Richard T Premont

List of Publications by Year
in descending order

151 papers	15,578 citations	20817 60 h-index	17105 122 g-index
157 all docs	157 docs citations	157 times ranked	14326 citing authors

#	Article	IF	Citations
1	Seven-transmembrane receptors. Nature Reviews Molecular Cell Biology, 2002, 3, 639-650.	37.0	2,357
2	DESENSITIZATION OF G PROTEINâ€"COUPLED RECEPTORS AND NEURONAL FUNCTIONS. Annual Review of Neuroscience, 2004, 27, 107-144.	10.7	755
3	Î²-Arrestin-dependent, G Protein-independent ERK1/2 Activation by the Î²2 Adrenergic Receptor. Journal of Biological Chemistry, 2006, 281, 1261-1273.	3.4	651
4	The Î²2-adrenergic receptor interacts with the Na+/H+-exchanger regulatory factor to control Na+/H+ exchange. Nature, 1998, 392, 626-630.	27.8	566
5	Protein kinases that phosphorylate activated G proteinâ€coupled receptors. FASEB Journal, 1995, 9, 175-182.	0.5	494
6	Physiological Roles of G Proteinâ€"Coupled Receptor Kinases and Arrestins. Annual Review of Physiology, 2007, 69, 511-534.	13.1	436
7	A C-terminal motif found in the Â2-adrenergic receptor, P2Y1 receptor and cystic fibrosis transmembrane conductance regulator determines binding to the Na+/H+ exchanger regulatory factor family of PDZ proteins. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8496-8501.	7.1	393
8	Dopamine supersensitivity correlates with D2High states, implying many paths to psychosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3513-3518.	7.1	335
9	Niclosamide: Beyond an antihelminthic drug. Cellular Signalling, 2018, 41, 89-96.	3.6	315
10	Heptahelical Receptor Signaling: Beyond the G Protein Paradigm. Journal of Cell Biology, 1999, 145, 927-932.	5.2	297
11	Defective lymphocyte chemotaxis in Î²-arrestin2- and GRK6-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7478-7483.	7.1	283
12	Â2-Adrenergic receptor regulation by GIT1, a G protein-coupled receptor kinase-associated ADP ribosylation factor GTPase-activating protein. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14082-14087.	7.1	281
13	A crucial role for GRK2 in regulation of endothelial cell nitric oxide synthase function in portal hypertension. Nature Medicine, 2005, 11, 952-958.	30.7	234
14	Dopaminergic Supersensitivity in G Protein-Coupled Receptor Kinase 6-Deficient Mice. Neuron, 2003, 38, 291-303.	8.1	208
15	beta-Arrestin2-mediated inotropic effects of the angiotensin II type 1A receptor in isolated cardiac myocytes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16284-16289.	7.1	208
16	Hedgehog-YAP Signaling Pathway Regulates Glutaminolysis to Control Activation of Hepatic Stellate Cells. Gastroenterology, 2018, 154, 1465-1479.e13.	1.3	205
17	Î²-Arrestin-mediated ADP-ribosylation Factor 6 Activation and Î²2-Adrenergic Receptor Endocytosis. Journal of Biological Chemistry, 2001, 276, 42509-42513.	3.4	204
18	Hedgehog Controls Hepatic Stellate Cell Fate by Regulating Metabolism. Gastroenterology, 2012, 143, 1319-1329.e11.	1.3	201

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19	A Tyrosine-phosphorylated Protein That Binds to an Important Regulatory Region on the Cool Family of p21-activated Kinase-binding Proteins. Journal of Biological Chemistry, 1999, 274, 22393-22400.	3.4	197
20	Mammalian Scribble Forms a Tight Complex with the Î²PIX Exchange Factor. Current Biology, 2004, 14, 987-995.	3.9	195
21	Two members of a widely expressed subfamily of hormone-stimulated adenylyl cyclases.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9809-9813.	7.1	181
22	Muscarinic Supersensitivity and Impaired Receptor Desensitization in G Proteinâ€"Coupled Receptor Kinase 5â€"Deficient Mice. Neuron, 1999, 24, 1029-1036.	8.1	180
23	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. Journal of Cell Biology, 2002, 159, 69-78.	5.2	174
24	Identification and Characterization of a Widely Expressed Form of Adenylyl Cyclase. Journal of Biological Chemistry, 1996, 271, 13900-13907.	3.4	173
25	Characterization of the G Protein-coupled Receptor Kinase GRK4. Journal of Biological Chemistry, 1996, 271, 6403-6410.	3.4	172
26	Smoothened is a master regulator of adult liver repair. Journal of Clinical Investigation, 2013, 123, 2380-94.	8.2	170
27	Multiple endocytic pathways of G protein-coupled receptors delineated by GIT1 sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 1119-1124.	7.1	159
28	Phosphatidylinositol 4,5-Bisphosphate (PIP2)-enhanced G Protein-coupled Receptor Kinase (GRK) Activity: LOCATION, STRUCTURE, AND REGULATION OF THE PIP2 BINDING SITE DISTINGUISHES THE GRK SUBFAMILIES. Journal of Biological Chemistry, 1996, 271, 24907-24913.	3.4	158
29	Following the trace of elusive amines. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9474-9475.	7.1	152
30	Interaction between Liprin-Î± and GIT1 Is Required for AMPA Receptor Targeting. Journal of Neuroscience, 2003, 23, 1667-1677.	3.6	146
31	Consensus nomenclature for the human ArfGAP domain-containing proteins. Journal of Cell Biology, 2008, 182, 1039-1044.	5.2	144
32	Signals from dying hepatocytes trigger growth of liver progenitors. Gut, 2010, 59, 655-665.	12.1	143
33	GIT Proteins, A Novel Family of Phosphatidylinositol 3,4,5-Trisphosphate-stimulated GTPase-activating Proteins for ARF6. Journal of Biological Chemistry, 2000, 275, 13901-13906.	3.4	142
34	Endothelin-1 Activates Endothelial Cell Nitric-oxide Synthase via Heterotrimeric G-protein Î²Î³ Subunit Signaling to Protein Kinase B/Akt. Journal of Biological Chemistry, 2003, 278, 49929-49935.	3.4	132
35	Identification of NSF as a Î²-Arrestin1-binding Protein. Journal of Biological Chemistry, 1999, 274, 10677-10680.	3.4	129
36	G Protein-coupled Receptor Kinase 6A Phosphorylates the Na+/H+ Exchanger Regulatory Factor via a PDZ Domain-mediated Interaction. Journal of Biological Chemistry, 1999, 274, 24328-24334.	3.4	129

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37	ARFGAP1 plays a central role in coupling COPI cargo sorting with vesicle formation. Journal of Cell Biology, 2005, 168, 281-290.	5.2	128
38	The GIT Family of ADP-ribosylation Factor GTPase-activating Proteins. Journal of Biological Chemistry, 2000, 275, 22373-22380.	3.4	125
39	The GIT Family of Proteins Forms Multimers and Associates with the Presynaptic Cytomatrix Protein Piccolo. Journal of Biological Chemistry, 2003, 278, 6291-6300.	3.4	122
40	Liver regeneration requires Yap1-TGFÎ²-dependent epithelial-mesenchymal transition in hepatocytes. Journal of Hepatology, 2018, 69, 359-367.	3.7	110
41	Microbial nitrogen limitation in the mammalian large intestine. Nature Microbiology, 2018, 3, 1441-1450.	13.3	107
42	Immunohistochemical localization of adenylyl cyclase in rat brain indicates a highly selective concentration at synapses.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8473-8477.	7.1	105
43	Cross-talk between Notch and Hedgehog regulates hepatic stellate cell fate in mice. Hepatology, 2013, 58, 1801-1813.	7.3	105
44	Properties of Secretin Receptor Internalization Differ from Those of the Î²2-Adrenergic Receptor. Journal of Biological Chemistry, 1999, 274, 31515-31523.	3.4	102
45	Myofibroblastic cells function as progenitors to regenerate murine livers after partial hepatectomy. Gut, 2014, 63, 1333-1344.	12.1	102
46	Accumulation of duct cells with activated YAP parallels fibrosis progression in non-alcoholic fatty liver disease. Journal of Hepatology, 2015, 63, 962-970.	3.7	101
47	ACAP1 Promotes Endocytic Recycling by Recognizing Recycling Sorting Signals. Developmental Cell, 2004, 7, 771-776.	7.0	97
48	GIPC Interacts with the Î²1-Adrenergic Receptor and Regulates Î²1-Adrenergic Receptor-mediated ERK Activation. Journal of Biological Chemistry, 2003, 278, 26295-26301.	3.4	96
49	Expanding functions of GIT Arf GTPase-activating proteins, PIX Rho guanine nucleotide exchange factors and GITâ€"PIX complexes. Journal of Cell Science, 2016, 129, 1963-1974.	2.0	96
50	Hedgehog regulates yesâ€associated protein 1 in regenerating mouse liver. Hepatology, 2016, 64, 232-244.	7.3	94
51	Members of the G Protein-Coupled Receptor Kinase Family That Phosphorylate the Î²2-Adrenergic Receptor Facilitate Sequestrationâ€. Biochemistry, 1996, 35, 4155-4160.	2.5	88
52	Determining the Absolute Requirement of G Proteinâ€"Coupled Receptor Kinase 5 for Pathological Cardiac Hypertrophy. Circulation Research, 2012, 111, 1048-1053.	4.5	82
53	GRK6 deficiency is associated with enhanced CXCR4-mediated neutrophil chemotaxis in vitro and impaired responsiveness to G-CSF in vivo. Journal of Leukocyte Biology, 2004, 75, 698-704.	3.3	81
54	Regulation of the Uncoupling Protein Gene (Ucp) by Î²1, Î²2, and Î²3-Adrenergic Receptor Subtypes in Immortalized Brown Adipose Cell Lines. Journal of Biological Chemistry, 1995, 270, 10723-10732.	3.4	78

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55	The GIT/PIX complex: an oligomeric assembly of GIT family ARF GTPase-activating proteins and PIX family Rac1/Cdc42 guanine nucleotide exchange factors. Cellular Signalling, 2004, 16, 1001-1011.	3.6	78
56	The Arf GAPs AGAP1 and AGAP2 distinguish between the adaptor protein complexes AP-1 and AP-3. Journal of Cell Science, 2005, 118, 3555-3566.	2.0	74
57	The GRK4 Subfamily of G Protein-coupled Receptor Kinases. Journal of Biological Chemistry, 1999, 274, 29381-29389.	3.4	73
58	Beta gamma subunits of GTP-binding proteins inhibit muscarinic receptor stimulation of phospholipase C.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 8865-8869.	7.1	70
59	GRK5 deficiency leads to early Alzheimer-like pathology and working memory impairment. Neurobiology of Aging, 2007, 28, 1873-1888.	3.1	68
60	Role of Nitric Oxide Carried by Hemoglobin in Cardiovascular Physiology. Circulation Research, 2020, 126, 129-158.	4.5	68
61	Increased Acute Inflammation, Leukotriene B4-Induced Chemotaxis, and Signaling in Mice Deficient for G Protein-Coupled Receptor Kinase 6. Journal of Immunology, 2003, 171, 6128-6134.	0.8	64
62	G Protein-coupled Receptor Kinases Phosphorylate LRP6 in the Wnt Pathway. Journal of Biological Chemistry, 2009, 284, 35040-35048.	3.4	58
63	Increased Glutaminolysis Marks Active Scarring in Nonalcoholic Steatohepatitis Progression. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 1-21.	4.5	58
64	G Protein-coupled Receptor Kinase 5 Regulates Î²1-Adrenergic Receptor Association with PSD-95. Journal of Biological Chemistry, 2002, 277, 1607-1613.	3.4	57
65	GIT1 utilizes a focal adhesion targeting-homology domain to bind paxillin. Cellular Signalling, 2007, 19, 1733-1744.	3.6	56
66	Rhodopsin Kinase Autophosphorylation. Journal of Biological Chemistry, 1995, 270, 15294-15298.	3.4	55
67	Palmitoylation Increases the Kinase Activity of the G Protein-Coupled Receptor Kinase, GRK6â€. Biochemistry, 1998, 37, 16053-16059.	2.5	48
68	A Role for Receptor Kinases in the Regulation of Class II G Protein-coupled Receptors. Journal of Biological Chemistry, 1998, 273, 6756-6762.	3.4	48
69	Vasoactive Intestinal Polypeptide Type-1 Receptor Regulation. Journal of Biological Chemistry, 2002, 277, 25519-25526.	3.4	47
70	Feedback regulation of G protein-coupled receptor signaling by GRKs and arrestins. Seminars in Cell and Developmental Biology, 2016, 50, 95-104.	5.0	46
71	[9] Identification of adenylyl cyclases by amplification using degenerate primers. Methods in Enzymology, 1994, 238, 116-127.	1.0	45
72	G protein-coupled receptor kinase 6 controls chronicity and severity of dextran sodium sulphate-induced colitis in mice. Gut, 2007, 56, 847-854.	12.1	45

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73	Niclosamide-induced Wnt signaling inhibition in colorectal cancer is mediated by autophagy. Biochemical Journal, 2019, 476, 535-546.	3.7	44
74	Differential Expression of the ARF GAP Genes GIT1 and GIT2 in Mouse Tissues. Journal of Histochemistry and Cytochemistry, 2007, 55, 1039-1048.	2.5	42
75	Caspase-2 promotes obesity, the metabolic syndrome and nonalcoholic fatty liver disease. Cell Death and Disease, 2016, 7, e2096-e2096.	6.3	42
76	GRK5 Deficiency Leads to Reduced Hippocampal Acetylcholine Level via Impaired Presynaptic M2/M4 Autoreceptor Desensitization. Journal of Biological Chemistry, 2009, 284, 19564-19571.	3.4	41
77	Niclosamide-conjugated polypeptide nanoparticles inhibit Wnt signaling and colon cancer growth. Nanoscale, 2017, 9, 12709-12717.	5.6	38
78	Cloning, characterization, and chromosomal localization of rec1.3, a member of the G-protein-coupled receptor family highly expressed in brain. Molecular Brain Research, 1996, 42, 245-254.	2.3	37
79	Impaired fear response in mice lacking GIT1. Neuroscience Letters, 2009, 458, 79-83.	2.1	37
80	Endothelial Nitric-oxide Synthase (eNOS) Is Activated through G-protein-coupled Receptor Kinase-interacting Protein 1 (GIT1) Tyrosine Phosphorylation and Src Protein. Journal of Biological Chemistry, 2014, 289, 18163-18174.	3.4	37
81	Regulation of the Platelet-derived Growth Factor Receptor-Î² by G Protein-coupled Receptor Kinase-5 in Vascular Smooth Muscle Cells Involves the Phosphatase Shp2. Journal of Biological Chemistry, 2006, 281, 37758-37772.	3.4	36
82	Morphine-induced physiological and behavioral responses in mice lacking G protein-coupled receptor kinase 6. Drug and Alcohol Dependence, 2009, 104, 187-196.	3.2	36
83	Grk5l Controls Heart Development by Limiting mTOR Signaling during Symmetry Breaking. Cell Reports, 2013, 4, 625-632.	6.4	36
84	G-protein-coupled Receptor Kinase Interactor-1 (GIT1) Is a New Endothelial Nitric-oxide Synthase (eNOS) Interactor with Functional Effects on Vascular Homeostasis*. Journal of Biological Chemistry, 2012, 287, 12309-12320.	3.4	35
85	Granulocyte chemotaxis and disease expression are differentially regulated by GRK subtype in an acute inflammatory arthritis model (K/BxN). Clinical Immunology, 2008, 129, 115-122.	3.2	34
86	Functional analysis of rare variants found in schizophrenia implicates a critical role for GIT1â€“PAK3 signaling in neuroplasticity. Molecular Psychiatry, 2017, 22, 417-429.	7.9	34
87	Heterologous Desensitization of the Liver Adenylyl Cyclase: Analysis of the Role of G-Proteins*. Endocrinology, 1989, 125, 1151-1160.	2.8	33
88	GRK5 Deficiency Accelerates Î²-Amyloid Accumulation in Tg2576 Mice via Impaired Cholinergic Activity. Journal of Biological Chemistry, 2010, 285, 41541-41548.	3.4	33
89	Presynaptic Deletion of GIT Proteins Results in Increased Synaptic Strength at a Mammalian Central Synapse. Neuron, 2015, 88, 918-925.	8.1	33
90	Regulation of Neuroendocrine Exocytosis by the ARF6 GTPase-activating Protein GIT1. Journal of Biological Chemistry, 2006, 281, 7919-7926.	3.4	30

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91	GIT2â€"A keystone in ageing and age-related disease. Ageing Research Reviews, 2018, 43, 46-63.	10.9	29
92	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. Cellular Signalling, 2004, 16, 1033-1044.	3.6	28
93	Nuclear GIT2 Is an ATM Substrate and Promotes DNA Repair. Molecular and Cellular Biology, 2015, 35, 1081-1096.	2.3	28
94	Pleiotrophin regulates the ductular reaction by controlling the migration of cells in liver progenitor niches. Gut, 2016, 65, 683-692.	12.1	28
95	AKR1A1 is a novel mammalian S-nitroso-glutathione reductase. Journal of Biological Chemistry, 2019, 294, 18285-18293.	3.4	28
96	Reply: receptor specificity of G-protein-coupled receptor kinases. Trends in Pharmacological Sciences, 2000, 21, 366-367.	8.7	25
97	GIT2 Acts as a Systems-Level Coordinator of Neurometabolic Activity and Pathophysiological Aging. Frontiers in Endocrinology, 2015, 6, 191.	3.5	25
98	The Hepatic Glucagon Receptor: A Comparative Study of the Regulatory and Structural Properties*. Endocrinology, 1987, 120, 2316-2325.	2.8	24
99	Once and Future Signaling: G Protein-Coupled Receptor Kinase Control of Neuronal Sensitivity. NeuroMolecular Medicine, 2005, 7, 129-148.	3.4	24
100	Properties of an intermediate-sized androgen receptor: association with RNA. Biochemistry, 1986, 25, 6988-6995.	2.5	23
101	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. Cellular Signalling, 2004, 16, 1033-1044.	3.6	23
102	Anxiety-like behaviors in mice lacking GIT2. Neuroscience Letters, 2009, 451, 156-161.	2.1	22
103	The role of GRK6 in animal models of Parkinson's Disease and L-DOPA treatment. Scientific Reports, 2012, 2, 301.	3.3	22
104	Mutational Analysis of the Arf1â€¢GTP/Arf GAP Interface Reveals an Arf1 Mutant that Selectively Affects the Arf GAP ASAP1. Current Biology, 2005, 15, 2164-2169.	3.9	21
105	Genetic Deletion of Î²-Arrestin-2 and the Mitigation of Established Airway Hyperresponsiveness in a Murine Asthma Model. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 346-354.	2.9	21
106	Dysregulated activation of fetal liver programme in acute liver failure. Gut, 2019, 68, 1076-1087.	12.1	21
107	Type 5 adenylyl cyclase distribution. Nature, 1993, 363, 679-679.	27.8	20
108	Î²-Arrestin2 is a critical component of the GPCRâ€"eNOS signalosome. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11483-11492.	7.1	20

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109	The cytoskeletal regulatory scaffold protein GIT2 modulates mesenchymal stem cell differentiation and osteoblastogenesis. Biochemical and Biophysical Research Communications, 2012, 425, 407-412.	2.1	19
110	GRK5 â€" A Functional Bridge Between Cardiovascular and Neurodegenerative Disorders. Frontiers in Pharmacology, 2018, 9, 1484.	3.5	19
111	Reciprocal Regulation of the Platelet-Derived Growth Factor Receptor-Î² and G Protein-Coupled Receptor Kinase 5 by Cross-Phosphorylation: Effects on Catalysis. Molecular Pharmacology, 2009, 75, 626-636.	2.3	18
112	Augmented axonal defects and synaptic degenerative changes in female GRK5 deficient mice. Brain Research Bulletin, 2009, 78, 145-151.	3.0	16
113	Caveolin 1 and G-Proteinâ€"Coupled Receptor Kinase-2 Coregulate Endothelial Nitric Oxide Synthase Activity in Sinusoidal Endothelial Cells. American Journal of Pathology, 2017, 187, 896-907.	3.8	16
114	Loss of pericyte smoothened activity in mice with genetic deficiency of leptin. BMC Cell Biology, 2017, 18, 20.	3.0	16
115	Structureâ€"activity relationship studies of QS11, a small molecule Wnt synergistic agonist. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4838-4842.	2.2	15
116	Genomic deletion of GIT2 induces a premature age-related thymic dysfunction and systemic immune system disruption. Aging, 2017, 9, 706-740.	3.1	15
117	RNA Binding Proteins Control Transdifferentiation of Hepatic Stellate Cells into Myofibroblasts. Cellular Physiology and Biochemistry, 2018, 48, 1215-1229.	1.6	13
118	Essential Role of Hemoglobin Î²Cys93 in Cardiovascular Physiology. Physiology, 2020, 35, 234-243.	3.1	13
119	Red Blood Cell-Mediated S-Nitrosohemoglobin-Dependent Vasodilation: Lessons Learned from a Î²-Globin Cys93 Knock-In Mouse. Antioxidants and Redox Signaling, 2021, 34, 936-961.	5.4	13
120	Î±PIX RhoGEF Supports Positive Selection by Restraining Migration and Promoting Arrest of Thymocytes. Journal of Immunology, 2014, 192, 3228-3238.	0.8	11
121	GRK5 Deficiency Leads to Selective Basal Forebrain Cholinergic Neuronal Vulnerability. Scientific Reports, 2016, 6, 26116.	3.3	10
122	GIT1 regulates synaptic structural plasticity underlying learning. PLoS ONE, 2018, 13, e0194350.	2.5	10
123	Single-Cell RNA Sequencing Identifies Yes-Associated Protein 1â€"Dependent Hepatic Mesothelial Progenitors in Fibrolamellar Carcinoma. American Journal of Pathology, 2020, 190, 93-107.	3.8	10
124	The manifold roles of protein S-nitrosylation in the life of insulin. Nature Reviews Endocrinology, 2022, 18, 111-128.	9.6	10
125	Hypoxic vasodilatory defect and pulmonary hypertension in mice lacking hemoglobin Î²-cysteine93 S-nitrosylation. JCI Insight, 2022, 7, .	5.0	10
126	Identification of novel G protein-coupled receptor-interacting proteins. Methods in Enzymology, 2002, 343, 611-621.	1.0	9

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127	The enzymatic function of the honorary enzyme: S-nitrosylation of hemoglobin in physiology and medicine. Molecular Aspects of Medicine, 2021, 84, 101056.	6.4	9
128	Adenylyl Cyclase and Its Regulation by Gs. , 1990, , 147-178.		7
129	[36] Purification and characterization of GIT family of ADP-ribosylation factor (ARF) GTPase-activating proteins. Methods in Enzymology, 2001, 329, 335-343.	1.0	6
130	[26] Quantitative immunoblotting of G-protein subunits. Methods in Enzymology, 1991, 195, 302-315.	1.0	5
131	Letter by Reynolds et al Regarding Article, â€œHemoglobin Î²93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cellâ€ Circulation, 2019, 140, e758-e759.	1.6	5
132	Î²-Arrestin2 mediates progression of murine primary myelofibrosis. JCI Insight, 2017, 2, .	5.0	5
133	Keys to the Kingdom: GPCR phosphorylation patterns direct Î²â€arrestin. EMBO Reports, 2020, 21, e51249.	4.5	5
134	Brain-specific deletion of GIT1 impairs cognition and alters phosphorylation of synaptic protein networks implicated in schizophrenia susceptibility. Molecular Psychiatry, 2022, 27, 3272-3285.	7.9	5
135	Microcephaly with altered cortical layering in GIT1 deficiency revealed by quantitative neuroimaging. Magnetic Resonance Imaging, 2021, 76, 26-38.	1.8	4
136	Metastasis: Wherefore Arf Thou?. Current Biology, 2009, 19, R1036-R1038.	3.9	3
137	A bovine brain cDNA purported to encode calmodulin-insensitive adenylyl cyclase has extensive identity with neural cell adhesion molecules (N-CAMs). FEBS Letters, 1991, 295, 230-231.	2.8	2
138	[20] Amplification of phosphatidylinositol-specific phospholipase C-Î² isoforms using degenerate primers. Methods in Enzymology, 1994, 238, 244-252.	1.0	1
139	An optimized protocol for isolation of S-nitrosylated proteins from C.Âelegans. STAR Protocols, 2021, 2, 100547.	1.2	1
140	Î²ARK. , 1995, , 98-101.		1
141	GIT Proteins: Arf Gaps and Signaling Scaffolds. , 2004, , 159-183.		1
142	Optimized S-nitrosohemoglobin Synthesis in Red Blood Cells to Preserve Hypoxic Vasodilation Via <i>Î²</i>Cys93. Journal of Pharmacology and Experimental Therapeutics, 2022, 382, 1-10.	2.5	1
143	The role of protein kinase a (PKA) dependent phosphorylation of the secretin receptor in receptor internalization. Gastroenterology, 2000, 118, A309.	1.3	0
144	G protein-coupled receptor kinase (GRK) specificity of endogenous type 1 vasoactive intestinal polypeptide (VIP) receptor expressed on the surface of HEK 293 cells. Gastroenterology, 2000, 118, A309.	1.3	0

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145	RNA-Binding Protein IGF2BP3 Regulates Cell Fate Decisions that Drive Cirrhosis Pathogenesis. Gastroenterology, 2017, 152, S1073.	1.3	0
146	Reply to Schierwagen et al.: Î²-Arrestins in liver disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27085-27086.	7.1	0
147	GSNOR regulates cardiomyocyte differentiation and maturation through protein S-nitrosylation. , 2021, 1, .		0
148	Multiple Pathways for Glucagon-Induced Heterologous Desensitization of Liver Adenylyl Cyclase. , 1990, , 85-97.		0
149	Liver Adenylyl Cyclases: Structure and Regulation by cAMP-Dependent Phosphorylation. , 1992, , 325-334.		0
150	RhK. , 1995, , 102-104.		0
151	Î²-arrestin2 Is Necessary for Development of MPLW515L Mutant Primary Myelofibrosis. Blood, 2015, 126, 486-486.	1.4	0