

# Rory A Fisher

## List of Publications by Year in descending order

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67  
papers

2,221  
citations

147801  
31  
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233421  
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docs citations

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times ranked

2211  
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#	ARTICLE	IF	CITATIONS
1	Molecular Cloning of a Novel Variant of the Pituitary Adenylate Cyclase-activating Polypeptide (PACAP) Receptor That Stimulates Calcium Influx by Activation of L-type Calcium Channels. <i>Journal of Biological Chemistry</i> , 1996, 271, 32226-32232.	3.4	149
2	Cytoplasmic, Nuclear, and Golgi Localization of RGS Proteins. <i>Journal of Biological Chemistry</i> , 2000, 275, 24013-24021.	3.4	125
3	A Truncated Form of RGS3 Negatively Regulates G Protein-coupled Receptor Stimulation of Adenylyl Cyclase and Phosphoinositide Phospholipase C. <i>Journal of Biological Chemistry</i> , 1997, 272, 15481-15487.	3.4	110
4	RGS6, a Modulator of Parasympathetic Activation in Heart. <i>Circulation Research</i> , 2010, 107, 1345-1349.	4.5	104
5	Crystal structure of S -glutathiolated carbonic anhydrase III. <i>FEBS Letters</i> , 2000, 482, 237-241.	2.8	75
6	Regulator of G Protein Signaling 6 Mediates Doxorubicin-Induced ATM and p53 Activation by a Reactive Oxygen Species-Dependent Mechanism. <i>Cancer Research</i> , 2011, 71, 6310-6319.	0.9	72
7	Novel Alternative Splicing and Nuclear Localization of Human RGS12 Gene Products. <i>Journal of Biological Chemistry</i> , 2000, 275, 29660-29671.	3.4	65
8	Introduction. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 133, 1-11.	1.7	61
9	Protein mixed-disulfides in cardiac cells.S-thiolation of soluble proteins in response to diamide. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1985, 844, 50-54.	4.1	59
10	RGS6 Interacts with SCG10 and Promotes Neuronal Differentiation. <i>Journal of Biological Chemistry</i> , 2002, 277, 37832-37839.	3.4	58
11	Human RGS6 Gene Structure, Complex Alternative Splicing, and Role of N Terminus and G Protein $\beta$ -Subunit-like (GGL) Domain in Subcellular Localization of RGS6 Splice Variants. <i>Journal of Biological Chemistry</i> , 2003, 278, 30261-30271.	3.4	58
12	A Functional Polymorphism in RGS6 Modulates the Risk of Bladder Cancer. <i>Cancer Research</i> , 2004, 64, 6820-6826.	0.9	57
13	G-protein Inactivator RGS6 Mediates Myocardial Cell Apoptosis and Cardiomyopathy Caused By Doxorubicin. <i>Cancer Research</i> , 2013, 73, 1662-1667.	0.9	57
14	RGS12TS-S Localizes at Nuclear Matrix-Associated Subnuclear Structures and Represses Transcription: Structural Requirements for Subnuclear Targeting and Transcriptional Repression. <i>Molecular and Cellular Biology</i> , 2002, 22, 4334-4345.	2.3	51
15	RGS6 Interacts with DMAP1 and DNMT1 and Inhibits DMAP1 Transcriptional Repressor Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 14120-14128.	3.4	51
16	Genomic Organization and the 5' Flanking Region of the $\beta$ Subunit of the Human Amiloride-sensitive Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 1996, 271, 26062-26066.	3.4	50
17	Regulator of G Protein Signaling 6 (RGS6) Induces Apoptosis via a Mitochondrial-dependent Pathway Not Involving Its GTPase-activating Protein Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 1409-1419.	3.4	49
18	Regulator of G protein signaling 6 is a critical mediator of both reward-related behavioral and pathological responses to alcohol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E786-95.	7.1	48

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19	Mild Heat and Proteotoxic Stress Promote Unique Subcellular Trafficking and Nucleolar Accumulation of RGS6 and Other RGS Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 30272-30282.	3.4	45
20	Regulator of G Protein Signaling 6 (RGS6) Protein Ensures Coordination of Motor Movement by Modulating GABAB Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 4972-4981.	3.4	43
21	Regulator of G protein signaling 6 (RGS6) promotes anxiety and depression by attenuating serotonin-mediated activation of the 5-HT <sub>1A</sub> receptor-adenylyl cyclase axis. <i>FASEB Journal</i> , 2014, 28, 1735-1744.	0.5	42
22	RGS6 suppresses Ras-induced cellular transformation by facilitating Tip60-mediated Dnmt1 degradation and promoting apoptosis. <i>Oncogene</i> , 2014, 33, 3604-3611.	5.9	41
23	Defective Retinal Depolarizing Bipolar Cells in Regulators of G Protein Signaling (RGS) 7 and 11 Double Null Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 14873-14879.	3.4	40
24	Regulation of RGS3 and RGS10 Palmitoylation by GnRH. <i>Endocrinology</i> , 2002, 143, 1310-1317.	2.8	39
25	Genomic Organization of the Rat Pituitary Adenylate Cyclase-activating Polypeptide Receptor Gene. <i>Journal of Biological Chemistry</i> , 1997, 272, 12122-12131.	3.4	37
26	Regulator of G protein signaling 6 is a novel suppressor of breast tumor initiation and progression. <i>Carcinogenesis</i> , 2013, 34, 1747-1755.	2.8	37
27	Rgs6 is Required for Adult Maintenance of Dopaminergic Neurons in the Ventral Substantia Nigra. <i>PLoS Genetics</i> , 2014, 10, e1004863.	3.5	37
28	Characterization and Regulation of High Affinity Calcitonin Gene-Related Peptide Receptors in Cultured Neonatal Rat Cardiac Myocytes*. <i>Endocrinology</i> , 1991, 128, 2731-2738.	2.8	36
29	Regulators of G Protein Signaling Attenuate the G Protein-mediated Inhibition of N-Type Ca Channels. <i>Journal of General Physiology</i> , 1999, 113, 97-110.	1.9	36
30	Immunostaining. <i>Methods in Cell Biology</i> , 2013, 113, 81-105.	1.1	36
31	The Third Intracellular Domain of the Platelet-activating Factor Receptor Is a Critical Determinant in Receptor Coupling to Phosphoinositide Phospholipase C-activating G Proteins. <i>Journal of Biological Chemistry</i> , 1996, 271, 23146-23153.	3.4	33
32	In Vitro Evidence for Role of ERK, p38, and JNK in Exocrine Pancreatic Cytokine Production. <i>Journal of Gastrointestinal Surgery</i> , 2006, 10, 1376-1383.	1.7	33
33	RGS proteins in heart: brakes on the vagus. <i>Frontiers in Physiology</i> , 2012, 3, 95.	2.8	33
34	Platelet-activating factor increases inositol phosphate production and cytosolic free Ca <sup>2+</sup> concentrations in cultured rat Kupffer cells. <i>FEBS Letters</i> , 1989, 251, 22-26.	2.8	29
35	Stimulation and Homologous Desensitization of Calcitonin Gene-Related Peptide Receptors in Cultured Beating Rat Heart Cells*. <i>Endocrinology</i> , 1988, 123, 106-112.	2.8	28
36	RGS6 as a Novel Therapeutic Target in CNS Diseases and Cancer. <i>AAPS Journal</i> , 2016, 18, 560-572.	4.4	27

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37	Regulators of G protein signaling in cardiovascular function during pregnancy. <i>Physiological Genomics</i> , 2018, 50, 590-604.	2.3	26
38	Reduced mRNA Expression of RGS2 (Regulator of G Protein Signaling-2) in the Placenta Is Associated With Human Preeclampsia and Sufficient to Cause Features of the Disorder in Mice. <i>Hypertension</i> , 2020, 75, 569-579.	2.7	24
39	RGS6 is an essential tumor suppressor that prevents bladder carcinogenesis by promoting p53 activation and DNMT1 downregulation. <i>Oncotarget</i> , 2016, 7, 69159-69172.	1.8	23
40	Cholinergic receptor induction and JNK activation in acute pancreatitis. <i>American Journal of Surgery</i> , 2003, 186, 569-574.	1.8	17
41	Regulator of G Protein Signaling 3 Modulates Wnt5b Calcium Dynamics and Somite Patterning. <i>PLoS Genetics</i> , 2010, 6, e1001020.	3.5	16
42	Genomic Organization, 5' Flanking Region, and Chromosomal Localization of the Human RGS3 Gene. <i>Genomics</i> , 1997, 45, 429-433.	2.9	15
43	Bile-Pancreatic Juice Exclusion Promotes Akt/NF- $\kappa$ B Activation and Chemokine Production in Ligation-Induced Acute Pancreatitis. <i>Journal of Gastrointestinal Surgery</i> , 2006, 10, 950-959.	1.7	15
44	Regulator of G Protein Signaling 6 Protects the Heart from Ischemic Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 409-416.	2.5	15
45	Essentiality of Regulator of G Protein Signaling 6 and Oxidized Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase II in Notch Signaling and Cardiovascular Development. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	14
46	Age-dependent nigral dopaminergic neurodegeneration and $\alpha$ -synuclein accumulation in RGS6-deficient mice. <i>JCI Insight</i> , 2019, 4, .	5.0	14
47	Mutation of a Putative Amphipathic $\alpha$ -Helix in the Third Intracellular Domain of the Platelet-Activating Factor Receptor Disrupts Receptor/G Protein Coupling and Signaling. <i>Molecular Pharmacology</i> , 1998, 53, 451-458.	2.3	13
48	Two for the Price of One. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 133, 123-151.	1.7	13
49	Multiple affinity and guanine nucleotide sensitive forms of the calcitonin gene related peptide (CGRP) receptor. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995, 73, 968-973.	1.4	12
50	A Novel Mechanism Involving Coordinated Regulation of Nuclear Levels and Acetylation of NF- $\kappa$ B and Bcl6 Activates RGS4 Transcription. <i>Journal of Biological Chemistry</i> , 2010, 285, 29760-29769.	3.4	10
51	RGS Proteins as Critical Regulators of Motor Function and Their Implications in Parkinson's Disease. <i>Molecular Pharmacology</i> , 2020, 98, 730-738.	2.3	10
52	Chapter 5 Nuclear Trafficking of Regulator of G Protein Signaling Proteins and Their Roles in the Nucleus. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 86, 115-156.	1.7	9
53	Exacerbation of acute pancreatitis by combined cholinergic stimulation and duct obstruction. <i>American Journal of Surgery</i> , 2005, 190, 721-724.	1.8	7
54	Extramedullary leukemia behaving as solid cancer: clinical, histologic, and genetic clues to chemoresistance in organ sites. <i>American Journal of Hematology</i> , 2019, 94, 1200-1207.	4.1	6

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55	Bile-pancreatic juice exclusion increases cholinergic M3 and CCK-A receptor expression and interleukin-6 production in ligation-induced acute pancreatitis. <i>American Journal of Surgery</i> , 2004, 188, 511-515.	1.8	5
56	[3] Use of PCR for isolation of neuropeptide receptor genes. <i>Methods in Neurosciences</i> , 1995, 26, 29-44.	0.5	4
57	Î²-Adrenergic inhibition of AGEPC-stimulated Na <sup>+</sup> /Ca <sup>2+</sup> exchange and AGEPC-induced platelet activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1989, 1014, 195-202.	4.1	1
58	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 133, xi-xii.	1.7	1
59	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 86, xiii-xiv.	1.7	0
60	Co-Immunoprecipitation. <i>Methods in Cell Biology</i> , 2012, 112, 33-54.	1.1	0
61	Regulator of G protein signaling 6 (RGS6) is a critical modulator of reward behavior and dopamine signaling in the mesolimbic circuit. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
62	Regulators of G Protein Signaling (RGS) Function in Zebrafish Development. <i>FASEB Journal</i> , 2006, 20, A870.	0.5	0
63	Regulator of G protein Signaling 6 (RGS6) Modulates Doxorubicinâ€induced DNA Damage Signaling by Regulating ATM Activity. <i>FASEB Journal</i> , 2010, 24, 706.1.	0.5	0
64	Regulator of G Protein Signaling 6 (RGS6) ensures coordination of motor movement by modulating GABA B Receptor (GABA B R) signaling. <i>FASEB Journal</i> , 2012, 26, 972.8.	0.5	0
65	Regulator of G protein signaling 6 (RGS6) mediates doxorubicinâ€induced myocardial cell apoptosis and cardiomyopathy. <i>FASEB Journal</i> , 2013, 27, 1031.7.	0.5	0
66	Regulator of G Protein Signaling 6 (RGS6), a Novel Suppressor of Bladder Carcinogenesis. <i>FASEB Journal</i> , 2015, 29, 618.12.	0.5	0
67	Reduced Placental Expression of Regulator of Gâ€Protein Signalingâ€2 (RGS2) and Preeclampsia. <i>FASEB Journal</i> , 2018, 32, 911.6.	0.5	0