

# Richard T Premont

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6249348/publications.pdf>

Version: 2024-02-01

151  
papers

15,578  
citations

20759

60  
h-index

17055

122  
g-index

157  
all docs

157  
docs citations

157  
times ranked

14326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seven-transmembrane receptors. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 639-650.	16.1	2,357
2	DESENSITIZATION OF G PROTEIN-COUPLED RECEPTORS AND NEURONAL FUNCTIONS. <i>Annual Review of Neuroscience</i> , 2004, 27, 107-144.	5.0	755
3	Î²-Arrestin-dependent, G Protein-independent ERK1/2 Activation by the Î²2 Adrenergic Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 1261-1273.	1.6	651
4	The Î²2-adrenergic receptor interacts with the Na <sup>+</sup> /H <sup>+</sup> -exchanger regulatory factor to control Na <sup>+</sup> /H <sup>+</sup> exchange. <i>Nature</i> , 1998, 392, 626-630.	13.7	566
5	Protein kinases that phosphorylate activated G protein-coupled receptors. <i>FASEB Journal</i> , 1995, 9, 175-182.	0.2	494
6	Physiological Roles of G Protein-Coupled Receptor Kinases and Arrestins. <i>Annual Review of Physiology</i> , 2007, 69, 511-534.	5.6	436
7	A C-terminal motif found in the Î²2-adrenergic receptor, P2Y1 receptor and cystic fibrosis transmembrane conductance regulator determines binding to the Na <sup>+</sup> /H <sup>+</sup> exchanger regulatory factor family of PDZ proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8496-8501.	3.3	393
8	Dopamine supersensitivity correlates with D2High states, implying many paths to psychosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3513-3518.	3.3	335
9	Niclosamide: Beyond an antihelminthic drug. <i>Cellular Signalling</i> , 2018, 41, 89-96.	1.7	315
10	Heptahelical Receptor Signaling: Beyond the G Protein Paradigm. <i>Journal of Cell Biology</i> , 1999, 145, 927-932.	2.3	297
11	Defective lymphocyte chemotaxis in Î²-arrestin2- and GRK6-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7478-7483.	3.3	283
12	Î²2-Adrenergic receptor regulation by GIT1, a G protein-coupled receptor kinase-associated ADP ribosylation factor GTPase-activating protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 14082-14087.	3.3	281
13	A crucial role for GRK2 in regulation of endothelial cell nitric oxide synthase function in portal hypertension. <i>Nature Medicine</i> , 2005, 11, 952-958.	15.2	234
14	Dopaminergic Supersensitivity in G Protein-Coupled Receptor Kinase 6-Deficient Mice. <i>Neuron</i> , 2003, 38, 291-303.	3.8	208
15	beta-Arrestin2-mediated inotropic effects of the angiotensin II type 1A receptor in isolated cardiac myocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16284-16289.	3.3	208
16	Hedgehog-YAP Signaling Pathway Regulates Glutaminolysis to Control Activation of Hepatic Stellate Cells. <i>Gastroenterology</i> , 2018, 154, 1465-1479.e13.	0.6	205
17	Î²-Arrestin-mediated ADP-ribosylation Factor 6 Activation and Î²2-Adrenergic Receptor Endocytosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 42509-42513.	1.6	204
18	Hedgehog Controls Hepatic Stellate Cell Fate by Regulating Metabolism. <i>Gastroenterology</i> , 2012, 143, 1319-1329.e11.	0.6	201

#	ARTICLE	IF	CITATIONS
19	A Tyrosine-phosphorylated Protein That Binds to an Important Regulatory Region on the Cool Family of p21-activated Kinase-binding Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 22393-22400.	1.6	197
20	Mammalian Scribble Forms a Tight Complex with the $\hat{I}^2$ PIX Exchange Factor. <i>Current Biology</i> , 2004, 14, 987-995.	1.8	195
21	Two members of a widely expressed subfamily of hormone-stimulated adenylyl cyclases.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 9809-9813.	3.3	181
22	Muscarinic Supersensitivity and Impaired Receptor Desensitization in G Protein $\hat{I}^2$ -Coupled Receptor Kinase 5 $\hat{I}^2$ -Deficient Mice. <i>Neuron</i> , 1999, 24, 1029-1036.	3.8	180
23	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. <i>Journal of Cell Biology</i> , 2002, 159, 69-78.	2.3	174
24	Identification and Characterization of a Widely Expressed Form of Adenylyl Cyclase. <i>Journal of Biological Chemistry</i> , 1996, 271, 13900-13907.	1.6	173
25	Characterization of the G Protein-coupled Receptor Kinase GRK4. <i>Journal of Biological Chemistry</i> , 1996, 271, 6403-6410.	1.6	172
26	Smoothed is a master regulator of adult liver repair. <i>Journal of Clinical Investigation</i> , 2013, 123, 2380-94.	3.9	170
27	Multiple endocytic pathways of G protein-coupled receptors delineated by GIT1 sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1119-1124.	3.3	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. <i>Journal of Biological Chemistry</i> , 1996, 271, 24907-24913.	1.6	158
29	Following the trace of elusive amines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 9474-9475.	3.3	152
30	Interaction between Liprin- $\hat{I}^2$ and GIT1 Is Required for AMPA Receptor Targeting. <i>Journal of Neuroscience</i> , 2003, 23, 1667-1677.	1.7	146
31	Consensus nomenclature for the human ArfGAP domain-containing proteins. <i>Journal of Cell Biology</i> , 2008, 182, 1039-1044.	2.3	144
32	Signals from dying hepatocytes trigger growth of liver progenitors. <i>Gut</i> , 2010, 59, 655-665.	6.1	143
33	GIT Proteins, A Novel Family of Phosphatidylinositol 3,4,5-Trisphosphate-stimulated GTPase-activating Proteins for ARF6. <i>Journal of Biological Chemistry</i> , 2000, 275, 13901-13906.	1.6	142
34	Endothelin-1 Activates Endothelial Cell Nitric-oxide Synthase via Heterotrimeric G-protein $\hat{I}^2$ $\hat{I}^3$ Subunit Signaling to Protein Kinase B/Akt. <i>Journal of Biological Chemistry</i> , 2003, 278, 49929-49935.	1.6	132
35	Identification of NSF as a $\hat{I}^2$ -Arrestin1-binding Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 10677-10680.	1.6	129
36	G Protein-coupled Receptor Kinase 6A Phosphorylates the Na $\hat{I}^+$ /H $\hat{I}^+$ Exchanger Regulatory Factor via a PDZ Domain-mediated Interaction. <i>Journal of Biological Chemistry</i> , 1999, 274, 24328-24334.	1.6	129

#	ARTICLE	IF	CITATIONS
37	ARFGAP1 plays a central role in coupling COPI cargo sorting with vesicle formation. <i>Journal of Cell Biology</i> , 2005, 168, 281-290.	2.3	128
38	The GIT Family of ADP-ribosylation Factor GTPase-activating Proteins. <i>Journal of Biological Chemistry</i> , 2000, 275, 22373-22380.	1.6	125
39	The GIT Family of Proteins Forms Multimers and Associates with the Presynaptic Cytomatrix Protein Piccolo. <i>Journal of Biological Chemistry</i> , 2003, 278, 6291-6300.	1.6	122
40	Liver regeneration requires Yap1-TGF $\beta$ 2-dependent epithelial-mesenchymal transition in hepatocytes. <i>Journal of Hepatology</i> , 2018, 69, 359-367.	1.8	110
41	Microbial nitrogen limitation in the mammalian large intestine. <i>Nature Microbiology</i> , 2018, 3, 1441-1450.	5.9	107
42	Immunohistochemical localization of adenylyl cyclase in rat brain indicates a highly selective concentration at synapses.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 8473-8477.	3.3	105
43	Cross-talk between Notch and Hedgehog regulates hepatic stellate cell fate in mice. <i>Hepatology</i> , 2013, 58, 1801-1813.	3.6	105
44	Properties of Secretin Receptor Internalization Differ from Those of the $\beta$ 2-Adrenergic Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 31515-31523.	1.6	102
45	Myofibroblastic cells function as progenitors to regenerate murine livers after partial hepatectomy. <i>Gut</i> , 2014, 63, 1333-1344.	6.1	102
46	Accumulation of duct cells with activated YAP parallels fibrosis progression in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2015, 63, 962-970.	1.8	101
47	ACAP1 Promotes Endocytic Recycling by Recognizing Recycling Sorting Signals. <i>Developmental Cell</i> , 2004, 7, 771-776.	3.1	97
48	GIPC Interacts with the $\beta$ 1-Adrenergic Receptor and Regulates $\beta$ 1-Adrenergic Receptor-mediated ERK Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 26295-26301.	1.6	96
49	Expanding functions of GIT Arf GTPase-activating proteins, PIX Rho guanine nucleotide exchange factors and GIT $\beta$ -PIX complexes. <i>Journal of Cell Science</i> , 2016, 129, 1963-1974.	1.2	96
50	Hedgehog regulates yes-associated protein 1 in regenerating mouse liver. <i>Hepatology</i> , 2016, 64, 232-244.	3.6	94
51	Members of the G Protein-Coupled Receptor Kinase Family That Phosphorylate the $\beta$ 2-Adrenergic Receptor Facilitate Sequestration. <i>Biochemistry</i> , 1996, 35, 4155-4160.	1.2	88
52	Determining the Absolute Requirement of G Protein-Coupled Receptor Kinase 5 for Pathological Cardiac Hypertrophy. <i>Circulation Research</i> , 2012, 111, 1048-1053.	2.0	82
53	GRK6 deficiency is associated with enhanced CXCR4-mediated neutrophil chemotaxis in vitro and impaired responsiveness to G-CSF in vivo. <i>Journal of Leukocyte Biology</i> , 2004, 75, 698-704.	1.5	81
54	Regulation of the Uncoupling Protein Gene (Ucp) by $\beta$ 1, $\beta$ 2, and $\beta$ 3-Adrenergic Receptor Subtypes in Immortalized Brown Adipose Cell Lines. <i>Journal of Biological Chemistry</i> , 1995, 270, 10723-10732.	1.6	78

#	ARTICLE	IF	CITATIONS
55	The GIT/PIX complex: an oligomeric assembly of GIT family ARF GTPase-activating proteins and PIX family Rac1/Cdc42 guanine nucleotide exchange factors. <i>Cellular Signalling</i> , 2004, 16, 1001-1011.	1.7	78
56	The Arf GAPs AGAP1 and AGAP2 distinguish between the adaptor protein complexes AP-1 and AP-3. <i>Journal of Cell Science</i> , 2005, 118, 3555-3566.	1.2	74
57	The GRK4 Subfamily of G Protein-coupled Receptor Kinases. <i>Journal of Biological Chemistry</i> , 1999, 274, 29381-29389.	1.6	73
58	Beta gamma subunits of GTP-binding proteins inhibit muscarinic receptor stimulation of phospholipase C.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 8865-8869.	3.3	70
59	GRK5 deficiency leads to early Alzheimer-like pathology and working memory impairment. <i>Neurobiology of Aging</i> , 2007, 28, 1873-1888.	1.5	68
60	Role of Nitric Oxide Carried by Hemoglobin in Cardiovascular Physiology. <i>Circulation Research</i> , 2020, 126, 129-158.	2.0	68
61	Increased Acute Inflammation, Leukotriene B4-Induced Chemotaxis, and Signaling in Mice Deficient for G Protein-Coupled Receptor Kinase 6. <i>Journal of Immunology</i> , 2003, 171, 6128-6134.	0.4	64
62	G Protein-coupled Receptor Kinases Phosphorylate LRP6 in the Wnt Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 35040-35048.	1.6	58
63	Increased Glutaminolysis Marks Active Scarring in Nonalcoholic Steatohepatitis Progression. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 1-21.	2.3	58
64	G Protein-coupled Receptor Kinase 5 Regulates $\beta$ 1-Adrenergic Receptor Association with PSD-95. <i>Journal of Biological Chemistry</i> , 2002, 277, 1607-1613.	1.6	57
65	GIT1 utilizes a focal adhesion targeting-homology domain to bind paxillin. <i>Cellular Signalling</i> , 2007, 19, 1733-1744.	1.7	56
66	Rhodopsin Kinase Autophosphorylation. <i>Journal of Biological Chemistry</i> , 1995, 270, 15294-15298.	1.6	55
67	Palmitoylation Increases the Kinase Activity of the G Protein-Coupled Receptor Kinase, GRK6. <i>Biochemistry</i> , 1998, 37, 16053-16059.	1.2	48
68	A Role for Receptor Kinases in the Regulation of Class II G Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 1998, 273, 6756-6762.	1.6	48
69	Vasoactive Intestinal Polypeptide Type-1 Receptor Regulation. <i>Journal of Biological Chemistry</i> , 2002, 277, 25519-25526.	1.6	47
70	Feedback regulation of G protein-coupled receptor signaling by GRKs and arrestins. <i>Seminars in Cell and Developmental Biology</i> , 2016, 50, 95-104.	2.3	46
71	[9] Identification of adenylyl cyclases by amplification using degenerate primers. <i>Methods in Enzymology</i> , 1994, 238, 116-127.	0.4	45
72	G protein-coupled receptor kinase 6 controls chronicity and severity of dextran sodium sulphate-induced colitis in mice. <i>Gut</i> , 2007, 56, 847-854.	6.1	45

#	ARTICLE	IF	CITATIONS
73	Niclosamide-induced Wnt signaling inhibition in colorectal cancer is mediated by autophagy. <i>Biochemical Journal</i> , 2019, 476, 535-546.	1.7	44
74	Differential Expression of the ARF GAP Genes GIT1 and GIT2 in Mouse Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 1039-1048.	1.3	42
75	Caspase-2 promotes obesity, the metabolic syndrome and nonalcoholic fatty liver disease. <i>Cell Death and Disease</i> , 2016, 7, e2096-e2096.	2.7	42
76	GRK5 Deficiency Leads to Reduced Hippocampal Acetylcholine Level via Impaired Presynaptic M2/M4 Autoreceptor Desensitization. <i>Journal of Biological Chemistry</i> , 2009, 284, 19564-19571.	1.6	41
77	Niclosamide-conjugated polypeptide nanoparticles inhibit Wnt signaling and colon cancer growth. <i>Nanoscale</i> , 2017, 9, 12709-12717.	2.8	38
78	Cloning, characterization, and chromosomal localization of rec1.3, a member of the G-protein-coupled receptor family highly expressed in brain. <i>Molecular Brain Research</i> , 1996, 42, 245-254.	2.5	37
79	Impaired fear response in mice lacking GIT1. <i>Neuroscience Letters</i> , 2009, 458, 79-83.	1.0	37
80	Endothelial Nitric-oxide Synthase (eNOS) Is Activated through G-protein-coupled Receptor Kinase-interacting Protein 1 (GIT1) Tyrosine Phosphorylation and Src Protein. <i>Journal of Biological Chemistry</i> , 2014, 289, 18163-18174.	1.6	37
81	Regulation of the Platelet-derived Growth Factor Receptor- $\beta$ by G Protein-coupled Receptor Kinase-5 in Vascular Smooth Muscle Cells Involves the Phosphatase Shp2. <i>Journal of Biological Chemistry</i> , 2006, 281, 37758-37772.	1.6	36
82	Morphine-induced physiological and behavioral responses in mice lacking G protein-coupled receptor kinase 6. <i>Drug and Alcohol Dependence</i> , 2009, 104, 187-196.	1.6	36
83	Grk5l Controls Heart Development by Limiting mTOR Signaling during Symmetry Breaking. <i>Cell Reports</i> , 2013, 4, 625-632.	2.9	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*. <i>Journal of Biological Chemistry</i> , 2012, 287, 12309-12320.	1.6	35
85	Granulocyte chemotaxis and disease expression are differentially regulated by GRK subtype in an acute inflammatory arthritis model (K/BxN). <i>Clinical Immunology</i> , 2008, 129, 115-122.	1.4	34
86	Functional analysis of rare variants found in schizophrenia implicates a critical role for GIT1-PAK3 signaling in neuroplasticity. <i>Molecular Psychiatry</i> , 2017, 22, 417-429.	4.1	34
87	Heterologous Desensitization of the Liver Adenylyl Cyclase: Analysis of the Role of G-Proteins*. <i>Endocrinology</i> , 1989, 125, 1151-1160.	1.4	33
88	GRK5 Deficiency Accelerates $\beta$ -Amyloid Accumulation in Tg2576 Mice via Impaired Cholinergic Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 41541-41548.	1.6	33
89	Presynaptic Deletion of GIT Proteins Results in Increased Synaptic Strength at a Mammalian Central Synapse. <i>Neuron</i> , 2015, 88, 918-925.	3.8	33
90	Regulation of Neuroendocrine Exocytosis by the ARF6 GTPase-activating Protein GIT1. <i>Journal of Biological Chemistry</i> , 2006, 281, 7919-7926.	1.6	30

#	ARTICLE	IF	CITATIONS
91	GIT2â€”A keystone in ageing and age-related disease. <i>Ageing Research Reviews</i> , 2018, 43, 46-63.	5.0	29
92	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. <i>Cellular Signalling</i> , 2004, 16, 1033-1044.	1.7	28
93	Nuclear GIT2 Is an ATM Substrate and Promotes DNA Repair. <i>Molecular and Cellular Biology</i> , 2015, 35, 1081-1096.	1.1	28
94	Pleiotrophin regulates the ductular reaction by controlling the migration of cells in liver progenitor niches. <i>Gut</i> , 2016, 65, 683-692.	6.1	28
95	AKR1A1 is a novel mammalian S-nitroso-glutathione reductase. <i>Journal of Biological Chemistry</i> , 2019, 294, 18285-18293.	1.6	28
96	Reply: receptor specificity of G-protein-coupled receptor kinases. <i>Trends in Pharmacological Sciences</i> , 2000, 21, 366-367.	4.0	25
97	GIT2 Acts as a Systems-Level Coordinator of Neurometabolic Activity and Pathophysiological Aging. <i>Frontiers in Endocrinology</i> , 2015, 6, 191.	1.5	25
98	The Hepatic Glucagon Receptor: A Comparative Study of the Regulatory and Structural Properties*. <i>Endocrinology</i> , 1987, 120, 2316-2325.	1.4	24
99	Once and Future Signaling: G Protein-Coupled Receptor Kinase Control of Neuronal Sensitivity. <i>NeuroMolecular Medicine</i> , 2005, 7, 129-148.	1.8	24
100	Properties of an intermediate-sized androgen receptor: association with RNA. <i>Biochemistry</i> , 1986, 25, 6988-6995.	1.2	23
101	Differences between AGAP1, ASAP1 and Arf GAP1 in substrate recognition: interaction with the N-terminus of Arf1. <i>Cellular Signalling</i> , 2004, 16, 1033-1044.	1.7	23
102	Anxiety-like behaviors in mice lacking GIT2. <i>Neuroscience Letters</i> , 2009, 451, 156-161.	1.0	22
103	The role of GRK6 in animal models of Parkinson's Disease and L-DOPA treatment. <i>Scientific Reports</i> , 2012, 2, 301.	1.6	22
104	Mutational Analysis of the Arf1â€”GTP/Arf GAP Interface Reveals an Arf1 Mutant that Selectively Affects the Arf GAP ASAP1. <i>Current Biology</i> , 2005, 15, 2164-2169.	1.8	21
105	Genetic Deletion of Î²-Arrestin-2 and the Mitigation of Established Airway Hyperresponsiveness in a Murine Asthma Model. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 346-354.	1.4	21
106	Dysregulated activation of fetal liver programme in acute liver failure. <i>Gut</i> , 2019, 68, 1076-1087.	6.1	21
107	Type 5 adenylyl cyclase distribution. <i>Nature</i> , 1993, 363, 679-679.	13.7	20
108	Î²-Arrestin2 is a critical component of the GPCRâ€”eNOS signalosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11483-11492.	3.3	20



#	ARTICLE	IF	CITATIONS
109	The cytoskeletal regulatory scaffold protein GIT2 modulates mesenchymal stem cell differentiation and osteoblastogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 407-412.	1.0	19
110	GRK5 – A Functional Bridge Between Cardiovascular and Neurodegenerative Disorders. <i>Frontiers in Pharmacology</i> , 2018, 9, 1484.	1.6	19
111	Reciprocal Regulation of the Platelet-Derived Growth Factor Receptor- $\beta$ and G Protein-Coupled Receptor Kinase 5 by Cross-Phosphorylation: Effects on Catalysis. <i>Molecular Pharmacology</i> , 2009, 75, 626-636.	1.0	18
112	Augmented axonal defects and synaptic degenerative changes in female GRK5 deficient mice. <i>Brain Research Bulletin</i> , 2009, 78, 145-151.	1.4	16
113	Caveolin 1 and G-Protein–Coupled Receptor Kinase-2 Coregulate Endothelial Nitric Oxide Synthase Activity in Sinusoidal Endothelial Cells. <i>American Journal of Pathology</i> , 2017, 187, 896-907.	1.9	16
114	Loss of pericyte smoothed activity in mice with genetic deficiency of leptin. <i>BMC Cell Biology</i> , 2017, 18, 20.	3.0	16
115	Structure–activity relationship studies of QS11, a small molecule Wnt synergistic agonist. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4838-4842.	1.0	15
116	Genomic deletion of GIT2 induces a premature age-related thymic dysfunction and systemic immune system disruption. <i>Aging</i> , 2017, 9, 706-740.	1.4	15
117	RNA Binding Proteins Control Transdifferentiation of Hepatic Stellate Cells into Myofibroblasts. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1215-1229.	1.1	13
118	Essential Role of Hemoglobin $\beta$ Cys93 in Cardiovascular Physiology. <i>Physiology</i> , 2020, 35, 234-243.	1.6	13
119	Red Blood Cell-Mediated S-Nitrosohemoglobin-Dependent Vasodilation: Lessons Learned from a $\beta$ -Globin Cys93 Knock-In Mouse. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 936-961.	2.5	13
120	$\beta$ PIX RhoGEF Supports Positive Selection by Restraining Migration and Promoting Arrest of Thymocytes. <i>Journal of Immunology</i> , 2014, 192, 3228-3238.	0.4	11
121	GRK5 Deficiency Leads to Selective Basal Forebrain Cholinergic Neuronal Vulnerability. <i>Scientific Reports</i> , 2016, 6, 26116.	1.6	10
122	GIT1 regulates synaptic structural plasticity underlying learning. <i>PLoS ONE</i> , 2018, 13, e0194350.	1.1	10
123	Single-Cell RNA Sequencing Identifies Yes-Associated Protein 1–Dependent Hepatic Mesothelial Progenitors in Fibrolamellar Carcinoma. <i>American Journal of Pathology</i> , 2020, 190, 93-107.	1.9	10
124	The manifold roles of protein S-nitrosylation in the life of insulin. <i>Nature Reviews Endocrinology</i> , 2022, 18, 111-128.	4.3	10
125	Hypoxic vasodilatory defect and pulmonary hypertension in mice lacking hemoglobin $\beta$ -cysteine93 S-nitrosylation. <i>JCI Insight</i> , 2022, 7, .	2.3	10
126	Identification of novel G protein-coupled receptor-interacting proteins. <i>Methods in Enzymology</i> , 2002, 343, 611-621.	0.4	9



#	ARTICLE	IF	CITATIONS
127	The enzymatic function of the honorary enzyme: S-nitrosylation of hemoglobin in physiology and medicine. <i>Molecular Aspects of Medicine</i> , 2021, 84, 101056.	2.7	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. <i>Methods in Enzymology</i> , 2001, 329, 335-343.	0.4	6
130	[26] Quantitative immunoblotting of G-protein subunits. <i>Methods in Enzymology</i> , 1991, 195, 302-315.	0.4	5
131	Letter by Reynolds et al Regarding Article, "Hemoglobin $\beta$ 93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell". <i>Circulation</i> , 2019, 140, e758-e759.	1.6	5
132	$\beta$ -Arrestin2 mediates progression of murine primary myelofibrosis. <i>JCI Insight</i> , 2017, 2, .	2.3	5
133	Keys to the Kingdom: GPCR phosphorylation patterns direct $\beta$ -arrestin. <i>EMBO Reports</i> , 2020, 21, e51249.	2.0	5
134	Brain-specific deletion of GIT1 impairs cognition and alters phosphorylation of synaptic protein networks implicated in schizophrenia susceptibility. <i>Molecular Psychiatry</i> , 2022, 27, 3272-3285.	4.1	5
135	Microcephaly with altered cortical layering in GIT1 deficiency revealed by quantitative neuroimaging. <i>Magnetic Resonance Imaging</i> , 2021, 76, 26-38.	1.0	4
136	Metastasis: Wherefore Arf Thou?. <i>Current Biology</i> , 2009, 19, R1036-R1038.	1.8	3
137	A bovine brain cDNA purported to encode calmodulin-insensitive adenylyl cyclase has extensive identity with neural cell adhesion molecules (N-CAMs). <i>FEBS Letters</i> , 1991, 295, 230-231.	1.3	2
138	[20] Amplification of phosphatidylinositol-specific phospholipase C- $\beta$ isoforms using degenerate primers. <i>Methods in Enzymology</i> , 1994, 238, 244-252.	0.4	1
139	An optimized protocol for isolation of S-nitrosylated proteins from <i>C.Âelegans</i> . <i>STAR Protocols</i> , 2021, 2, 100547.	0.5	1
140	$\beta$ ARK. , 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 $\beta$ Cys93. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022, 382, 1-10.	1.3	1
143	The role of protein kinase a (PKA) dependent phosphorylation of the secretin receptor in receptor internalization. <i>Gastroenterology</i> , 2000, 118, A309.	0.6	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. <i>Gastroenterology</i> , 2000, 118, A309.	0.6	0

#	ARTICLE	IF	CITATIONS
145	RNA-Binding Protein IGF2BP3 Regulates Cell Fate Decisions that Drive Cirrhosis Pathogenesis. Gastroenterology, 2017, 152, S1073.	0.6	0
146	Reply to Schierwagen et al.: $\beta$ -Arrestins in liver disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27085-27086.	3.3	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	$\beta$ -arrestin2 Is Necessary for Development of MPLW515L Mutant Primary Myelofibrosis. Blood, 2015, 126, 486-486.	0.6	0