

Michael R Gold

List of Publications by Year in descending order

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96
papers

9,898
citations

50170

46
h-index

39575

94
g-index

175
all docs

175
docs citations

175
times ranked

11720
citing authors

#	ARTICLE	IF	CITATIONS
1	Subclinical Atrial Fibrillation and the Risk of Stroke. <i>New England Journal of Medicine</i> , 2012, 366, 120-129.	13.9	1,751
2	Effectiveness of Cardiac Resynchronization Therapy by QRS Morphology in the Multicenter Automatic Defibrillator Implantation Trial—Cardiac Resynchronization Therapy (MADIT-CRT). <i>Circulation</i> , 2011, 123, 1061-1072.	1.6	714
3	Dendritic Cell Survival and Maturation Are Regulated by Different Signaling Pathways. <i>Journal of Experimental Medicine</i> , 1998, 188, 2175-2180.	4.2	640
4	The Human Antimicrobial Peptide LL-37 Is a Multifunctional Modulator of Innate Immune Responses. <i>Journal of Immunology</i> , 2002, 169, 3883-3891.	0.4	624
5	Stimulation of protein tyrosine phosphorylation by the B-lymphocyte antigen receptor. <i>Nature</i> , 1990, 345, 810-813.	13.7	352
6	The Heart Rhythm Society (HRS)/American Society of Anesthesiologists (ASA) Expert Consensus Statement on the Perioperative Management of Patients with Implantable Defibrillators, Pacemakers and Arrhythmia Monitors: Facilities and Patient Management. <i>Heart Rhythm</i> , 2011, 8, 1114-1154.	0.3	323
7	Bacterial lipopolysaccharide stimulates protein tyrosine phosphorylation in macrophages.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4148-4152.	3.3	317
8	Cutting Edge: Cationic Antimicrobial Peptides Block the Binding of Lipopolysaccharide (LPS) to LPS Binding Protein. <i>Journal of Immunology</i> , 2000, 164, 549-553.	0.4	272
9	Tyrosine phosphorylation of components of the B-cell antigen receptors following receptor crosslinking.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 3436-3440.	3.3	217
10	<i>Salmonella typhimurium</i> Infection and Lipopolysaccharide Stimulation Induce Similar Changes in Macrophage Gene Expression. <i>Journal of Immunology</i> , 2000, 164, 5894-5904.	0.4	199
11	Sites of left and right ventricular lead implantation and response to cardiac resynchronization therapy observations from the REVERSE trial. <i>European Heart Journal</i> , 2012, 33, 2662-2671.	1.0	152
12	The paracaspase MALT1 cleaves HOIL1 reducing linear ubiquitination by LUBAC to dampen lymphocyte NF- κ B signalling. <i>Nature Communications</i> , 2015, 6, 8777.	5.8	139
13	Interaction of Cationic Peptides with Lipoteichoic Acid and Gram-Positive Bacteria. <i>Infection and Immunity</i> , 1999, 67, 6445-6453.	1.0	135
14	Overview of the Alliance for Cellular Signaling. <i>Nature</i> , 2002, 420, 703-706.	13.7	134
15	<i>Listeria monocytogenes</i> Invasion of Epithelial Cells Requires the MEK-1/ERK-2 Mitogen-Activated Protein Kinase Pathway. <i>Infection and Immunity</i> , 1998, 66, 1106-1112.	1.0	131
16	Rationale and study design of the INcrease Of Vagal TonE in Heart Failure study: INOVATE-HF. <i>American Heart Journal</i> , 2012, 163, 954-962.e1.	1.2	130
17	Control of the Hippo Pathway by Set7-Dependent Methylation of Yap. <i>Developmental Cell</i> , 2013, 26, 188-194.	3.1	130
18	The Rap GTPases Regulate Integrin-mediated Adhesion, Cell Spreading, Actin Polymerization, and Pyk2 Tyrosine Phosphorylation in B Lymphocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 12009-12019.	1.6	125

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19	Phosphoinositide 3-Kinase p110 $\hat{\nu}$ Regulates Natural Antibody Production, Marginal Zone and B-1 B Cell Function, and Autoantibody Responses. <i>Journal of Immunology</i> , 2009, 183, 5673-5684.	0.4	122
20	The Direct Recruitment of BLNK to Immunoglobulin $\hat{\nu}$ Couples the B-Cell Antigen Receptor to Distal Signaling Pathways. <i>Molecular and Cellular Biology</i> , 2002, 22, 2524-2535.	1.1	120
21	ASymptomatic atrial fibrillation and Stroke Evaluation in pacemaker patients and the atrial fibrillation Reduction atrial pacing Trial (ASSERT). <i>American Heart Journal</i> , 2006, 152, 442-447.	1.2	117
22	Biochemistry of B Lymphocyte Activation. <i>Advances in Immunology</i> , 1993, 55, 221-295.	1.1	110
23	CD40 Signaling in B Cells Regulates the Expression of the Pim-1 Kinase Via the NF- $\hat{\nu}$ B Pathway. <i>Journal of Immunology</i> , 2002, 168, 744-754.	0.4	106
24	An $\hat{\nu}$ -Helical Cationic Antimicrobial Peptide Selectively Modulates Macrophage Responses to Lipopolysaccharide and Directly Alters Macrophage Gene Expression. <i>Journal of Immunology</i> , 2000, 165, 3358-3365.	0.4	105
25	The Rap GTPases Regulate B Cell Migration Toward the Chemokine Stromal Cell-Derived Factor-1 (CXCL12): Potential Role for Rap2 in Promoting B Cell Migration. <i>Journal of Immunology</i> , 2002, 169, 1365-1371.	0.4	105
26	B-Lymphocyte Signal Transduction in Response to Anti-Immunoglobulin and Bacterial Lipopolysaccharide. <i>Immunological Reviews</i> , 1987, 95, 161-176.	2.8	96
27	The Rap GTPases Regulate B Cell Morphology, Immune-Synapse Formation, and Signaling by Particulate B Cell Receptor Ligands. <i>Immunity</i> , 2008, 28, 75-87.	6.6	96
28	Cofilin-Mediated F-Actin Severing Is Regulated by the Rap GTPase and Controls the Cytoskeletal Dynamics That Drive Lymphocyte Spreading and BCR Microcluster Formation. <i>Journal of Immunology</i> , 2011, 187, 5887-5900.	0.4	95
29	Selective inhibitors of phosphoinositide 3-kinase delta: modulators of B-cell function with potential for treating autoimmune inflammatory diseases and B-cell malignancies. <i>Frontiers in Immunology</i> , 2012, 3, 256.	2.2	91
30	SETD7 Controls Intestinal Regeneration and Tumorigenesis by Regulating Wnt/ $\hat{\nu}$ 2-Catenin and Hippo/YAP Signaling. <i>Developmental Cell</i> , 2016, 37, 47-57.	3.1	87
31	Selective Induction of Matrix Metalloproteinases and Tissue Inhibitor of Metalloproteinases in Atrial and Ventricular Myocardium in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2006, 97, 532-537.	0.7	83
32	Toll-like receptor ligands sensitize B-cell receptor signalling by reducing actin-dependent spatial confinement of the receptor. <i>Nature Communications</i> , 2015, 6, 6168.	5.8	79
33	The Gab1 Protein Is a Docking Site for Multiple Proteins Involved in Signaling by the B Cell Antigen Receptor. <i>Journal of Biological Chemistry</i> , 1998, 273, 30630-30637.	1.6	77
34	Activation of the Rap1 GTPase by the B Cell Antigen Receptor. <i>Journal of Biological Chemistry</i> , 1998, 273, 29218-29223.	1.6	76
35	Lymphocytes in the Peritoneum Home to the Omentum and Are Activated by Resident Dendritic Cells. <i>Journal of Immunology</i> , 2009, 183, 1155-1165.	0.4	71
36	B Cell Antigen Receptor Signaling Induces the Formation of Complexes Containing the Crk Adapter Proteins. <i>Journal of Biological Chemistry</i> , 1996, 271, 32306-32314.	1.6	67

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37	B-Cell Receptor Signaling Inhibitors for Treatment of Autoimmune Inflammatory Diseases and B-Cell Malignancies. <i>International Reviews of Immunology</i> , 2013, 32, 397-427.	1.5	62
38	The B Cell Antigen Receptor Regulates the Transcriptional Activator β -Catenin Via Protein Kinase C-Mediated Inhibition of Glycogen Synthase Kinase-3. <i>Journal of Immunology</i> , 2002, 169, 758-769.	0.4	59
39	The Gab1 Docking Protein Links the B Cell Antigen Receptor to the Phosphatidylinositol 3-Kinase/Akt Signaling Pathway and to the SHP2 Tyrosine Phosphatase. <i>Journal of Biological Chemistry</i> , 2001, 276, 12257-12265.	1.6	57
40	New views of BCR structure and organization. <i>Current Opinion in Immunology</i> , 2001, 13, 270-277.	2.4	56
41	Selective activation of p42 mitogen-activated protein (MAP) kinase in murine B lymphoma cell lines by membrane immunoglobulin cross-linking. Evidence for protein kinase C-independent and -dependent mechanisms of activation. <i>Biochemical Journal</i> , 1992, 287, 269-276.	1.7	55
42	To make antibodies or not: signaling by the B-cell antigen receptor. <i>Trends in Pharmacological Sciences</i> , 2002, 23, 316-324.	4.0	55
43	Ethnic Differences in Atrial Fibrillation Identified Using Implanted Cardiac Devices. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 381-387.	0.8	55
44	Atrial overdrive pacing to prevent atrial fibrillation: Insights from ASSERT. <i>Heart Rhythm</i> , 2012, 9, 1667-1673.	0.3	54
45	Phase separation and clustering of an ABC transporter in <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16326-16331.	3.3	54
46	Antigen Receptor Function in the Context of the Nanoscale Organization of the B Cell Membrane. <i>Annual Review of Immunology</i> , 2019, 37, 97-123.	9.5	54
47	Targets of B-cell antigen receptor signaling: the phosphatidylinositol 3-kinase/Akt/glycogen synthase kinase-3 signaling pathway and the Rap1 GTPase. <i>Immunological Reviews</i> , 2000, 176, 47-68.	2.8	53
48	Activation of the Rap GTPases in B Lymphocytes Modulates B Cell Antigen Receptor-induced Activation of Akt but Has No Effect on MAPK Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 41756-41767.	1.6	50
49	Arp2/3 complex-driven spatial patterning of the BCR enhances immune synapse formation, BCR signaling and B cell activation. <i>ELife</i> , 2019, 8, .	2.8	48
50	Reconstitution of B Cell Antigen Receptor-induced Signaling Events in a Nonlymphoid Cell Line by Expressing the Syk Protein-tyrosine Kinase. <i>Journal of Biological Chemistry</i> , 1996, 271, 6458-6466.	1.6	47
51	TMEM30A loss-of-function mutations drive lymphomagenesis and confer therapeutically exploitable vulnerability in B-cell lymphoma. <i>Nature Medicine</i> , 2020, 26, 577-588.	15.2	46
52	The Rap GTPases mediate CXCL13- and sphingosine1-phosphate-induced chemotaxis, adhesion, and Pyk2 tyrosine phosphorylation in B lymphocytes. <i>European Journal of Immunology</i> , 2006, 36, 2235-2249.	1.6	44
53	Examination of B lymphoid cell lines for membrane immunoglobulin-stimulated tyrosine phosphorylation and src-family tyrosine kinase mRNA expression. <i>Molecular Immunology</i> , 1992, 29, 917-926.	1.0	42
54	Protein tyrosine phosphorylation in streptomycetes. <i>FEMS Microbiology Letters</i> , 1994, 120, 187-190.	0.7	42

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55	TNFR1 delivers pro-survival signals that are required for limiting TNFR2-dependent activation-induced cell death (AICD) in CD8 ⁺ T cells. <i>European Journal of Immunology</i> , 2011, 41, 335-344.	1.6	40
56	The Rap1-cofilin pathway coordinates actin reorganization and MTOC polarization at the B-cell immune synapse. <i>Journal of Cell Science</i> , 2017, 130, 1094-1109.	1.2	40
57	Preventing the Activation or Cycling of the Rap1 GTPase Alters Adhesion and Cytoskeletal Dynamics and Blocks Metastatic Melanoma Cell Extravasation into the Lungs. <i>Cancer Research</i> , 2010, 70, 4590-4601.	0.4	39
58	B Cell Receptor-induced Phosphorylation of Pyk2 and Focal Adhesion Kinase Involves Integrins and the Rap GTPases and Is Required for B Cell Spreading. <i>Journal of Biological Chemistry</i> , 2009, 284, 22865-22877.	1.6	37
59	Signal Transduction by the B-Cell Antigen Receptor. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 195-201.	1.8	35
60	Rapid and efficient retrovirus-mediated gene transfer into B cell lines. <i>Cytotechnology</i> , 1999, 21, 57-68.	0.7	35
61	Purification and identification of tyrosine-phosphorylated proteins from B lymphocytes stimulated through the antigen receptor. <i>Electrophoresis</i> , 1994, 15, 441-453.	1.3	34
62	Differential role of reactive oxygen species in the activation of mitogen-activated protein kinases and Akt by key receptors on B-lymphocytes: CD40, the B cell antigen receptor, and CXCR4. <i>Journal of Cell Communication and Signaling</i> , 2007, 1, 33-43.	1.8	34
63	Localized Diacylglycerol-dependent Stimulation of Ras and Rap1 during Phagocytosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 28522-28532.	1.6	34
64	Relevance of Electrical Remodeling in Human Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 626-631.	2.1	30
65	Opposing Roles for CD34 in B16 Melanoma Tumor Growth Alter Early Stage Vasculature and Late Stage Immune Cell Infiltration. <i>PLoS ONE</i> , 2011, 6, e18160.	1.1	28
66	Signal Transduction by the Antigen Receptors of B and T Lymphocytes. <i>International Review of Cytology</i> , 1995, 157, 181-276.	6.2	26
67	Limitations of Qdot labelling compared to directly-conjugated probes for single particle tracking of B cell receptor mobility. <i>Scientific Reports</i> , 2017, 7, 11379.	1.6	26
68	The Rap GTPases regulate the migration, invasiveness and in vivo dissemination of B-cell lymphomas. <i>Oncogene</i> , 2010, 29, 608-615.	2.6	24
69	Small molecule inhibitors of the Pyk2 and FAK kinases modulate chemoattractant-induced migration, adhesion and Akt activation in follicular and marginal zone B cells. <i>Cellular Immunology</i> , 2012, 275, 47-54.	1.4	24
70	Activation and Function of the Rap1 Gtpase in B Lymphocytes. <i>International Reviews of Immunology</i> , 2001, 20, 763-789.	1.5	23
71	Akt is TCL-ish: implications for B-cell lymphoma. <i>Trends in Immunology</i> , 2003, 24, 104-108.	2.9	23
72	PI3K Signaling in B Cell and T Cell Biology. <i>Frontiers in Immunology</i> , 2014, 5, 557.	2.2	22

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73	Protein kinase C-delta is a target of B-cell antigen receptor signaling. <i>Immunology Letters</i> , 1999, 69, 259-267.	1.1	21
74	B Cell Development: Important Work for ERK. <i>Immunity</i> , 2008, 28, 488-490.	6.6	19
75	Selective pharmacological inhibition of phosphoinositide 3-kinase p110delta opposes the progression of autoimmune diabetes in non-obese diabetic (NOD) mice. <i>Autoimmunity</i> , 2013, 46, 62-73.	1.2	17
76	Applied stretch initiates directional invasion via the action of Rap1 GTPase as a tension sensor. <i>Journal of Cell Science</i> , 2017, 130, 152-163.	1.2	17
77	Real-time 3D stabilization of a super-resolution microscope using an electrically tunable lens. <i>Optics Express</i> , 2016, 24, 22959.	1.7	14
78	Imaging the Interactions Between B Cells and Antigen-Presenting Cells. <i>Methods in Molecular Biology</i> , 2018, 1707, 131-161.	0.4	11
79	Activation and phosphatidylinositol 3-kinase-dependent phosphorylation of protein kinase C-epsilon by the B cell antigen receptor. <i>Immunology Letters</i> , 2002, 82, 205-215.	1.1	10
80	Regulation of anti-immunoglobulin-induced B lymphoma growth arrest by transforming growth factor β 1 and dexamethasone. <i>International Immunology</i> , 1991, 3, 1091-1098.	1.8	9
81	MALT1-Dependent Cleavage of HOIL1 Modulates Canonical NF- κ B Signaling and Inflammatory Responsiveness. <i>Frontiers in Immunology</i> , 2021, 12, 749794.	2.2	9
82	Rap GTPase-mediated adhesion and migration. <i>Cell Adhesion and Migration</i> , 2010, 4, 327-332.	1.1	8
83	The Invasion Inhibitor Sarasinamide A1 Reverses Mesenchymal Tumor Transformation in an E-Cadherin-Independent Manner. <i>Molecular Cancer Research</i> , 2013, 11, 530-540.	1.5	8
84	Radial shockwave therapy for male erectile rejuvenation in a dermatology and/or medical aesthetic practice. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1596-1600.	0.8	8
85	The Wdr1-LIMK-Cofilin Axis Controls B Cell Antigen Receptor-Induced Actin Remodeling and Signaling at the Immune Synapse. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 649433.	1.8	8
86	CD24 and IgM Stimulation of B Cells Triggers Transfer of Functional B Cell Receptor to B Cell Recipients Via Extracellular Vesicles. <i>Journal of Immunology</i> , 2021, 207, 3004-3015.	0.4	8
87	What goes up must come down: A tripartite Dok-3/Grb2/SHIP1 inhibitory module limits BCR signaling. <i>European Journal of Immunology</i> , 2016, 46, 2507-2511.	1.6	6
88	Acute Clinical Evaluation of a Left Ventricular Automatic Threshold Determination Algorithm Based on Evoked Response Sensing. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 348-356.	0.5	5
89	Structure, Function, and Spatial Organization of the B Cell Receptor. , 2016, , 40-54.		5
90	The Rap2c GTPase facilitates B cell receptor-induced reorientation of the microtubule-organizing center. <i>Small GTPases</i> , 2020, 11, 402-412.	0.7	5

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91	Inflammation-Induced Metastatic Colonization of the Lung Is Facilitated by Hepatocyte Growth Factor-Secreting Monocyte-Derived Macrophages. <i>Molecular Cancer Research</i> , 2021, 19, 2096-2109.	1.5	5
92	Visualizing the Actin and Microtubule Cytoskeletons at the B-cell Immune Synapse Using Stimulated Emission Depletion (STED) Microscopy. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4
93	The Actin-Disassembly Protein Glia Maturation Factor $\hat{1}^3$ Enhances Actin Remodeling and B Cell Antigen Receptor Signaling at the Immune Synapse. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647063.	1.8	1
94	Signal Transduction via the B Cell Antigen Receptor: Involvement of a G Protein and Regulation of Signaling. , 1989, 254, 101-112.		1
95	AKTion on mantle cell lymphoma. <i>Blood</i> , 2006, 108, 1425-1426.	0.6	0
96	Abstract 3480:TMEM30A loss-of-function mutations drive lymphomagenesis and confer therapeutically exploitable vulnerability in B-cell lymphoma. , 2019, , .		0