William E Miller

List of Publications by Year
in descending order

47	3,669	218677	243625
papers	citations	26 h-index	44 g-index

49	49	49	3224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	beta -Arrestin 2: A Receptor-Regulated MAPK Scaffold for the Activation of JNK3. , 2000, 290, 1574-1577.		752
2	Expanding roles for Î²-arrestins as scaffolds and adapters in GPCR signaling and trafficking. Current Opinion in Cell Biology, 2001, 13, 139-145.	5.4	312
3	Â-Arrestin inhibits NF-ÂB activity by means of its interaction with the NF-ÂB inhibitor IÂBÂ. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8603-8607.	7.1	229
4	Desensitization, internalization, and signaling functions of Â-arrestins demonstrated by RNA interference. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1740-1744.	7.1	210
5	Î²-Arrestin-mediated ADP-ribosylation Factor 6 Activation and Î²2-Adrenergic Receptor Endocytosis. Journal of Biological Chemistry, 2001, 276, 42509-42513.	3.4	204
6	Î²-Arrestin1 Interacts with the Catalytic Domain of the Tyrosine Kinase c-SRC. Journal of Biological Chemistry, 2000, 275, 11312-11319.	3.4	180
7	Herpes Simplex Virus Type 1 Induction of Persistent NF-ÎºB Nuclear Translocation Increases the Efficiency of Virus Replication. Virology, 1998, 247, 212-222.	2.4	161
8	Identification of a Motif in the Carboxyl Terminus of Î²-Arrestin2 Responsible for Activation of JNK3. Journal of Biological Chemistry, 2001, 276, 27770-27777.	3.4	130
9	Î²-Arrestin/AP-2 Interaction in G Protein-coupled Receptor Internalization. Journal of Biological Chemistry, 2002, 277, 9247-9254.	3.4	126
10	Feedback Regulation of Î²-Arrestin1 Function by Extracellular Signal-regulated Kinases. Journal of Biological Chemistry, 1999, 274, 15971-15974.	3.4	123
11	Î²-Arrestin-mediated Recruitment of the Src Family Kinase Yes Mediates Endothelin-1-stimulated Glucose Transport. Journal of Biological Chemistry, 2001, 276, 43663-43667.	3.4	115
12	Matrix Metalloproteinase 9 Expression Is Induced by Epstein-Barr Virus Latent Membrane Protein 1 C-Terminal Activation Regions 1 and 2. Journal of Virology, 1999, 73, 5548-5555.	3.4	109
13	The NPC derived C15 LMP1 protein confers enhanced activation of NF-ÎºB and induction of the EGFR in epithelial cells. Oncogene, 1998, 16, 1869-1877.	5.9	99
14	G-protein-coupled Receptor (GPCR) Kinase Phosphorylation and Î²-Arrestin Recruitment Regulate the Constitutive Signaling Activity of the Human Cytomegalovirus US28 GPCR. Journal of Biological Chemistry, 2003, 278, 21663-21671.	3.4	94
15	Interaction of Tumor Necrosis Factor Receptor-Associated Factor Signaling Proteins with the Latent Membrane Protein 1 PXQXT Motif Is Essential for Induction of Epidermal Growth Factor Receptor Expression. Molecular and Cellular Biology, 1998, 18, 2835-2844.	2.3	81
16	US28: HCMVâ€™s Swiss Army Knife. Viruses, 2018, 10, 445.	3.3	58
17	Arrestins as Regulators of Kinases and Phosphatases. Progress in Molecular Biology and Translational Science, 2013, 118, 115-147.	1.7	51
18	Human cytomegalovirus G protein-coupled receptor US28 promotes latency by attenuating c-fos. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1755-1764.	7.1	51

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19	Epithelial Gpr116 regulates pulmonary alveolar homeostasis via Gq/11 signaling. JCI Insight, 2017, 2, .	5.0	47
20	The A20 Protein Interacts with the Epsteinâ€“Barr Virus Latent Membrane Protein 1 (LMP1) and Alters the LMP1/TRAF1/TRADD Complex. Virology, 1999, 264, 159-166.	2.4	46
21	The Adaptor Protein Î²-Arrestin2 Enhances Endocytosis of the Low Density Lipoprotein Receptor. Journal of Biological Chemistry, 2003, 278, 44238-44245.	3.4	45
22	US28 Is a Potent Activator of Phospholipase C during HCMV Infection of Clinically Relevant Target Cells. PLoS ONE, 2012, 7, e50524.	2.5	45
23	Cytomegalovirus Restructures Lipid Rafts via a US28/CDC42-Mediated Pathway, Enhancing Cholesterol Efflux from Host Cells. Cell Reports, 2016, 16, 186-200.	6.4	39
24	Pertussis Toxin Signals through the TCR to Initiate Cross-Desensitization of the Chemokine Receptor CXCR4. Journal of Immunology, 2009, 182, 5730-5739.	0.8	38
25	The Carboxy-Terminal Tail of Human Cytomegalovirus (HCMV) US28 Regulates both Chemokine-Independent and Chemokine-Dependent Signaling in HCMV-Infected Cells. Journal of Virology, 2009, 83, 10016-10027.	3.4	33
26	G Protein-coupled Receptor (GPCR) Kinase 2 Regulates Agonist-independent Gq/11 Signaling from the Mouse Cytomegalovirus GPCR M33. Journal of Biological Chemistry, 2006, 281, 39796-39805.	3.4	32
27	The EGFR as a target for viral oncoproteins. Trends in Microbiology, 1999, 7, 453-458.	7.7	31
28	The HCMV US28 vGPCR induces potent GÎ±q/PLC-Î² signaling in monocytes leading to increased adhesion to endothelial cells. Virology, 2016, 497, 233-243.	2.4	30
29	Functional analysis of human cytomegalovirus pUS28 mutants in infected cells. Journal of General Virology, 2008, 89, 97-105.	2.9	26
30	The M33 G Protein-Coupled Receptor Encoded by Murine Cytomegalovirus Is Dispensable for Hematogenous Dissemination but Is Required for Growth within the Salivary Gland. Journal of Virology, 2014, 88, 11811-11824.	3.4	24
31	Pertussis Toxin Utilizes Proximal Components of the T-Cell Receptor Complex To Initiate Signal Transduction Events in T Cells. Infection and Immunity, 2007, 75, 4040-4049.	2.2	23
32	Activation of Intracellular Signaling Pathways by the Murine Cytomegalovirus G Protein-Coupled Receptor M33 Occurs via PLC-Î²/PKC-Dependent and -Independent Mechanisms. Journal of Virology, 2009, 83, 8141-8152.	3.4	23
33	Î²-Arrestin Regulation of Myosin Light Chain Phosphorylation Promotes AT1aR-mediated Cell Contraction and Migration. PLoS ONE, 2013, 8, e80532.	2.5	23
34	Desensitization of herpesvirus-encoded G protein-coupled receptors. Life Sciences, 2008, 82, 125-134.	4.3	10
35	Mechanistic Insight into Pertussis Toxin and Lectin Signaling Using T Cells Engineered To Express a CD8Î±/CD3Î¶ Chimeric Receptor. Biochemistry, 2012, 51, 4126-4137.	2.5	10
36	Signaling and regulation of G-protein coupled receptors encoded by cytomegaloviruses. Biochemistry and Cell Biology, 2004, 82, 636-642.	2.0	9

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37	The human cytomegalovirus lytic cycle is induced by 1,25-dihydroxyvitamin D3 in peripheral blood monocytes and in the THP-1 monocytic cell line. Virology, 2015, 483, 83-95.	2.4	9
38	The Human Cytomegalovirus Chemokine vCXCL-1 Modulates Normal Dissemination Kinetics of Murine Cytomegalovirus In Vivo. MBio, 2019, 10, .	4.1	9
39	Development of a Primary Human Cell Model for the Study of Human Cytomegalovirus Replication and Spread within Salivary Epithelium. Journal of Virology, 2019, 93, .	3.4	7
40	AB569, a nontoxic chemical tandem that kills major human pathogenic bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4921-4930.	7.1	6
41	Methods for Studying the Function of Cytomegalovirus GPCRs. Methods in Molecular Biology, 2014, 1119, 133-164.	0.9	5
42	Isolation of Salivary Epithelial Cells from Human Salivary Glands for In Vitro Growth as Salispheres or Monolayers. Journal of Visualized Experiments, 2019, , .	0.3	4
43	A little cooperation helps murine cytomegalovirus (MCMV) go a long way: MCMV co-infection rescues a chemokine salivary gland defect. Journal of General Virology, 2016, 97, 2957-2972.	2.9	4
44	Methods for Studying the Function of Cytomegalovirus GPCRs. Methods in Molecular Biology, 2021, 2244, 159-197.	0.9	3
45	Rescue of Pentamer-Null Strains of Human Cytomegalovirus in Epithelial Cells by Use of Histone Deacetylase Inhibitors Reveals an Additional Postentry Function for the Pentamer Complex. Journal of Virology, 2022, 96, e0003122.	3.4	1
46	Pertussis Toxin B-Pentamer Mediates Intercellular Transfer of Membrane Proteins and Lipids. PLoS ONE, 2013, 8, e72885.	2.5	0
47	The Human Cytomegalovirus Encoded GPCR US28 Exhibits Constitutive Signaling in Productively Infected Glioblastoma Cells. FASEB Journal, 2010, 24, 769.2.	0.5	0