

John H Kehrl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5518804/publications.pdf>

Version: 2024-02-01

160
papers

23,133
citations

20036

63
h-index

9346

148
g-index

164
all docs

164
docs citations

164
times ranked

37752
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 4.3 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 4.3 | 3,122 |
| 3 | Production of transforming growth factor beta by human T lymphocytes and its potential role in the regulation of T cell growth.. <i>Journal of Experimental Medicine</i> , 1986, 163, 1037-1050. | 4.2 | 1,541 |
| 4 | Activation of autophagy by inflammatory signals limits IL-1 β production by targeting ubiquitinated inflammasomes for destruction. <i>Nature Immunology</i> , 2012, 13, 255-263. | 7.0 | 1,164 |
| 5 | RGS family members: GTPase-activating proteins for heterotrimeric G-protein $\beta\gamma$ -subunits. <i>Nature</i> , 1996, 383, 172-175. | 13.7 | 543 |
| 6 | Inhibition of G-protein-mediated MAP kinase activation by a new mammalian gene family. <i>Nature</i> , 1996, 379, 742-746. | 13.7 | 451 |
| 7 | β -Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. <i>Cell</i> , 2020, 183, 1520-1535.e14. | 13.5 | 441 |
| 8 | SARS-Coronavirus Open Reading Frame-9b Suppresses Innate Immunity by Targeting Mitochondria and the MAVS/TRAF3/TRAF6 Signalosome. <i>Journal of Immunology</i> , 2014, 193, 3080-3089. | 0.4 | 410 |
| 9 | TRAF6 and A20 Regulate Lysine 63-Linked Ubiquitination of Beclin-1 to Control TLR4-Induced Autophagy. <i>Science Signaling</i> , 2010, 3, ra42. | 1.6 | 396 |
| 10 | SARS-Coronavirus Open Reading Frame-8b triggers intracellular stress pathways and activates NLRP3 inflammasomes. <i>Cell Death Discovery</i> , 2019, 5, 101. | 2.0 | 357 |
| 11 | MyD88 and Trif Target Beclin 1 to Trigger Autophagy in Macrophages. <i>Journal of Biological Chemistry</i> , 2008, 283, 33175-33182. | 1.6 | 335 |
| 12 | Active Suppression of Interneuron Programs within Developing Motor Neurons Revealed by Analysis of Homeodomain Factor HB9. <i>Neuron</i> , 1999, 23, 675-687. | 3.8 | 328 |
| 13 | Pancreas dorsal lobe agenesis and abnormal islets of Langerhans in Hlx9-deficient mice. <i>Nature Genetics</i> , 1999, 23, 71-75. | 9.4 | 303 |
| 14 | A second human interleukin-2 binding protein that may be a component of high-affinity interleukin-2 receptors. <i>Nature</i> , 1987, 327, 518-522. | 13.7 | 301 |
| 15 | CD22, A B LYMPHOCYTE-SPECIFIC ADHESION MOLECULE THAT REGULATES ANTIGEN RECEPTOR SIGNALING*. <i>Annual Review of Immunology</i> , 1997, 15, 481-504. | 9.5 | 298 |
| 16 | RGS2 regulates signal transduction in olfactory neurons by attenuating activation of adenylyl cyclase III. <i>Nature</i> , 2001, 409, 1051-1055. | 13.7 | 249 |
| 17 | Interleukin 2 receptors on human B cells. Implications for the role of interleukin 2 in human B cell function.. <i>Journal of Experimental Medicine</i> , 1985, 161, 181-197. | 4.2 | 246 |
| 18 | Tumor Necrosis Factor Signaling to Stress-activated Protein Kinase (SAPK)/Jun NH2-terminal Kinase (JNK) and p38. <i>Journal of Biological Chemistry</i> , 1998, 273, 22681-22692. | 1.6 | 244 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Activation of the SAPK pathway by the human STE20 homologue germinal centre kinase. <i>Nature</i> , 1995, 377, 750-754. | 13.7 | 218 |
| 20 | Transcription Profiling of Platelet-Derived Growth Factor-B-Deficient Mouse Embryos Identifies RGS5 as a Novel Marker for Pericytes and Vascular Smooth Muscle Cells. <i>American Journal of Pathology</i> , 2003, 162, 721-729. | 1.9 | 215 |
| 21 | SARS-Coronavirus Open Reading Frame-3a drives multimodal necrotic cell death. <i>Cell Death and Disease</i> , 2018, 9, 904. | 2.7 | 196 |
| 22 | Rgs1 and Gnai2 Regulate the Entrance of B Lymphocytes into Lymph Nodes and B Cell Motility within Lymph Node Follicles. <i>Immunity</i> , 2005, 22, 343-354. | 6.6 | 185 |
| 23 | Heterotrimeric G Protein Signaling: Roles in Immune Function and Fine-Tuning by RGS Proteins. <i>Immunity</i> , 1998, 8, 1-10. | 6.6 | 173 |
| 24 | Omega-3 Free Fatty Acids Suppress Macrophage Inflammasome Activation by Inhibiting NF- κ B Activation and Enhancing Autophagy. <i>PLoS ONE</i> , 2014, 9, e97957. | 1.1 | 172 |
| 25 | Pericyte-specific expression of Rgs5: implications for PDGF and EDG receptor signaling during vascular maturation. <i>FASEB Journal</i> , 2003, 17, 1-17. | 0.2 | 170 |
| 26 | Autophagy and inflammasomes. <i>Molecular Immunology</i> , 2017, 86, 10-15. | 1.0 | 167 |
| 27 | Tumor Necrosis Factor (TNF)-induced Germinal Center Kinase-related (GCKR) and Stress-activated Protein Kinase (SAPK) Activation Depends upon the E2/E3 Complex Ubc13-Uev1A/TNF Receptor-associated Factor 2 (TRAF2). <i>Journal of Biological Chemistry</i> , 2003, 278, 15429-15434. | 1.6 | 157 |
| 28 | cDNA cloning of the B cell membrane protein CD22: a mediator of B-B cell interactions. <i>Journal of Experimental Medicine</i> , 1991, 173, 137-146. | 4.2 | 155 |
| 29 | Ric-8A and G α Recruit LGN, NuMA, and Dynein to the Cell Cortex To Help Orient the Mitotic Spindle. <i>Molecular and Cellular Biology</i> , 2010, 30, 3519-3530. | 1.1 | 153 |
| 30 | RGS2: a multifunctional regulator of G-protein signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 432-438. | 1.2 | 133 |
| 31 | ICF, an immunodeficiency syndrome: DNA methyltransferase 3B involvement, chromosome anomalies, and gene dysregulation. <i>Autoimmunity</i> , 2008, 41, 253-271. | 1.2 | 130 |
| 32 | Identification of RGS2 and Type V Adenylyl Cyclase Interaction Sites. <i>Journal of Biological Chemistry</i> , 2003, 278, 15842-15849. | 1.6 | 127 |
| 33 | Transcription Factor B-Cell-Specific Activator Protein (BSAP) Is Differentially Expressed in B Cells and in Subsets of B-Cell Lymphomas. <i>Blood</i> , 1998, 92, 1308-1316. | 0.6 | 125 |
| 34 | RGS13 Regulates Germinal Center B Lymphocytes Responsiveness to CXC Chemokine Ligand (CXCL)12 and CXCL13. <i>Journal of Immunology</i> , 2002, 169, 2507-2515. | 0.4 | 125 |
| 35 | Regulator of G Protein Signaling 1 (RGS1) Markedly Impairs G α Signaling Responses of B Lymphocytes. <i>Journal of Immunology</i> , 2000, 164, 1829-1838. | 0.4 | 113 |
| 36 | Regulation of Chemotactic and Proadhesive Responses to Chemoattractant Receptors by RGS (Regulator of G-protein Signaling) Family Members. <i>Journal of Biological Chemistry</i> , 1998, 273, 28040-28048. | 1.6 | 111 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Toll-Like Receptor Signaling Alters the Expression of Regulator of G Protein Signaling Proteins in Dendritic Cells: Implications for G Protein-Coupled Receptor Signaling. <i>Journal of Immunology</i> , 2004, 172, 5175-5184. | 0.4 | 110 |
| 38 | Long term monitoring of immunoreactive endothelin-1 and endothelin-3 in ventricular cerebrospinal fluid, plasma, and 24-h urine of patients with subarachnoid hemorrhage. <i>Research in Experimental Medicine</i> , 1992, 192, 257-268. | 0.7 | 105 |
| 39 | RGS3 Inhibits G Protein-Mediated Signaling via Translocation to the Membrane and Binding to G β . <i>Molecular and Cellular Biology</i> , 1999, 19, 714-723. | 1.1 | 105 |
| 40 | Abnormal B-Cell Responses to Chemokines, Disturbed Plasma Cell Localization, and Distorted Immune Tissue Architecture in Rgs1 $^{-/-}$ Mice. <i>Molecular and Cellular Biology</i> , 2004, 24, 5767-5775. | 1.1 | 105 |
| 41 | Activation of Stress-activated Protein Kinase/c-Jun N-terminal Kinase, but Not NF- κ B, by the Tumor Necrosis Factor (TNF) Receptor 1 through a TNF Receptor-associated Factor 2- and Germinal Center Kinase Related-dependent Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 32102-32107. | 1.6 | 103 |
| 42 | Neutrophil Recruitment to Lymph Nodes Limits Local Humoral Response to Staphylococcus aureus. <i>PLoS Pathogens</i> , 2015, 11, e1004827. | 2.1 | 102 |
| 43 | Constitutively active ezrin increases membrane tension, slows migration, and impedes endothelial transmigration of lymphocytes in vivo in mice. <i>Blood</i> , 2012, 119, 445-453. | 0.6 | 101 |
| 44 | Potential Role for a Regulator of G Protein Signaling (RGS3) in Gonadotropin-Releasing Hormone (GnRH) Stimulated Desensitization. <i>Endocrinology</i> , 1997, 138, 843-846. | 1.4 | 94 |
| 45 | B Lymphocytes Exit Lymph Nodes through Cortical Lymphatic Sinusoids by a Mechanism Independent of Sphingosine-1-Phosphate-Mediated Chemotaxis. <i>Immunity</i> , 2009, 30, 434-446. | 6.6 | 94 |
| 46 | IL-7 induces expression and activation of integrin α 4 β 7 promoting naive T-cell homing to the intestinal mucosa. <i>Blood</i> , 2012, 120, 2610-2619. | 0.6 | 92 |
| 47 | A conserved mechanism of TOR-dependent RCK-mediated mRNA degradation regulates autophagy. <i>Nature Cell Biology</i> , 2015, 17, 930-942. | 4.6 | 91 |
| 48 | The aorta and heart differentially express RGS (regulators of G-protein signalling) proteins that selectively regulate sphingosine 1-phosphate, angiotensin II and endothelin-1 signalling. <i>Biochemical Journal</i> , 2003, 371, 973-980. | 1.7 | 90 |
| 49 | RGS14, a GTPase-Activating Protein for G β , Attenuates G β - and G13 β -Mediated Signaling Pathways. <i>Molecular Pharmacology</i> , 2000, 58, 569-576. | 1.0 | 89 |
| 50 | Hematopoietic lineage commitment: Role of transcription factors. <i>Stem Cells</i> , 1995, 13, 223-241. | 1.4 | 88 |
| 51 | Involvement of p72syk kinase, p53/56lyn kinase and phosphatidylinositol-3 kinase in signal transduction via the human B lymphocyte antigen CD22. <i>European Journal of Immunology</i> , 1996, 26, 1246-1252. | 1.6 | 82 |
| 52 | CD22 Cross-Linking Generates B-Cell Antigen Receptor-Independent Signals That Activate the JNK/SAPK Signaling Cascade. <i>Blood</i> , 1999, 94, 1382-1392. | 0.6 | 81 |
| 53 | The HIV-1 envelope protein gp120 impairs B cell proliferation by inducing TGF- β 1 production and FcRL4 expression. <i>Nature Immunology</i> , 2013, 14, 1256-1265. | 7.0 | 81 |
| 54 | Rgs5 Targeting Leads to Chronic Low Blood Pressure and a Lean Body Habitus. <i>Molecular and Cellular Biology</i> , 2008, 28, 2590-2597. | 1.1 | 78 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Cutting Edge: Regulator of G Protein Signaling-1 Selectively Regulates Gut T Cell Trafficking and Colitic Potential. <i>Journal of Immunology</i> , 2011, 187, 2067-2071. | 0.4 | 78 |
| 56 | RGS3 Is a GTPase-Activating Protein for G ₁₂ and G _q and a Potent Inhibitor of Signaling by GTPase-Deficient Forms of G _q and G ₁₁ . <i>Molecular Pharmacology</i> , 2000, 58, 719-728. | 1.0 | 77 |
| 57 | G13 β -mediated PYK2 Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 24470-24476. | 1.6 | 75 |
| 58 | PL1/Pip and Basic Helix Loop Helix Zipper Transcription Factors Interact With Binding Sites in the CD20 Promoter to Help Confer Lineage- and Stage-Specific Expression of CD20 in B Lymphocytes. <i>Blood</i> , 1997, 90, 3984-3995. | 0.6 | 74 |
| 59 | Expression of GTPase-deficient G β 2 Results in Translocation of Cytoplasmic RGS4 to the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 1998, 273, 18405-18410. | 1.6 | 74 |
| 60 | Traf6 and A20 differentially regulate TLR4-Induced autophagy by affecting the ubiquitination of Beclin 1. <i>Autophagy</i> , 2010, 6, 986-987. | 4.3 | 72 |
| 61 | Molecular mechanisms regulating CD19, CD20 and CD22 gene expression. <i>Trends in Immunology</i> , 1994, 15, 432-436. | 7.5 | 69 |
| 62 | Localization of G β proteins in the centrosomes and at the midbody: implication for their role in cell division. <i>Journal of Cell Biology</i> , 2007, 178, 245-255. | 2.3 | 68 |
| 63 | The G12 family of heterotrimeric G proteins and Rho GTPase mediate Sonic hedgehog signalling. <i>Genes To Cells</i> , 2004, 9, 49-58. | 0.5 | 66 |
| 64 | Chemoattractant Receptor Signaling and the Control of Lymphocyte Migration. <i>Immunologic Research</i> , 2006, 34, 211-228. | 1.3 | 66 |
| 65 | Binding and functional effects of thyroid stimulating hormone on human immune cells. <i>Journal of Clinical Immunology</i> , 1990, 10, 204-210. | 2.0 | 63 |
| 66 | RGS1 and RGS13 mRNA silencing in a human B lymphoma line enhances responsiveness to chemoattractants and impairs desensitization. <i>Journal of Leukocyte Biology</i> , 2006, 79, 1357-1368. | 1.5 | 62 |
| 67 | Lymph node B lymphocyte trafficking is constrained by anatomy and highly dependent upon chemoattractant desensitization. <i>Blood</i> , 2012, 119, 978-989. | 0.6 | 61 |
| 68 | Autophagy in Macrophages: Impacting Inflammation and Bacterial Infection. <i>Scientifica</i> , 2014, 2014, 1-13. | 0.6 | 59 |
| 69 | Natriuretic Peptides Inhibit G Protein Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 7365-7372. | 1.6 | 58 |
| 70 | Regulator of G-protein Signaling 3 (RGS3) Inhibits G β 1 γ 2-induced Inositol Phosphate Production, Mitogen-activated Protein Kinase Activation, and Akt Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 24293-24300. | 1.6 | 57 |
| 71 | Roles of autophagy in HIV infection. <i>Immunology and Cell Biology</i> , 2015, 93, 11-17. | 1.0 | 57 |
| 72 | PYK2 Links G β and G13 β Signaling to NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 31845-31850. | 1.6 | 56 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Roles for phosphoinositide 3-kinases, Bruton's tyrosine kinase, and Jun kinases in B lymphocyte chemotaxis and homing. <i>European Journal of Immunology</i> , 2006, 36, 1285-1295. | 1.6 | 56 |
| 74 | Inhibition of regulator of G protein signaling function by two mutant RGS4 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 12851-12856. | 3.3 | 54 |
| 75 | B Cells Productively Engage Soluble Antigen-Pulsed Dendritic Cells: Visualization of Live-Cell Dynamics of B Cell-Dendritic Cell Interactions. <i>Journal of Immunology</i> , 2005, 175, 7125-7134. | 0.4 | 52 |
| 76 | Impaired Trafficking of α and β T Lymphocytes: Implications for T Cell Movement within Lymph Nodes. <i>Journal of Immunology</i> , 2007, 179, 439-448. | 0.4 | 52 |
| 77 | TLR4 signaling augments B lymphocyte migration and overcomes the restriction that limits access to germinal center dark zones. <i>Journal of Experimental Medicine</i> , 2009, 206, 2641-2657. | 4.2 | 51 |
| 78 | Human B cell activation and cell cycle progression: stimulation with anti- α and <i>Staphylococcus aureus</i> Cowan strain I. <i>European Journal of Immunology</i> , 1984, 14, 115-121. | 1.6 | 49 |
| 79 | Pyk2 Amplifies Epidermal Growth Factor and c-Src-induced Stat3 Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 17224-17231. | 1.6 | 49 |
| 80 | Virion incorporation of integrin α facilitates HIV-1 infection and intestinal homing. <i>Science Immunology</i> , 2017, 2, . | 5.6 | 49 |
| 81 | Regulation of Chemokine-Induced Lymphocyte Migration by RGS Proteins. <i>Methods in Enzymology</i> , 2004, 389, 15-32. | 0.4 | 48 |
| 82 | Ascorbic Acid Transport and Distribution in Human B Lymphocytes. <i>Archives of Biochemistry and Biophysics</i> , 1995, 317, 208-214. | 1.4 | 47 |
| 83 | RGS3 interacts with 14-3-3 via the N-terminal region distinct from the RGS (regulator of G-protein) Tj ETQq1 1 0.784314 rgBT /Overlook | 1.7 | 46 |
| 84 | RGS14 Is a Centrosomal and Nuclear Cytoplasmic Shuttling Protein That Traffics to Promyelocytic Leukemia Nuclear Bodies Following Heat Shock. <i>Journal of Biological Chemistry</i> , 2005, 280, 805-814. | 1.6 | 44 |
| 85 | Potential Role for a Regulator of G Protein Signaling (RGS3) in Gonadotropin-Releasing Hormone (GnRH) Stimulated Desensitization. , 0, . | | 43 |
| 86 | Bcl-2 regulates pyroptosis and necroptosis by targeting BH3-like domains in GSDMD and MLKL. <i>Cell Death Discovery</i> , 2019, 5, 151. | 2.0 | 42 |
| 87 | AKT Regulates NLRP3 Inflammasome Activation by Phosphorylating NLRP3 Serine 5. <i>Journal of Immunology</i> , 2020, 205, 2255-2264. | 0.4 | 42 |
| 88 | The impact of RGS and other G-protein regulatory proteins on α -mediated signaling in immunity. <i>Biochemical Pharmacology</i> , 2016, 114, 40-52. | 2.0 | 41 |
| 89 | The Transcription Factor EB Links Cellular Stress to the Immune Response. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 301-315. | 0.2 | 40 |
| 90 | TANK Potentiates Tumor Necrosis Factor Receptor-Associated Factor-Mediated c-Jun N-Terminal Kinase/Stress-Activated Protein Kinase Activation through the Germinal Center Kinase Pathway. <i>Molecular and Cellular Biology</i> , 1999, 19, 6665-6672. | 1.1 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Role of TRAF2/GCK in melanoma sensitivity to UV-induced apoptosis. <i>Oncogene</i> , 2000, 19, 933-942. | 2.6 | 37 |
| 92 | CCL2 deficient mesenchymal stem cells fail to establish long-lasting contact with T cells and no longer ameliorate lupus symptoms. <i>Scientific Reports</i> , 2017, 7, 41258. | 1.6 | 35 |
| 93 | Additional 5' Exons in the RGS3 Locus Generate Multiple mRNA Transcripts, One of Which Accounts for the Origin of Human PDZ-RGS3. <i>Genomics</i> , 2002, 79, 860-868. | 1.3 | 34 |
| 94 | The direct effects of interleukin 1, interleukin 2, Interferon- γ , Interferon- β , B-cell growth factor, and a B-cell differentiation factor on resting and activated human B cells. <i>Cellular Immunology</i> , 1985, 96, 38-48. | 1.4 | 33 |
| 95 | Chapter 9 Regulation of Immune Function by G Protein-Coupled Receptors, Trimeric G Proteins, and RGS Proteins. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 86, 249-298. | 0.9 | 33 |
| 96 | Okadaic acid is a potent inducer of AP-1, NF- κ B, and tumor necrosis factor- α in human B lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 51-57. | 1.0 | 32 |
| 97 | GCKR Links the Bcr-Abl Oncogene and Ras to the Stress-Activated Protein Kinase Pathway. <i>Blood</i> , 1999, 93, 1338-1345. | 0.6 | 32 |
| 98 | The Loss of RGS Protein-G α Interactions Results in Markedly Impaired Mouse Neutrophil Trafficking to Inflammatory Sites. <i>Molecular and Cellular Biology</i> , 2012, 32, 4561-4571. | 1.1 | 32 |
| 99 | Chemoattract Receptor Signaling and Its Role in Lymphocyte Motility and Trafficking. <i>Current Topics in Microbiology and Immunology</i> , 2009, 334, 107-127. | 0.7 | 31 |
| 100 | Activator of G-Protein Signaling 3 Induced Lysosomal Biogenesis Limits Macrophage Intracellular Bacterial Infection. <i>Journal of Immunology</i> , 2016, 196, 846-856. | 0.4 | 31 |
| 101 | G-Protein-Coupled Receptor Signaling, RGS Proteins, and Lymphocyte Function. <i>Critical Reviews in Immunology</i> , 2004, 24, 16. | 1.0 | 31 |
| 102 | Pro- and anti-apoptotic dual functions of the C5a receptor: involvement of regulator of G protein signaling 3 and extracellular signal-regulated kinase. <i>Laboratory Investigation</i> , 2009, 89, 676-694. | 1.7 | 30 |
| 103 | RGS4 and RGS2 Bind Coatamer and Inhibit COPI Association with Golgi Membranes and Intracellular Transport. <i>Molecular Biology of the Cell</i> , 2000, 11, 3155-3168. | 0.9 | 29 |
| 104 | β -Agonist-associated Reduction in RGS5 Expression Promotes Airway Smooth Muscle Hyper-responsiveness. <i>Journal of Biological Chemistry</i> , 2011, 286, 11444-11455. | 1.6 | 28 |
| 105 | Rgs13 Constrains Early B Cell Responses and Limits Germinal Center Sizes. <i>PLoS ONE</i> , 2013, 8, e60139. | 1.1 | 28 |
| 106 | The Loss of Gnai2 and Gnai3 in B Cells Eliminates B Lymphocyte Compartments and Leads to a Hyper-IgM Like Syndrome. <i>PLoS ONE</i> , 2013, 8, e72596. | 1.1 | 28 |
| 107 | Isolation and Characterization of TGF- β 2 and TGF- β 5 from Medium Conditioned by Xenopus XTC Cells. <i>Growth Factors</i> , 1990, 2, 135-147. | 0.5 | 27 |
| 108 | The Mitogen-Activated Protein Kinase Kinase Kinase Kinase GCKR Positively Regulates Canonical and Noncanonical Wnt Signaling in B Lymphocytes. <i>Molecular and Cellular Biology</i> , 2006, 26, 6511-6521. | 1.1 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Implications of non-canonical G-protein signaling for the immune system. <i>Cellular Signalling</i> , 2014, 26, 1269-1282. | 1.7 | 26 |
| 110 | Canonical and Noncanonical G-Protein Signaling Helps Coordinate Actin Dynamics To Promote Macrophage Phagocytosis of Zymosan. <i>Molecular and Cellular Biology</i> , 2014, 34, 4186-4199. | 1.1 | 24 |
| 111 | Cytochrome c Negatively Regulates NLRP3 Inflammasomes. <i>PLoS ONE</i> , 2016, 11, e0167636. | 1.1 | 24 |
| 112 | Defective Chemokine Signal Integration in Leukocytes Lacking Activator of G Protein Signaling 3 (AGS3). <i>Journal of Biological Chemistry</i> , 2014, 289, 10738-10747. | 1.6 | 23 |
| 113 | An Essential Role for RGS Protein/G α i2 Interactions in B Lymphocyte- α Directed Cell Migration and Trafficking. <i>Journal of Immunology</i> , 2015, 194, 2128-2139. | 0.4 | 23 |
| 114 | E-protein- α regulated expression of CXCR4 adheres preselection thymocytes to the thymic cortex. <i>Journal of Experimental Medicine</i> , 2019, 216, 1749-1761. | 4.2 | 23 |
| 115 | The modulation of membrane Ia on human B lymphocytes. <i>Cellular Immunology</i> , 1985, 92, 391-403. | 1.4 | 21 |
| 116 | Adaptor proteins CRK and CRKL associate with the serine/threonine protein kinase GCKR promoting GCKR and SAPK activation. <i>Blood</i> , 2000, 95, 776-782. | 0.6 | 20 |
| 117 | Variations in Gnaï2 and Rgs1 expression affect chemokine receptor signaling and the organization of secondary lymphoid organs. <i>Genes and Immunity</i> , 2010, 11, 384-396. | 2.2 | 19 |
| 118 | B Lymphocyte- α Specific Loss of Ric-8A Results in a G α i Protein Deficit and Severe Humoral Immunodeficiency. <i>Journal of Immunology</i> , 2015, 195, 2090-2102. | 0.4 | 19 |
| 119 | LRRK2 is required for CD38-mediated NAADP-Ca ²⁺ signaling and the downstream activation of TFEB (transcription factor EB) in immune cells. <i>Autophagy</i> , 2022, 18, 204-222. | 4.3 | 19 |
| 120 | The HIV-1 envelope protein gp120 is captured and displayed for B cell recognition by SIGN-R1+ lymph node macrophages. <i>ELife</i> , 2015, 4, . | 2.8 | 19 |
| 121 | Homeobox genes in hematopoiesis. <i>Critical Reviews in Oncology/Hematology</i> , 1994, 16, 145-156. | 2.0 | 18 |
| 122 | Resistance to Inhibitors of Cholinesterase (Ric)-8A and G α i Contribute to Cytokinesis Abscission by Controlling Vacuolar Protein-Sorting (Vps)34 Activity. <i>PLoS ONE</i> , 2014, 9, e86680. | 1.1 | 18 |
| 123 | G α i2 Signaling Regulates Inflammasome Priming and Cytokine Production by Biasing Macrophage Phenotype Determination. <i>Journal of Immunology</i> , 2019, 202, 1510-1520. | 0.4 | 17 |
| 124 | GCK is essential to systemic inflammation and pattern recognition receptor signaling to JNK and p38. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4372-4377. | 3.3 | 16 |
| 125 | Potential Roles for Two Human Homeodomain Containing Proteins in the Proliferation and Differentiation of Human Hematopoietic Progenitors. <i>Leukemia and Lymphoma</i> , 1993, 10, 173-176. | 0.6 | 15 |
| 126 | Normal Autophagic Activity in Macrophages from Mice Lacking G α i3, AGS3, or RGS19. <i>PLoS ONE</i> , 2013, 8, e81886. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | In Vivo F-Actin Filament Organization during Lymphocyte Transendothelial and Interstitial Migration Revealed by Intravital Microscopy. <i>Science</i> , 2019, 16, 283-297. | 1.9 | 15 |
| 128 | Regulator of G-Protein Signaling 3 Isoform 1 (PDZ-RGS3) Enhances Canonical Wnt Signaling and Promotes Epithelial Mesenchymal Transition*. <i>Journal of Biological Chemistry</i> , 2012, 287, 33480-33487. | 1.6 | 14 |
| 129 | Intravital Two-Photon Imaging of Lymphocytes Crossing High Endothelial Venules and Cortical Lymphatics in the Inguinal Lymph Node. <i>Methods in Molecular Biology</i> , 2016, 1407, 195-206. | 0.4 | 13 |
| 130 | A B-cell actomyosin arc network couples integrin co-stimulation to mechanical force-dependent immune synapse formation. <i>ELife</i> , 2022, 11, . | 2.8 | 13 |
| 131 | Two diverged human homeobox genes involved in the differentiation of human hematopoietic progenitors map to chromosome 1, bands q41-q42. <i>Genes Chromosomes and Cancer</i> , 1992, 5, 343-347. | 1.5 | 12 |
| 132 | B cell growth and differentiation factors interact with receptors distinct from the interleukin 2 receptor. <i>European Journal of Immunology</i> , 1986, 16, 761-766. | 1.6 | 11 |
| 133 | A regulator of G protein signaling, RGS3, inhibits gonadotropin-releasing hormone (GnRH)-stimulated luteinizing hormone (LH) secretion. <i>BMC Cell Biology</i> , 2001, 2, 21. | 3.0 | 11 |
| 134 | The influence of sphingosine-1-phosphate receptor signaling on lymphocyte trafficking: How a bioactive lipid mediator grew up from an immature vascular maturation factor to a mature mediator of lymphocyte behavior and function. <i>Immunologic Research</i> , 2009, 43, 187-197. | 1.3 | 11 |
| 135 | HIV-1 Nef Down-Modulates C-C and C-X-C Chemokine Receptors via Ubiquitin and Ubiquitin-Independent Mechanism. <i>PLoS ONE</i> , 2014, 9, e86998. | 1.1 | 11 |
| 136 | Biased S1PR1 Signaling in B Cells Subverts Responses to Homeostatic Chemokines, Severely Disorganizing Lymphoid Organ Architecture. <i>Journal of Immunology</i> , 2019, 203, 2401-2414. | 0.4 | 11 |
| 137 | Signaling by the Toll-Like Receptors Induces Autophagy Through Modification of Beclin 1. , 2018, , 75-84. | | 10 |
| 138 | An integrin/MFG-E8 shuttle loads HIV-1 viral-like particles onto follicular dendritic cells in mouse lymph node. <i>ELife</i> , 2019, 8, . | 2.8 | 10 |
| 139 | Inflammasome Inhibition Links IRGM to Innate Immunity. <i>Molecular Cell</i> , 2019, 73, 391-392. | 4.5 | 9 |
| 140 | Rgs3. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 9 |
| 141 | HIV-1 Nef Impairs Heterotrimeric G-protein Signaling by Targeting G β 2 for Degradation through Ubiquitination. <i>Journal of Biological Chemistry</i> , 2012, 287, 41481-41498. | 1.6 | 8 |
| 142 | The Use of Intravital Two-Photon and Thick Section Confocal Imaging to Analyze B Lymphocyte Trafficking in Lymph Nodes and Spleen. <i>Methods in Molecular Biology</i> , 2018, 1707, 193-205. | 0.4 | 8 |
| 143 | Intravital Two-Photon Imaging of Adoptively Transferred B Lymphocytes in Inguinal Lymph Nodes. <i>Methods in Molecular Biology</i> , 2009, 571, 199-207. | 0.4 | 8 |
| 144 | Transcription Factor B-Cell-Specific Activator Protein (BSAP) Is Differentially Expressed in B Cells and in Subsets of B-Cell Lymphomas. <i>Blood</i> , 1998, 92, 1308-1316. | 0.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Beyond the plasma membrane: New functions for heterotrimeric G-protein signaling in asymmetric and symmetric cell division. <i>Cell Cycle</i> , 2008, 7, 573-577. | 1.3 | 6 |
| 146 | CD22 Cross-Linking Generates B-Cell Antigen Receptor-Independent Signals That Activate the JNK/SAPK Signaling Cascade. <i>Blood</i> , 1999, 94, 1382-1392. | 0.6 | 6 |
| 147 | Normal Thymocyte Egress, T Cell Trafficking, and CD4+T Cell Homeostasis Require Interactions between RGS Proteins and G α i2. <i>Journal of Immunology</i> , 2017, 198, 2721-2734. | 0.4 | 5 |
| 148 | G α i Signaling Promotes Marginal Zone B Cell Development by Enabling Transitional B Cell ADAM10 Expression. <i>Frontiers in Immunology</i> , 2018, 9, 687. | 2.2 | 5 |
| 149 | Unrestrained G α i2 Signaling Disrupts Neutrophil Trafficking, Aging, and Clearance. <i>Frontiers in Immunology</i> , 2021, 12, 679856. | 2.2 | 5 |
| 150 | Rgs1. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 5 |
| 151 | Loss of G α i proteins impairs thymocyte development, disrupts T-cell trafficking, and leads to an expanded population of splenic CD4+PD-1+CXCR5+G α i ^{hi} T-cells. <i>Scientific Reports</i> , 2017, 7, 4156. | 1.6 | 4 |
| 152 | Demonstration and partial characterization of the interferon-gamma receptor on human B lymphocytes. <i>Journal of Cellular Biochemistry</i> , 1989, 40, 417-430. | 1.2 | 3 |
| 153 | Tor-dependent post-transcriptional regulation of autophagy: Implications for cancer therapeutics. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1078923. | 0.3 | 2 |
| 154 | Autophagy Accompanies Inflammasome Activation to Moderate Inflammation by Eliminating Active Inflammasomes. , 2017, , 343-357. | | 1 |
| 155 | NEW PERSPECTIVES ON THE STRUCTURE OF THE HUMAN HIGH-AFFINITY INTERLEUKIN 2 RECEPTOR. , 1988, , 99-112. | | 1 |
| 156 | Activation and Immunoregulation of Human B Lymphocytes. <i>Uremia Investigation</i> , 1984, 8, 157-166. | 0.1 | 0 |
| 157 | Toll-Like Receptors Serve as Activators for Autophagy in Macrophages Helping to Facilitate Innate Immunity. , 2015, , 179-189. | | 0 |
| 158 | Chemokine Receptor Signaling. , 2016, , 65-71. | | 0 |
| 159 | An optimized confocal intravital microscopy protocol for long-term live imaging of murine F-actin organization during na α ^{ve} lymphocyte migration. <i>STAR Protocols</i> , 2021, 2, 100498. | 0.5 | 0 |
| 160 | GCKR Links the Bcr-Abl Oncogene and Ras to the Stress-Activated Protein Kinase Pathway. <i>Blood</i> , 1999, 93, 1338-1345. | 0.6 | 0 |