Andrey S Shaw

List of Publications by Year in Descending Order

165 papers	20,887 citations	69 h-index	144 g-index
172 ext. papers	22,726 ext. citations	13.8 avg, IF	6.38 L-index

#	Paper	IF	Citations
165	CRAF dimerization with ARAF regulates KRAS-driven tumor growth.. *Cell Reports*, **2022**, 38, 110351	10.6	1
164	Podocyte Aging: Why and How Getting Old Matters. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 2697-2713	12.7	3
163	Gremlin 1 fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. *Nature Immunology*, **2021**, 22, 571-585	19.1	13
162	Preparation of single-cell suspensions of mouse glomeruli for high-throughput analysis. *Nature Protocols*, **2021**, 16, 4068-4083	18.8	1
161	Antibody toolkit reveals N-terminally ubiquitinated substrates of UBE2W. *Nature Communications*, **2021**, 12, 4608	17.4	3
160	The Mesangial cell - the glomerular stromal cell. *Nature Reviews Nephrology*, **2021**, 17, 855-864	14.9	6
159	Single-Cell Transcriptome Profiling of the Kidney Glomerulus Identifies Key Cell Types and Reactions to Injury. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 2341-2354	12.7	32
158	Negative regulation of RAF kinase activity by ATP is overcome by 14-3-3-induced dimerization. *Nature Structural and Molecular Biology*, **2020**, 27, 134-141	17.6	34
157	A systems mechanism for KRAS mutant allele-specific responses to targeted therapy. *Science Signaling*, **2019**, 12,	8.8	22
156	An Nfil3-Zeb2-Id2 pathway imposes Irf8 enhancer switching during cDC1 development. *Nature Immunology*, **2019**, 20, 1174-1185	19.1	46
155	Quantitative Systems Pharmacology Analysis of KRAS G12C Covalent Inhibitors. *CPT: Pharmacometrics and Systems Pharmacology*, **2018**, 7, 342-351	4.5	10
154	Disruption of XIAP-RIP2 Association Blocks NOD2-Mediated Inflammatory Signaling. *Molecular Cell*, **2018**, 69, 551-565.e7	17.6	53
153	Kinase domain dimerization drives RIPK3-dependent necroptosis. *Science Signaling*, **2018**, 11,	8.8	21
152	The adaptor molecule CD2AP in CD4 T cells modulates differentiation of follicular helper T cells during chronic LCMV infection. *PLoS Pathogens*, **2018**, 14, e1007053	7.6	10
151	Homozygous KSR1 deletion attenuates morbidity but does not prevent tumor development in a mouse model of RAS-driven pancreatic cancer. *PLoS ONE*, **2018**, 13, e0194998	3.7	1
150	Opposing Roles of Dendritic Cell Subsets in Experimental GN. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 138-154	12.7	44
149	The FERM protein EPB41L5 regulates actomyosin contractility and focal adhesion formation to maintain the kidney filtration barrier. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E4621-E4630	11.5	33

148	Super-resolution Imaging of the Kidney Glomerulus in Health and Disease Conditions. *Microscopy and Microanalysis*, **2017**, 23, 1318-1319	0.5	
147	TRPRing up chronic kidney disease. *Science*, **2017**, 358, 1256-1257	33.3	3
146	B cell-derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. *JCI Insight*, **2017**, 2,	9.9	32
145	Injury-induced actin cytoskeleton reorganization in podocytes revealed by super-resolution microscopy. *JCI Insight*, **2017**, 2,	9.9	38
144	Activation Mechanism of Oncogenic Deletion Mutations in BRAF, EGFR, and HER2. *Cancer Cell*, **2016**, 29, 477-493	24.3	119
143	Real-Time Analysis of Calcium Signals during the Early Phase of T Cell Activation Using a Genetically Encoded Calcium Biosensor. *Journal of Immunology*, **2016**, 196, 1471-9	5.3	28
142	A role for genetic susceptibility in sporadic focal segmental glomerulosclerosis. *Journal of Clinical Investigation*, **2016**, 126, 1067-78	15.9	29
141	New approaches in renal microscopy: volumetric imaging and superresolution microscopy. *Current Opinion in Nephrology and Hypertension*, **2016**, 25, 159-67	3.5	3
140	Intravital and Kidney Slice Imaging of Podocyte Membrane Dynamics. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 3285-3290	12.7	43
139	NKG2D-NKG2D Ligand Interaction Inhibits the Outgrowth of Naturally Arising Low-Grade B Cell Lymphoma In Vivo. *Journal of Immunology*, **2016**, 196, 4805-13	5.3	14
138	Clinical phenotype of APOL1 nephropathy in young relatives of patients with end-stage renal disease. *Pediatric Nephrology*, **2015**, 30, 983-9	3.2	14
137	Dendrin ablation prolongs life span by delaying kidney failure. *American Journal of Pathology*, **2015**, 185, 2143-57	5.8	15
136	Integration of signaling in the kinome: Architecture and regulation of the □ Helix. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2015**, 1854, 1567-74	4	32
135	Effects of CD2-associated protein deficiency on amyloid-□ in neuroblastoma cells and in an APP transgenic mouse model. *Molecular Neurodegeneration*, **2015**, 10, 12	19	27
134	A novel missense mutation of WilmsRTumor 1 causes autosomal dominant FSGS. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 831-43	12.7	37
133	Kinase regulation by hydrophobic spine assembly in cancer. *Molecular and Cellular Biology*, **2015**, 35, 264-78	4.8	69
132	New lamp posts allow for new views of the immunological synapse. *Immunity*, **2015**, 42, 781-3	32.3	
131	Albumin-associated free fatty acids induce macropinocytosis in podocytes. *Journal of Clinical Investigation*, **2015**, 125, 2307-16	15.9	53

130	What is the point of pseudokinases?. *ELife*, **2015**, 4, e07771	8.9	4
129	Pillars article: The immunological synapse: a molecular machine controlling T cell activation. Science. 1999. 285: 221-227. *Journal of Immunology*, **2015**, 194, 4066-72	5.3	9
128	Role of NKG2D in obesity-induced adipose tissue inflammation and insulin resistance. *PLoS ONE*, **2014**, 9, e110108	3.7	13
127	Rare hereditary COL4A3/COL4A4 variants may be mistaken for familial focal segmental glomerulosclerosis. *Kidney International*, **2014**, 86, 1253-9	9.9	156
126	Kinases and pseudokinases: lessons from RAF. *Molecular and Cellular Biology*, **2014**, 34, 1538-46	4.8	100
125	Neonatal Fc receptor promotes immune complex-mediated glomerular disease. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 918-25	12.7	24
124	Calmodulin and PI(3,4,5)P□ cooperatively bind to the Itk pleckstrin homology domain to promote efficient calcium signaling and IL-17A production. *Science Signaling*, **2014**, 7, ra74	8.8	18
123	Mutations in the gene that encodes the F-actin binding protein anillin cause FSGS. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 1991-2002	12.7	104
122	Novel mechanism of tumor suppression by polarity gene discs large 1 (DLG1) revealed in a murine model of pediatric B-ALL. *Cancer Immunology Research*, **2013**, 1, 426-37	12.5	21
121	Allosteric activation of functionally asymmetric RAF kinase dimers. *Cell*, **2013**, 154, 1036-1046	56.2	190
120	Immunology. Do T cells have a cilium?. *Science*, **2013**, 342, 1177-8	33.3	3
119	Heterogeneous distribution of natural zinc isotopes in mice. *Metallomics*, **2013**, 5, 693-9	4.5	49
118	Albuminuria associated with CD2AP knockout mice is primarily due to dysfunction of the renal degradation pathway processing of filtered albumin. *FEBS Letters*, **2013**, 587, 3738-41	3.8	13
117	Rac1 activation in podocytes induces rapid foot process effacement and proteinuria. *Molecular and Cellular Biology*, **2013**, 33, 4755-64	4.8	89
116	CD2-associated protein regulates plasmacytoid dendritic cell migration, but is dispensable for their development and cytokine production. *Journal of Immunology*, **2013**, 191, 5933-40	5.3	20
115	CD2AP links cortactin and capping protein at the cell periphery to facilitate formation of lamellipodia. *Molecular and Cellular Biology*, **2013**, 33, 38-47	4.8	46
114	Pseudokinases from a structural perspective. *Biochemical Society Transactions*, **2013**, 41, 981-6	5.1	35
113	Kinase suppressor of Ras 1 is not required for the generation of regulatory and memory T cells. *PLoS ONE*, **2013**, 8, e57137	3.7	4

112	Nanoscale protein architecture of the kidney glomerular basement membrane. *ELife*, **2013**, 2, e01149	8.9	109
111	RAE1 ligand expressed on pancreatic islets recruits NKG2D receptor-expressing cytotoxic T cells independent of T cell receptor recognition. *Immunity*, **2012**, 36, 132-41	32.3	31
110	SAP signaling: a dual mechanism of action. *Immunity*, **2012**, 36, 899-901	32.3	9
109	A dual function of NKG2D ligands in NK-cell activation. *European Journal of Immunology*, **2012**, 42, 2452-8	6.1	9
108	Immunoglobulin-like transcript receptors on human dermal CD14+ dendritic cells act as a CD8-antagonist to control cytotoxic T cell priming. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 18885-90	11.5	33
107	Stathmin regulates microtubule dynamics and microtubule organizing center polarization in activated T cells. *Journal of Immunology*, **2012**, 188, 5421-7	5.3	36
106	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. *Journal of Clinical Investigation*, **2012**, 122, 780-780	15.9	2
105	T cell receptor internalization from the immunological synapse is mediated by TC21 and RhoG GTPase-dependent phagocytosis. *Immunity*, **2011**, 35, 208-22	32.3	122
104	Mutation that blocks ATP binding creates a pseudokinase stabilizing the scaffolding function of kinase suppressor of Ras, CRAF and BRAF. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6067-72	11.5	103
103	Arhgap24 inactivates Rac1 in mouse podocytes, and a mutant form is associated with familial focal segmental glomerulosclerosis. *Journal of Clinical Investigation*, **2011**, 121, 4127-37	15.9	198
102	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. *Journal of Clinical Investigation*, **2011**, 121, 3965-80	15.9	106
101	Signaling and the Immunological Synapse **2010**, 1283-1291		
100	The death effector domain protein PEA-15 negatively regulates T-cell receptor signaling. *FASEB Journal*, **2010**, 24, 2818-28	0.9	16
99	Immunology. CARRing for the skin. *Science*, **2010**, 329, 1154-5	33.3	1
98	Occupancy of lymphocyte LFA-1 by surface-immobilized ICAM-1 is critical for TCR- but not for chemokine-triggered LFA-1 conversion to an open headpiece high-affinity state. *Journal of Immunology*, **2010**, 185, 7394-404	5.3	29
97	Understanding the structure and function of the immunological synapse. *Cold Spring Harbor Perspectives in Biology*, **2010**, 2, a002311	10.2	159
96	Kinase suppressor of Ras 1 is required for full ERK activation in thymocytes but not for thymocyte selection. *European Journal of Immunology*, **2010**, 40, 3226-34	6.1	4
95	Autophagy influences glomerular disease susceptibility and maintains podocyte homeostasis in aging mice. *Journal of Clinical Investigation*, **2010**, 120, 1084-96	15.9	484

94	The polarity protein Par1b/EMK/MARK2 regulates T cell receptor-induced microtubule-organizing center polarization. *Journal of Immunology*, **2009**, 183, 1215-21	5.3	39
93	IL-12 enhances CTL synapse formation and induces self-reactivity. *Journal of Immunology*, **2009**, 182, 1351-61	5.3	26
92	TbetaRI independently activates Smad- and CD2AP-dependent pathways in podocytes. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 2127-37	12.7	38
91	The mitogen-activated protein kinase scaffold KSR1 is required for recruitment of extracellular signal-regulated kinase to the immunological synapse. *Molecular and Cellular Biology*, **2009**, 29, 1554-64	4.8	19
90	KSR1 modulates the sensitivity of mitogen-activated protein kinase pathway activation in T cells without altering fundamental system outputs. *Molecular and Cellular Biology*, **2009**, 29, 2082-91	4.8	35
89	Macrophage colony-stimulating factor induces the proliferation and survival of macrophages via a pathway involving DAP12 and beta-catenin. *Nature Immunology*, **2009**, 10, 734-43	19.1	198
88	Scaffold proteins and immune-cell signalling. *Nature Reviews Immunology*, **2009**, 9, 47-56	36.5	144
87	KSR2 is an essential regulator of AMP kinase, energy expenditure, and insulin sensitivity. *Cell Metabolism*, **2009**, 10, 366-78	24.6	114
86	The gastric epithelial progenitor cell niche and differentiation of the zymogenic (chief) cell lineage. *Developmental Biology*, **2009**, 325, 211-24	3.1	72
85	New roles revealed for T cells and DCs in glomerulonephritis. *Journal of Clinical Investigation*, **2009**, 119, 1074-6	15.9	9
84	The balance between T cell receptor signaling and degradation at the center of the immunological synapse is determined by antigen quality. *Immunity*, **2008**, 29, 414-22	32.3	111
83	Novel markers of normal and neoplastic human plasmacytoid dendritic cells. *Blood*, **2008**, 111, 3778-92	2.2	173
82	Podocytes use FcRn to clear IgG from the glomerular basement membrane. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 967-72	11.5	203
81	Regulated movement of CD4 in and out of the immunological synapse. *Journal of Immunology*, **2008**, 181, 8248-57	5.3	8
80	CD45 down-regulates Lck-mediated CD44 signaling and modulates actin rearrangement in T cells. *Journal of Immunology*, **2008**, 181, 7033-43	5.3	18
79	CD2AP/CIN85 balance determines receptor tyrosine kinase signaling response in podocytes. *Journal of Biological Chemistry*, **2007**, 282, 7457-64	5.4	30
78	Neonatal FcR expression in bone marrow-derived cells functions to protect serum IgG from catabolism. *Journal of Immunology*, **2007**, 179, 4580-8	5.3	192
77	Scaffold proteins confer diverse regulatory properties to protein kinase cascades. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 13307-12	11.5	62

76	Phosphatidylinositol 3-kinase activation is required to form the NKG2D immunological synapse. *Molecular and Cellular Biology*, **2007**, 27, 8583-99	4.8	39
75	The stimulatory potency of T cell antigens is influenced by the formation of the immunological synapse. *Immunity*, **2007**, 26, 345-55	32.3	75
74	Scaffold Proteins Confer Diverse Regulatory Properties to Protein Kinase Cascades. *FASEB Journal*, **2007**, 21, A264	0.9	
73	The molecular scaffold kinase suppressor of Ras 1 is a modifier of RasV12-induced and replicative senescence. *Molecular and Cellular Biology*, **2006**, 26, 2202-14	4.8	41
72	Identification of a novel inhibitory actin-capping protein binding motif in CD2-associated protein. *Journal of Biological Chemistry*, **2006**, 281, 19196-203	5.4	62
71	The MAPK scaffold kinase suppressor of Ras is involved in ERK activation by stress and proinflammatory cytokines and induction of arthritis. *Journal of Immunology*, **2006**, 177, 6152-8	5.3	30
70	Vav1 controls DAP10-mediated natural cytotoxicity by regulating actin and microtubule dynamics. *Journal of Immunology*, **2006**, 177, 2349-55	5.3	77
69	Pathogenesis of nonimmune glomerulopathies. *Annual Review of Pathology: Mechanisms of Disease*, **2006**, 1, 349-74	34	52
68	Bone marrow stromal cell antigen 2 is a specific marker of type I IFN-producing cells in the naive mouse, but a promiscuous cell surface antigen following IFN stimulation. *Journal of Immunology*, **2006**, 177, 3260-5	5.3	342
67	Lipid rafts: now you see them, now you donR. *Nature Immunology*, **2006**, 7, 1139-42	19.1	208
66	Immune synapses in T-cell activation. *Current Opinion in Immunology*, **2006**, 18, 298-304	7.8	107
65	Glomerular expression of transforming growth factor-beta (TGF-beta) isoforms in mice lacking CD2-associated protein. *Pediatric Nephrology*, **2006**, 21, 333-8	3.2	17
64	Bigenic mouse models of focal segmental glomerulosclerosis involving pairwise interaction of CD2AP, Fyn, and synaptopodin. *Journal of Clinical Investigation*, **2006**, 116, 1337-45	15.9	123
63	Proteinuria precedes podocyte abnormalities inLamb2-/- mice, implicating the glomerular basement membrane as an albumin barrier. *Journal of Clinical Investigation*, **2006**, 116, 2272-9	15.9	169
62	Getting downstream without a Raft. *Cell*, **2005**, 121, 815-6	56.2	17
61	T-cell activation and immunologic synapse. *Immunologic Research*, **2005**, 32, 247-52	4.3	10
60	Costimulation through NKG2D enhances murine CD8+ CTL function: similarities and differences between NKG2D and CD28 costimulation. *Journal of Immunology*, **2005**, 175, 2825-33	5.3	94
59	CD2-associated protein (CD2AP) expression in podocytes rescues lethality of CD2AP deficiency. *Journal of Biological Chemistry*, **2005**, 280, 29677-81	5.4	53

58	Live Cell Imaging of ERK and MEK: simple binding equilibrium explains the regulated nucleocytoplasmic distribution of ERK. *Journal of Biological Chemistry*, **2005**, 280, 3832-7	5.4	91
57	The c-SMAC: sorting it all out (or in). *Journal of Cell Biology*, **2005**, 170, 177-82	7.3	55
56	MAPK p38 alpha is dispensable for lymphocyte development and proliferation. *Journal of Immunology*, **2005**, 174, 1239-44	5.3	46
55	Cutting edge: CD96 (tactile) promotes NK cell-target cell adhesion by interacting with the poliovirus receptor (CD155). *Journal of Immunology*, **2004**, 172, 3994-8	5.3	258
54	A novel role for the adaptor molecule CD2-associated protein in transforming growth factor-beta-induced apoptosis. *Journal of Biological Chemistry*, **2004**, 279, 37004-12	5.4	157
53	Physiological T cell activation starts and propagates in lipid rafts. *Immunology Letters*, **2004**, 91, 3-9	4.1	36
52	CD2-associated protein haploinsufficiency is linked to glomerular disease susceptibility. *Science*, **2003**, 300, 1298-300	33.3	402
51	In silico models for cellular and molecular immunology: successes, promises and challenges. *Nature Immunology*, **2003**, 4, 933-6	19.1	50
50	The immunological synapse balances T cell receptor signaling and degradation. *Science*, **2003**, 302, 1218-22	33.3	469
49	Nephrin and CD2AP associate with phosphoinositide 3-OH kinase and stimulate AKT-dependent signaling. *Molecular and Cellular Biology*, **2003**, 23, 4917-28	4.8	320
48	Regulation of Fyn through translocation of activated Lck into lipid rafts. *Journal of Experimental Medicine*, **2003**, 197, 1221-7	16.6	91
47	Ectopic B-Raf expression enhances extracellular signal-regulated kinase (ERK) signaling in T cells and prevents antigen-presenting cell-induced anergy. *Journal of Biological Chemistry*, **2003**, 278, 35940-9	5.4	25
46	Signaling and the Immunological Synapse **2003**, 339-345		
45	Scaffolds, adaptors and linkers of TCR signaling: theory and practice. *Current Opinion in Immunology* , **2002**, 14, 312-6	7.8	43
44	Regulation of Lck activity by CD4 and CD28 in the immunological synapse. *Nature Immunology*, **2002**, 3, 259-64	19.1	183
43	Kinase suppressor of Ras (KSR) is a scaffold which facilitates mitogen-activated protein kinase activation in vivo. *Molecular and Cellular Biology*, **2002**, 22, 3035-45	4.8	219
42	Inhibitory smads and tgf-Beta signaling in glomerular cells. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 2657-66	12.7	75
41	Cutting edge: quantitative imaging of raft accumulation in the immunological synapse. *Journal of Immunology*, **2002**, 169, 2837-41	5.3	122

40	T cell receptor signaling precedes immunological synapse formation. *Science*, **2002**, 295, 1539-42	33.3	577
39	Immature CD4(+)CD8(+) thymocytes form a multifocal immunological synapse with sustained tyrosine phosphorylation. *Immunity*, **2002**, 16, 839-48	32.3	119
38	Transcriptional induction of slit diaphragm genes by Lmx1b is required in podocyte differentiation. *Journal of Clinical Investigation*, **2002**, 109, 1065-72	15.9	50
37	The immunological synapse and CD28-CD80 interactions. *Nature Immunology*, **2001**, 2, 1159-66	19.1	248
36	Cutting edge: distinct motifs within CD28 regulate T cell proliferation and induction of Bcl-XL. *Journal of Immunology*, **2001**, 166, 5331-5	5.3	129
35	The immunological synapse. *Annual Review of Immunology*, **2001**, 19, 375-96	34.7	732
34	CD2AP localizes to the slit diaphragm and binds to nephrin via a novel C-terminal domain. *American Journal of Pathology*, **2001**, 159, 2303-8	5.8	226
33	Environmental control of immunological synapse formation and duration. *Trends in Immunology*, **2001**, 22, 192-4	14.4	54
32	FERMing up the synapse. *Immunity*, **2001**, 15, 683-6	32.3	45
31	CD2-associated protein and the kidney. *Current Opinion in Nephrology and Hypertension*, **2001**, 10, 19-22	3.5	20
30	Podocin, a raft-associated component of the glomerular slit diaphragm, interacts with CD2AP and nephrin. *Journal of Clinical Investigation*, **2001**, 108, 1621-1629	15.9	438
29	Signal transduction: hanging on a scaffold. *Current Opinion in Cell Biology*, **2000**, 12, 211-6	9	287
28	The 14-3-3 proteins. *Current Biology*, **2000**, 10, R400	6.3	15
27	CD2AP is expressed with nephrin in developing podocytes and is found widely in mature kidney and elsewhere. *American Journal of Physiology - Renal Physiology*, **2000**, 279, F785-92	4.3	117
26	CD28 and the tyrosine kinase lck stimulate mitogen-activated protein kinase activity in T cells via inhibition of the small G protein Rap1. *Molecular and Cellular Biology*, **2000**, 20, 8409-19	4.8	73
25	Coordinate regulation of T cell activation by CD2 and CD28. *Journal of Immunology*, **2000**, 164, 3591-5	5.3	62
24	Cytoskeletal polarization and redistribution of cell-surface molecules during T cell antigen recognition. *Seminars in Immunology*, **2000**, 12, 5-21	10.7	237
23	Proline residues in CD28 and the Src homology (SH)3 domain of Lck are required for T cell costimulation. *Journal of Experimental Medicine*, **1999**, 190, 375-84	16.6	154

22	Costimulation: building an immunological synapse. *Science*, **1999**, 283, 649-50	33.3	202
21	The immunological synapse: a molecular machine controlling T cell activation. *Science*, **1999**, 285, 221-7	33.3	2526
20	Congenital nephrotic syndrome in mice lacking CD2-associated protein. *Science*, **1999**, 286, 312-5	33.3	682
19	The 14-3-3 proteins positively regulate rapamycin-sensitive signaling. *Current Biology*, **1998**, 8, 1259-67	6.3	81
18	A novel adaptor protein orchestrates receptor patterning and cytoskeletal polarity in T-cell contacts. *Cell*, **1998**, 94, 667-77	56.2	593
17	Fidelity of T cell activation through multistep T cell receptor zeta phosphorylation. *Science*, **1998**, 281, 572-5	33.3	268
16	14-3-3 proteins are required for maintenance of Raf-1 phosphorylation and kinase activity. *Molecular and Cellular Biology*, **1998**, 18, 5229-38	4.8	198
15	Mitotic and G2 checkpoint control: regulation of 14-3-3 protein binding by phosphorylation of Cdc25C on serine-216. *Science*, **1997**, 277, 1501-5	33.3	1190
14	Making the T cell receptor go the distance: a topological view of T cell activation. *Immunity*, **1997**, 6, 361-9	32.3	357
13	1,25-dihydroxyvitamin D3 regulates pp60c-src activity and expression of a pp60c-src activating phosphatase. *Journal of Cellular Biochemistry*, **1997**, 67, 432-8	4.7	16
12	Interaction of 14-3-3 with signaling proteins is mediated by the recognition of phosphoserine. *Cell*, **1996**, 84, 889-97	56.2	1211
11	Identification of an interferon-gamma receptor alpha chain sequence required for JAK-1 binding. *Journal of Biological Chemistry*, **1996**, 271, 9-12	5.4	77
10	Regulation of antigen receptor signal transduction by protein tyrosine kinases. *Current Opinion in Immunology*, **1996**, 8, 394-401	7.8	165
9	P62 association with RNA is regulated by tyrosine phosphorylation. *Journal of Biological Chemistry*, **1995**, 270, 2010-3	5.4	123
8	Interactions of TCR tyrosine based activation motifs with tyrosine kinases. *Seminars in Immunology*, **1995**, 7, 13-20	10.7	17
7	Reconstitution of Syk function by the ZAP-70 protein tyrosine kinase. *Immunity*, **1995**, 2, 485-92	32.3	83
6	All signals are go: Reviewing lymphocyte signal transduction. *Cell*, **1995**, 81, 13-14	56.2	3
5	The conserved box 1 motif of cytokine receptors is required for association with JAK kinases. *Journal of Biological Chemistry*, **1995**, 270, 6523-30	5.4	180

4	p59fyn tyrosine kinase regulates p56lck tyrosine kinase activity and early TCR-mediated signaling. *International Immunology*, **1994**, 6, 1621-7	4.9	16
3	Extensive CD4 cross-linking inhibits T cell activation by anti-receptor antibody but not by antigen. *International Immunology*, **1992**, 4, 995-1001	4.9	26
2	Coordinate interactions of protein tyrosine kinases and protein tyrosine phosphatases in T-cell receptor-mediated signalling. *Current Opinion in Cell Biology*, **1991**, 3, 862-8	9	20
1	The lck tyrosine protein kinase interacts with the cytoplasmic tail of the CD4 glycoprotein through its unique amino-terminal domain. *Cell*, **1989**, 59, 627-36	56.2	344