Joe B Blumer

List of Publications by Year in descending order

63 papers	1,614 citations	279798 23 h-index	330143 37 g-index
63 all docs	63 docs citations	63 times ranked	1442 citing authors

#	Article	IF	Citations
1	Addressing Race, Ethnicity, and Structural Inequality in Pharmacology Education and Assessment. FASEB Journal, 2022, 36, .	0.5	0
2	Design of a foundational sciences curriculum: Applying the ICAP framework to pharmacology education in integrated medical curricula. Pharmacology Research and Perspectives, 2021, 9, e00762.	2.4	16
3	The importance of collaboratively designing pharmacology education programs. Pharmacology Research and Perspectives, 2021, 9, e00773.	2.4	6
4	GÎ±i2 Signaling Regulates Inflammasome Priming and Cytokine Production by Biasing Macrophage Phenotype Determination. Journal of Immunology, 2019, 202, 1510-1520.	0.8	17
5	Activator of G protein signaling 3 modulates prostate tumor development and progression. Carcinogenesis, 2019, 40, 1504-1513.	2.8	9
6	G Protein Î± i/o/z. , 2018, , 1927-1940.		0
7	Activators of G-Protein Signaling (AGS). , 2018, , 133-140.		0
8	Regulation of Chemokine Signal Integration by Activator of G-Protein Signaling 4 (AGS4). Journal of Pharmacology and Experimental Therapeutics, 2017, 360, 424-433.	2.5	6
9	Activator of G-Protein Signaling 3â€“Induced Lysosomal Biogenesis Limits Macrophage Intracellular Bacterial Infection. Journal of Immunology, 2016, 196, 846-856.	0.8	31
10	Direct Coupling of a Seven-Transmembrane-Span Receptor to a GÎ±i G-Protein Regulatory Motif Complex. Molecular Pharmacology, 2015, 88, 231-237.	2.3	9
11	Bioluminescence Resonance Energy Transfer to Detect Protein-Protein Interactions in Live Cells. Methods in Molecular Biology, 2015, 1278, 457-465.	0.9	20
12	Activator of G-protein Signaling 3 Controls Renal Epithelial Cell Survival and ERK5 Activation. Journal of Molecular Signaling, 2015, 10, 6.	0.5	5
13	Glutathione S-Transferase P Influences Redox and Migration Pathways in Bone Marrow. PLoS ONE, 2014, 9, e107478.	2.5	15
14	EDD enhances cell survival and cisplatin resistance and is a therapeutic target for epithelial ovarian cancer. Carcinogenesis, 2014, 35, 1100-1109.	2.8	37
15	Activators of G Protein Signaling Exhibit Broad Functionality and Define a Distinct Core Signaling Triad. Molecular Pharmacology, 2014, 85, 388-396.	2.3	54
16	Defective Chemokine Signal Integration in Leukocytes Lacking Activator of G Protein Signaling 3 (AGS3). Journal of Biological Chemistry, 2014, 289, 10738-10747.	3.4	23
17	Group II Activators of G-protein Signaling. Methods in Enzymology, 2013, 522, 153-167.	1.0	11
18	Regulation of the G-protein Regulatory-GÎ±i Signaling Complex by Nonreceptor Guanine Nucleotide Exchange Factors. Journal of Biological Chemistry, 2013, 288, 3003-3015.	3.4	33

#	Article	IF	Citations
19	Assembly and Function of the Regulator of G protein Signaling 14 (RGS14)Â·H-Ras Signaling Complex in Live Cells Are Regulated by GÎ±i1 and GÎ±i-linked G Protein-coupled Receptors. Journal of Biological Chemistry, 2013, 288, 3620-3631.	3.4	38
20	Normal Autophagic Activity in Macrophages from Mice Lacking GÎ±i3, AGS3, or RGS19. PLoS ONE, 2013, 8, e81886.	2.5	15
21	Activator of G protein Signalingâ€3 (AGS3) regulates CXCR4 and CCR7 signaling in murine lymphocytes and bone marrowâ€derived dendritic cells. FASEB Journal, 2013, 27, 1095.4.	0.5	0
22	Regulation of the AGS4â€“Gα Interaction by Chemokine Receptors and the Nonâ€Receptor Guanine Nucleotide Exchange Factor Ricâ€8A. FASEB Journal, 2013, 27, 1095.7.	0.5	0
23	G-protein signaling modulator 1 deficiency accelerates cystic disease in an orthologous mouse model of autosomal dominant polycystic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21462-21467.	7.1	33
24	G Protein Beta/Gamma. , 2012, , 702-710.		0
25	GC-A. , 2012, , 769-769.		0
26	G Protein Alpha Transducin. , 2012, , 698-702.		0
27	Defective migration in Activator of G protein Signaling 3â€null leukocytes in response to CXCL12 and CCL19 stimulation. FASEB Journal, 2012, 26, 838.7.	0.5	0
28	Loss of activator of Gâ€protein signaling 3 impairs renal tubular regeneration following acute kidney injury in rodents. FASEB Journal, 2011, 25, 1844-1855.	0.5	52
29	Purification of Heterotrimeric G Protein Î± Subunits by GST-Ric-8 Association. Journal of Biological Chemistry, 2011, 286, 2625-2635.	3.4	59
30	G Protein-coupled Receptors and Resistance to Inhibitors of Cholinesterase-8A (Ric-8A) Both Regulate the Regulator of G Protein Signaling 14 (RGS14)Â·GÎ±i1 Complex in Live Cells. Journal of Biological Chemistry, 2011, 286, 38659-38669.	3.4	30
31	AKAP Signaling in Reinstated Cocaine Seeking Revealed by iTRAQ Proteomic Analysis. Journal of Neuroscience, 2011, 31, 5648-5658.	3.6	41
32	Receptor-regulated Interaction of Activator of G-protein Signaling-4 and GÎ±i. Journal of Biological Chemistry, 2010, 285, 20588-20594.	3.4	37
33	Regulation of the AGS3Â·GÎ±i Signaling Complex by a Seven-transmembrane Span Receptor*. Journal of Biological Chemistry, 2010, 285, 33949-33958.	3.4	44
34	Activator of G Protein Signaling 3 Promotes Epithelial Cell Proliferation in PKD. Journal of the American Society of Nephrology: JASN, 2010, 21, 1275-1280.	6.1	52
35	Distribution of Activator of G-Protein Signaling 3 within the Aggresomal Pathway: Role of Specific Residues in the Tetratricopeptide Repeat Domain and Differential Regulation by the AGS3 Binding Partners Gα and Mammalian Inscuteable. Molecular and Cellular Biology, 2010, 30, 1528-1540.	2.3	23
36	RECEPTORâ€REGULATED INTERACTION OF ACTIVATOR OF Gâ€PROTEIN SIGNALING 4 AND GIALPHA. FASEB Journal, 2010, 24, 587.8.	0.5	1

#	Article	IF	Citations
37	COUPLING OF A Gâ€PROTEIN COUPLED RECEPTOR TO THE AGS3â€Galphai SIGNALING COMPLEX. FASEB Journal, 2010, 24, 587.7.	0.5	0
38	Movement of Activator of Gâ€Protein Signaling 3 within the Aggresome Pathway. FASEB Journal, 2010, 24, 587.6.	0.5	0
39	Regulation of AGS3 and Gialpha1 interaction in living cells. FASEB Journal, 2009, 23, 584.4.	0.5	0
40	Interaction of AGS4 and Gialpha1 in living cells. FASEB Journal, 2009, 23, 584.7.	0.5	0
41	ACTIVATOR OF Gâ€PROTEIN SIGNALING 3: THE ROLE OF THE TETRATRICOPEPTIDE REPEAT DOMAIN IN REGULATING THE INTERACTION OF AGS3 WITH Gâ€PROTEIN.. FASEB Journal, 2009, 23, 584.6.	0.5	0
42	ACTIVATOR OF Gâ€PROTEIN SIGNALING 3: THE ROLE OF THE TETRATRICOPEPTIDE REPEAT DOMAIN IN SUBCELLULAR POSITIONING OF THE PROTEIN. FASEB Journal, 2009, 23, 584.5.	0.5	0
43	The PDZ and Band 4.1 Containing Protein Frmpd1 Regulates the Subcellular Location of Activator of G-protein Signaling 3 and Its Interaction with G-proteins. Journal of Biological Chemistry, 2008, 283, 24718-24728.	3.4	30
44	Activator of G Protein Signaling 3 Null Mice: I. Unexpected Alterations in Metabolic and Cardiovascular Function. Endocrinology, 2008, 149, 3842-3849.	2.8	58
45	The role of the tetratricopeptide repeat (TPR) domain of AGS3 in subcellular localization of the protein. FASEB Journal, 2008, 22, 908.3.	0.5	0
46	Selective regulation of Gâ€protein signaling pathways by AGS3. FASEB Journal, 2008, 22, 908.2.	0.5	0
47	Activator of Gâ€protein Signaling 3 null mice: unexpected alterations in metabolic and cardiovascular function. FASEB Journal, 2008, 22, 908.1.	0.5	0
48	The PDZ and Band 4.1 containing protein Frmpd1 influences the subcellular location of Activator of Gâ€• protein signaling 3 and its interaction with Gâ€proteins. FASEB Journal, 2008, 22, 908.4.	0.5	0
49	Mechanistic pathways and biological roles for receptor-independent activators of G-protein signaling. , 2007, 113, 488-506.		119
50	ACCESSORY PROTEINS FOR G PROTEINS: Partners in Signaling. Annual Review of Pharmacology and Toxicology, 2006, 46, 151-187.	9.4	171
51	Identification and characterization of a G-protein regulatory motif in WAVE1. FEBS Letters, 2006, 580, 1993-1998.	2.8	9
52	The G-protein regulatory (GPR) motif-containing Leuâ€“Glyâ€“Asn-enriched protein (LGN) and GiÎ±3 influence cortical positioning of the mitotic spindle poles at metaphase in symmetrically dividing mammalian cells. European Journal of Cell Biology, 2006, 85, 1233-1240.	3.6	42
53	AGS3 TPR domain interacting protein 2 (ATIPâ€2) influences AGS3 interaction with Gâ€protein.. FASEB Journal, 2006, 20, A256.	0.5	0
54	mPins modulates PSD-95 and SAP102 trafficking and influences NMDA receptor surface expression. Nature Cell Biology, 2005, 7, 1179-1190.	10.3	114

#	Article	IF	Citations
55	The Presence of a Leu-Gly-Asn Repeatâ€“Enriched Protein (LGN), a Putative Binding Partner of Transducin, in ROD Photoreceptors. , 2005, 46, 383.		26
56	AGS proteins: receptor-independent activators of G-protein signaling. Trends in Pharmacological Sciences, 2005, 26, 470-6.	8.7	81
57	Identification and Characterization of AGS4. Journal of Biological Chemistry, 2004, 279, 27567-27574.	3.4	46
58	Interaction of Activator of G-protein Signaling 3 (AGS3) with LKB1, a Serine/Threonine Kinase Involved in Cell Polarity and Cell Cycle Progression. Journal of Biological Chemistry, 2003, 278, 23217-23220.	3.4	57
59	Accessory Proteins for G Protein-Signaling Systems: Activators of G Protein Signaling and Other Nonreceptor Proteins Influencing the Activation State of G Proteins. Receptors and Channels, 2003, 9, 195-204.	1.1	2
60	Accessory Proteins for G Protein-Signaling Systems: Activators of G Protein Signaling and Other Nonreceptor Proteins Influencing the Activation State of G Proteins. Receptors and Channels, 2003, 9, 195-204.	1.1	26
61	Accessory proteins for G protein-signaling systems: activators of G protein signaling and other nonreceptor proteins influencing the activation state of G proteins. Receptors and Channels, 2003, 9, 195-204.	1.1	10
62	Expression Analysis and Subcellular Distribution of the Two G-protein Regulators AGS3 and LGN Indicate Distinct Functionality. Journal of Biological Chemistry, 2002, 277, 15897-15903.	3.4	106
63	Ags3. The AFCS-nature Molecule Pages, 0, , .	0.2	0