-Mediated Activation of Heterotrimeric G-Proteins: Current Structural Insights. Molecular Pharmacology, 2007, 72, 219-230.	2.3	123
76	Structure-based Protocol for Identifying Mutations that Enhance Proteinâ€"Protein Binding Affinities. Journal of Molecular Biology, 2007, 371, 1392-1404.	4.2	90
77	The RGS protein inhibitor CCG-4986 is a covalent modifier of the RGS4 GÎ±-interaction face. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1213-1220.	2.3	48
78	Rgs1 regulates multiple GÎ± subunits in Magnaporthe pathogenesis, asexual growth and thigmotropism. EMBO Journal, 2007, 26, 690-700.	7.8	151
79	Selective role for RGS12 as a Ras/Raf/MEK scaffold in nerve growth factor-mediated differentiation. EMBO Journal, 2007, 26, 2029-2040.	7.8	78
80	Differential G-alpha interaction capacities of the GoLoco motifs in Rap GTPase activating proteins. Cellular Signalling, 2007, 19, 428-438.	3.6	19
81	Minimal Determinants for Binding Activated GÎ± from the Structure of a GÎ±i1â^'Peptide Dimerâ€,â€¡. Biochemistry, 2006, 45, 11390-11400.	2.5	42
82	Chronic Olanzapine Treatment Causes Differential Expression of Genes in Frontal Cortex of Rats as Revealed by DNA Microarray Technique. Neuropsychopharmacology, 2006, 31, 1888-1899.	5.4	96
83	The R6A-1 peptide binds to switch II of GÎ±i1 but is not a GDP-dissociation inhibitor. Biochemical and Biophysical Research Communications, 2006, 339, 1107-1112.	2.1	16
84	Covalent immobilization of histidine-tagged proteins for surface plasmon resonance. Analytical Biochemistry, 2006, 353, 147-149.	2.4	30
85	The effect of RGS12 on PDGFÎ² receptor signalling to p42/p44 mitogen activated protein kinase in mammalian cells. Cellular Signalling, 2006, 18, 971-981.	3.6	39
86	G-protein alpha subunit interaction and guanine nucleotide dissociation inhibitor activity of the dual GoLoco motif protein PCP-2 (Purkinje cell protein-2). Cellular Signalling, 2006, 18, 1226-1234.	3.6	22
87	Dynamic Regulation of Mammalian Numb by G Protein-coupled Receptors and Protein Kinase C Activation: Structural Determinants of Numb Association with the Cortical Membrane. Molecular Biology of the Cell, 2006, 17, 4142-4155.	2.1	47
88	Clathrin Adaptor AP2 Regulates Thrombin Receptor Constitutive Internalization and Endothelial Cell Resensitization. Molecular and Cellular Biology, 2006, 26, 3231-3242.	2.3	93
89	Genome-Scale Analysis Reveals Sst2 as the Principal Regulator of Mating Pheromone Signaling in the Yeast Saccharomyces cerevisiae. Eukaryotic Cell, 2006, 5, 330-346.	3.4	60
90	GÎ±12/13- and Rho-Dependent Activation of Phospholipase C-Îµ by Lysophosphatidic Acid and Thrombin Receptors. Molecular Pharmacology, 2006, 69, 2068-2075.	2.3	52

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91	A direct fluorescence-based assay for RGS domain GTPase accelerating activity. Analytical Biochemistry, 2005, 340, 341-351.	2.4	47
92	D2 dopamine receptor activation of potassium channels is selectively decoupled by GÎ±i-specific GoLoco motif peptides. Journal of Neurochemistry, 2005, 92, 1408-1418.	3.9	61
93	Ric-8 controls Drosophila neural progenitor asymmetric division by regulating heterotrimeric G proteins. Nature Cell Biology, 2005, 7, 1091-1098.	10.3	113
94	GÎ± selectivity and inhibitor function of the multiple GoLoco motif protein GPSM2/LGN. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1745, 254-264.	4.1	41
95	Structure of GÎ±i1 Bound to a GDP-Selective Peptide Provides Insight into Guanine Nucleotide Exchange. Structure, 2005, 13, 1069-1080.	3.3	74
96	Differential expression of regulator of G-protein signaling R12 subfamily members during mouse development. Developmental Dynamics, 2005, 234, 438-444.	1.8	14
97	G-protein signaling: back to the future. Cellular and Molecular Life Sciences, 2005, 62, 551-577.	5.4	416
98	The GAPs, GEFs, and GDIs of heterotrimeric G-protein alpha subunits. International Journal of Biological Sciences, 2005, 1, 51-66.	6.4	369
99	Cortical localization of the GÎ± protein GPA-16 requires RIC-8 function during C. elegans asymmetric cell division. Development (Cambridge), 2005, 132, 4449-4459.	2.5	78
100	RGS12 Interacts with the SNARE-binding Region of the Cav2.2 Calcium Channel. Journal of Biological Chemistry, 2005, 280, 1521-1528.	3.4	41
101	RGS14 is a Microtubule-Associated Protein. Cell Cycle, 2005, 4, 953-960.	2.6	33
102	Structural and Evolutionary Division of Phosphotyrosine Binding (PTB) Domains. Journal of Molecular Biology, 2005, 345, 1-20.	4.2	225
103	A bifunctional GÎ±i/GÎ±smodulatory peptide that attenuates adenylyl cyclase activity. FEBS Letters, 2005, 579, 5746-5750.	2.8	19
104	Mammalian Inscuteable Regulates Spindle Orientation and Cell Fate in the Developing Retina. Neuron, 2005, 48, 539-545.	8.1	123
105	Fluorescence-Based Assays for RGS Box Function. Methods in Enzymology, 2004, 389, 56-71.	1.0	19
106	Purification and In Vitro Functional Analysis of the Arabidopsis thaliana Regulator of G-Protein Signaling-1. Methods in Enzymology, 2004, 389, 320-338.	1.0	33
107	Analysis of Interactions between Regulator of G-Protein Signaling-14 and Microtubules. Methods in Enzymology, 2004, 390, 240-258.	1.0	4
108	Purification and In Vitro Functional Analyses of RGS12 and RGS14 GoLoco Motif Peptides. Methods in Enzymology, 2004, 390, 419-436.	1.0	10

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109	Return of the GDI: The GoLoco Motif in Cell Division. Annual Review of Biochemistry, 2004, 73, 925-951.	11.1	197
110	Application of RGS Box Proteins to Evaluate G-Protein Selectivity in Receptor-Promoted Signaling. Methods in Enzymology, 2004, 389, 71-88.	1.0	26
111	RIC-8 Is Required for GPR-1/2-Dependent GÎ± Function during Asymmetric Division of C. elegans Embryos. Cell, 2004, 119, 219-230.	28.9	186
112	RGS14 Is a Mitotic Spindle Protein Essential from the First Division of the Mammalian Zygote. Developmental Cell, 2004, 7, 763-769.	7.0	59
113	Guanine nucleotide dissociation inhibitor activity of the triple GoLoco motif protein G18: alanine-to-aspartate mutation restores function to an inactive second GoLoco motif. Biochemical Journal, 2004, 378, 801-808.	3.7	61
114	The GÂÂ DIMER as a NOVEL SOURCE of SELECTIVITY in G-Protein Signaling: GGL-ing AT CONVENTION. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2004, 4, 200-214.	3.4	46
115	Role of the pleckstrin homology domain in intersectin-L Dbl homology domain activation of Cdc42 and signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2003, 1640, 61-68.	4.1	18
116	Regulator of G-protein signaling-2 mediates vascular smooth muscle relaxation and blood pressure. Nature Medicine, 2003, 9, 1506-1512.	30.7	360
117	A Seven-Transmembrane RGS Protein That Modulates Plant Cell Proliferation. Science, 2003, 301, 1728-1731.	12.6	300
118	Translation of Polarity Cues into Asymmetric Spindle Positioning in Caenorhabditis elegans Embryos. Science, 2003, 300, 1957-1961.	12.6	277
119	The RGS Protein Superfamily. , 2003, , 631-638.		3
120	Established and Emerging Fluorescence-Based Assays for G-Protein Function: Heterotrimeric G-Protein Alpha Subunits and Regulator of G-Protein Signaling (RGS) Proteins. Combinatorial Chemistry and High Throughput Screening, 2003, 6, 399-407.	1.1	29
121	Established and Emerging Fluorescence-Based Assays for G-Protein Function: Ras-Superfamily GTPases. Combinatorial Chemistry and High Throughput Screening, 2003, 6, 409-418.	1.1	36
122	Receptor-selective Effects of Endogenous RGS3 and RGS5 to Regulate Mitogen-activated Protein Kinase Activation in Rat Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2002, 277, 24949-24958.	3.4	115
123	Leukemia-Associated Rho Guanine Nucleotide Exchange Factor Promotes GÎ±q-Coupled Activation of RhoA. Molecular and Cellular Biology, 2002, 22, 4053-4061.	2.3	165
124	Assays of Complex Formation between RGS Protein GÎ³ Subunit-like Domains and GÎ² Subunits. Methods in Enzymology, 2002, 344, 702-723.	1.0	7
125	Molecular Cloning of Regulators of G-Protein Signaling Family Members and Characterization of Binding Specificity of RGS 12 PDZ Domain. Methods in Enzymology, 2002, 344, 740-761.	1.0	26
126	Structural determinants for GoLoco-induced inhibition of nucleotide release by GÎ± subunits. Nature, 2002, 416, 878-881.	27.8	252

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127	Tiam1 mediates Ras activation of Rac by a PI(3)K-independent mechanism. Nature Cell Biology, 2002, 4, 621-625.	10.3	288
128	Regulators of G-Protein signalling as new central nervous system drug targets. Nature Reviews Drug Discovery, 2002, 1, 187-197.	46.4	351
129	Structural basis for the selective activation of Rho GTPases by Dbl exchange factors. Nature Structural Biology, 2002, 9, 468-475.	9.7	190
130	A crystallographic view of interactions between Dbs and Cdc42: PH domain-assisted guanine nucleotide exchange. EMBO Journal, 2002, 21, 1315-1326.	7.8	198
131	The GoLoco Motif: Heralding a New Tango Between G Protein Signaling and Cell Division. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2002, 2, 88-100.	3.4	34
132	Activation of Phospholipase C-Îµ by Heterotrimeric G Protein Î²Î³-Subunits. Journal of Biological Chemistry, 2001, 276, 48257-48261.	3.4	90
133	Functional relevance of the disulfide-linked complex of the N-terminal PDZ domain of InaD with NorpA. EMBO Journal, 2001, 20, 4414-4422.	7.8	49
134	GÎ³-like (ggl) domains: new frontiers in g-protein signaling and Î²-propeller scaffolding22Abbreviations: DEP, dishevelled/EGL-10/pleckstrin-related domain; DH, dbl-homology domain; GAP, guanosine triphosphatase-activating protein; GEF, guanine nucleotide exchange factor; GGL, G-gamma-like; GIRK, G-protein-gated inwardly rectifying potassium channel; GPCR, G-protein-coupled receptor; G protein, guanine nucleotide binding protein; GTPase, guanosine triphosphatase; mAChR, muscarinic acetylcholine receptor; MAPK. Biochemical Pharmacology, 2001, 61, 1329-1337.	4.4	117
135	GÎ²Î³ Isoforms Selectively Rescue Plasma Membrane Localization and Palmitoylation of Mutant GÎ±s and GÎ±q. Journal of Biological Chemistry, 2001, 276, 23945-23953.	3.4	73
136	Quantitative Analysis of the Effect of Phosphoinositide Interactions on the Function of Dbl Family Proteins. Journal of Biological Chemistry, 2001, 276, 45868-45875.	3.4	83
137	GÎ² Association and Effector Interaction Selectivities of the Divergent GÎ³ Subunit GÎ³13. Journal of Biological Chemistry, 2001, 276, 49267-49274.	3.4	36
138	RGS12 and RGS14 GoLoco Motifs Are GÎ±iInteraction Sites with Guanine Nucleotide Dissociation Inhibitor Activity. Journal of Biological Chemistry, 2001, 276, 29275-29281.	3.4	207
139	The telomerase reverse transcriptase is limiting and necessary for telomerase function in vivo. Current Biology, 2000, 10, 1459-1462.	3.9	232
140	Selective Regulation of N-Type Ca Channels by Different Combinations of G-Protein Î²/Î³ Subunits and RGS Proteins. Journal of Neuroscience, 2000, 20, 7143-7148.	3.6	62
141	Regulation of T cell activation, anxiety, and male aggression by RGS2. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12272-12277.	7.1	264
142	Activator of G protein signaling 3 is a guanine dissociation inhibitor for Galpha i subunits. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 14364-14369.	7.1	161
143	Telomerase-Associated Protein TEP1 Is Not Essential for Telomerase Activity or Telomere Length Maintenance In Vivo. Molecular and Cellular Biology, 2000, 20, 8178-8184.	2.3	69
144	Tyrosine-kinase-dependent recruitment of RGS12 to the N-type calcium channel. Nature, 2000, 408, 723-727.	27.8	142

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145	Telomerase-Associated Protein TEP1 Is Not Essential for Telomerase Activity or Telomere Length Maintenance In Vivo. Molecular and Cellular Biology, 2000, 20, 8178-8184.	2.3	4
146	Fidelity of G protein Â-subunit association by the G protein Â-subunit-like domains of RGS6, RGS7, and RGS11. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6489-6494.	7.1	117
147	Molecular characterization of mitochondrial apoptosis-inducing factor. Nature, 1999, 397, 441-446.	27.8	3,697
148	The GoLoco motif: a GÎ±i/o binding motif and potential guanine-nucleotide exchange factor. Trends in Biochemical Sciences, 1999, 24, 340-341.	7.5	171
149	Whither Goest the RGS Proteins?. Critical Reviews in Biochemistry and Molecular Biology, 1999, 34, 215-251.	5.2	102
150	Cloning of a retinally abundant regulator of G-protein signaling (RGS-r/RGS16): genomic structure and chromosomal localization of the human gene. Gene, 1998, 206, 247-253.	2.2	47
151	Negative Regulation of PKB/Akt-Dependent Cell Survival by the Tumor Suppressor PTEN. Cell, 1998, 95, 29-39.	28.9	2,269
152	Cooperative interaction between the DNA-binding domains of PU.1 and IRF4. Journal of Molecular Biology, 1998, 279, 1075-1083.	4.2	34
153	A G protein Â subunit-like domain shared between RGS11 and other RGS proteins specifies binding to GÂ5 subunits. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13307-13312.	7.1	265
154	GTPase Activating Specificity of RGS12 and Binding Specificity of an Alternatively Spliced PDZ (PSD-95/Dlg/ZO-1) Domain. Journal of Biological Chemistry, 1998, 273, 17749-17755.	3.4	194
155	Dynamic Regulation of RGS2 Suggests a Novel Mechanism in G-Protein Signaling and Neuronal Plasticity. Journal of Neuroscience, 1998, 18, 7178-7188.	3.6	284
156	5â€²-Capping enzymes are targeted to pre-mRNA by binding to the phosphorylated carboxy-terminal domain of RNA polymeraseâ€‰II. Genes and Development, 1997, 11, 3306-3318.	5.9	474
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