

# Andrey S Shaw

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/327736/andrey-s-shaw-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The immunological synapse: a molecular machine controlling T cell activation. <i>Science</i> , <b>1999</b> , 285, 221-7	33.3	2526
164	Interaction of 14-3-3 with signaling proteins is mediated by the recognition of phosphoserine. <i>Cell</i> , <b>1996</b> , 84, 889-97	56.2	1211
163	Mitotic and G2 checkpoint control: regulation of 14-3-3 protein binding by phosphorylation of Cdc25C on serine-216. <i>Science</i> , <b>1997</b> , 277, 1501-5	33.3	1190
162	The immunological synapse. <i>Annual Review of Immunology</i> , <b>2001</b> , 19, 375-96	34.7	732
161	Congenital nephrotic syndrome in mice lacking CD2-associated protein. <i>Science</i> , <b>1999</b> , 286, 312-5	33.3	682
160	A novel adaptor protein orchestrates receptor patterning and cytoskeletal polarity in T-cell contacts. <i>Cell</i> , <b>1998</b> , 94, 667-77	56.2	593
159	T cell receptor signaling precedes immunological synapse formation. <i>Science</i> , <b>2002</b> , 295, 1539-42	33.3	577
158	Autophagy influences glomerular disease susceptibility and maintains podocyte homeostasis in aging mice. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1084-96	15.9	484
157	The immunological synapse balances T cell receptor signaling and degradation. <i>Science</i> , <b>2003</b> , 302, 1218-23	33.3	469
156	Podocin, a raft-associated component of the glomerular slit diaphragm, interacts with CD2AP and nephrin. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 1621-1629	15.9	438
155	CD2-associated protein haploinsufficiency is linked to glomerular disease susceptibility. <i>Science</i> , <b>2003</b> , 300, 1298-300	33.3	402
154	Making the T cell receptor go the distance: a topological view of T cell activation. <i>Immunity</i> , <b>1997</b> , 6, 361-9	32.3	357
153	The lck tyrosine protein kinase interacts with the cytoplasmic tail of the CD4 glycoprotein through its unique amino-terminal domain. <i>Cell</i> , <b>1989</b> , 59, 627-36	56.2	344
152	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. <i>Journal of Immunology</i> , <b>2006</b> , 177, 3260-5	5.3	342
151	Nephrin and CD2AP associate with phosphoinositide 3-OH kinase and stimulate AKT-dependent signaling. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 4917-28	4.8	320
150	Signal transduction: hanging on a scaffold. <i>Current Opinion in Cell Biology</i> , <b>2000</b> , 12, 211-6	9	287
149	Fidelity of T cell activation through multistep T cell receptor zeta phosphorylation. <i>Science</i> , <b>1998</b> , 281, 572-5	33.3	268

148	Cutting edge: CD96 (tactile) promotes NK cell-target cell adhesion by interacting with the poliovirus receptor (CD155). <i>Journal of Immunology</i> , <b>2004</b> , 172, 3994-8	5.3	258
147	The immunological synapse and CD28-CD80 interactions. <i>Nature Immunology</i> , <b>2001</b> , 2, 1159-66	19.1	248
146	Cytoskeletal polarization and redistribution of cell-surface molecules during T cell antigen recognition. <i>Seminars in Immunology</i> , <b>2000</b> , 12, 5-21	10.7	237
145	CD2AP localizes to the slit diaphragm and binds to nephrin via a novel C-terminal domain. <i>American Journal of Pathology</i> , <b>2001</b> , 159, 2303-8	5.8	226
144	Kinase suppressor of Ras (KSR) is a scaffold which facilitates mitogen-activated protein kinase activation in vivo. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 3035-45	4.8	219
143	Lipid rafts: now you see them, now you don't. <i>Nature Immunology</i> , <b>2006</b> , 7, 1139-42	19.1	208
142	Podocytes use FcRn to clear IgG from the glomerular basement membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 967-72	11.5	203
141	Costimulation: building an immunological synapse. <i>Science</i> , <b>1999</b> , 283, 649-50	33.3	202
140	Macrophage colony-stimulating factor induces the proliferation and survival of macrophages via a pathway involving DAP12 and beta-catenin. <i>Nature Immunology</i> , <b>2009</b> , 10, 734-43	19.1	198
139	14-3-3 proteins are required for maintenance of Raf-1 phosphorylation and kinase activity. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 5229-38	4.8	198
138	Arhgap24 inactivates Rac1 in mouse podocytes, and a mutant form is associated with familial focal segmental glomerulosclerosis. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 4127-37	15.9	198
137	Neonatal FcR expression in bone marrow-derived cells functions to protect serum IgG from catabolism. <i>Journal of Immunology</i> , <b>2007</b> , 179, 4580-8	5.3	192
136	Allosteric activation of functionally asymmetric RAF kinase dimers. <i>Cell</i> , <b>2013</b> , 154, 1036-1046	56.2	190
135	Regulation of Lck activity by CD4 and CD28 in the immunological synapse. <i>Nature Immunology</i> , <b>2002</b> , 3, 259-64	19.1	183
134	The conserved box 1 motif of cytokine receptors is required for association with JAK kinases. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 6523-30	5.4	180
133	Novel markers of normal and neoplastic human plasmacytoid dendritic cells. <i>Blood</i> , <b>2008</b> , 111, 3778-92	2.2	173
132	Proteinuria precedes podocyte abnormalities in <i>Lamb2</i> <sup>-/-</sup> mice, implicating the glomerular basement membrane as an albumin barrier. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2272-9	15.9	169
131	Regulation of antigen receptor signal transduction by protein tyrosine kinases. <i>Current Opinion in Immunology</i> , <b>1996</b> , 8, 394-401	7.8	165

130	Understanding the structure and function of the immunological synapse. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2010</b> , 2, a002311	10.2	159
129	A novel role for the adaptor molecule CD2-associated protein in transforming growth factor-beta-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 37004-12	5.4	157
128	Rare hereditary COL4A3/COL4A4 variants may be mistaken for familial focal segmental glomerulosclerosis. <i>Kidney International</i> , <b>2014</b> , 86, 1253-9	9.9	156
127	Proline residues in CD28 and the Src homology (SH)3 domain of Lck are required for T cell costimulation. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 375-84	16.6	154
126	Scaffold proteins and immune-cell signalling. <i>Nature Reviews Immunology</i> , <b>2009</b> , 9, 47-56	36.5	144
125	Cutting edge: distinct motifs within CD28 regulate T cell proliferation and induction of Bcl-XL. <i>Journal of Immunology</i> , <b>2001</b> , 166, 5331-5	5.3	129
124	P62 association with RNA is regulated by tyrosine phosphorylation. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 2010-3	5.4	123
123	Bigenic mouse models of focal segmental glomerulosclerosis involving pairwise interaction of CD2AP, Fyn, and synaptopodin. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1337-45	15.9	123
122	T cell receptor internalization from the immunological synapse is mediated by TC21 and RhoG GTPase-dependent phagocytosis. <i>Immunity</i> , <b>2011</b> , 35, 208-22	32.3	122
121	Cutting edge: quantitative imaging of raft accumulation in the immunological synapse. <i>Journal of Immunology</i> , <b>2002</b> , 169, 2837-41	5.3	122
120	Activation Mechanism of Oncogenic Deletion Mutations in BRAF, EGFR, and HER2. <i>Cancer Cell</i> , <b>2016</b> , 29, 477-493	24.3	119
119	Immature CD4(+)CD8(+) thymocytes form a multifocal immunological synapse with sustained tyrosine phosphorylation. <i>Immunity</i> , <b>2002</b> , 16, 839-48	32.3	119
118	CD2AP is expressed with nephrin in developing podocytes and is found widely in mature kidney and elsewhere. <i>American Journal of Physiology - Renal Physiology</i> , <b>2000</b> , 279, F785-92	4.3	117
117	KSR2 is an essential regulator of AMP kinase, energy expenditure, and insulin sensitivity. <i>Cell Metabolism</i> , <b>2009</b> , 10, 366-78	24.6	114
116	The balance between T cell receptor signaling and degradation at the center of the immunological synapse is determined by antigen quality. <i>Immunity</i> , <b>2008</b> , 29, 414-22	32.3	111
115	Nanoscale protein architecture of the kidney glomerular basement membrane. <i>ELife</i> , <b>2013</b> , 2, e01149	8.9	109
114	Immune synapses in T-cell activation. <i>Current Opinion in Immunology</i> , <b>2006</b> , 18, 298-304	7.8	107
113	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 3965-80	15.9	106

112	Mutations in the gene that encodes the F-actin binding protein anillin cause FSGS. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 1991-2002	12.7	104
111	Mutation that blocks ATP binding creates a pseudokinase stabilizing the scaffolding function of kinase suppressor of Ras, CRAF and BRAF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 6067-72	11.5	103
110	Kinases and pseudokinases: lessons from RAF. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 1538-46	4.8	100
109	Costimulation through NKG2D enhances murine CD8+ CTL function: similarities and differences between NKG2D and CD28 costimulation. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2825-33	5.3	94
108	Regulation of Fyn through translocation of activated Lck into lipid rafts. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1221-7	16.6	91
107	Live Cell Imaging of ERK and MEK: simple binding equilibrium explains the regulated nucleocytoplasmic distribution of ERK. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 3832-7	5.4	91
106	Rac1 activation in podocytes induces rapid foot process effacement and proteinuria. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 4755-64	4.8	89
105	Reconstitution of Syk function by the ZAP-70 protein tyrosine kinase. <i>Immunity</i> , <b>1995</b> , 2, 485-92	32.3	83
104	The 14-3-3 proteins positively regulate rapamycin-sensitive signaling. <i>Current Biology</i> , <b>1998</b> , 8, 1259-67	6.3	81
103	Vav1 controls DAP10-mediated natural cytotoxicity by regulating actin and microtubule dynamics. <i>Journal of Immunology</i> , <b>2006</b> , 177, 2349-55	5.3	77
102	Identification of an interferon-gamma receptor alpha chain sequence required for JAK-1 binding. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 9-12	5.4	77
101	The stimulatory potency of T cell antigens is influenced by the formation of the immunological synapse. <i>Immunity</i> , <b>2007</b> , 26, 345-55	32.3	75
100	Inhibitory smads and tgf-Beta signaling in glomerular cells. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 2657-66	12.7	75
99	CD28 and the tyrosine kinase lck stimulate mitogen-activated protein kinase activity in T cells via inhibition of the small G protein Rap1. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 8409-19	4.8	73
98	The gastric epithelial progenitor cell niche and differentiation of the zymogenic (chief) cell lineage. <i>Developmental Biology</i> , <b>2009</b> , 325, 211-24	3.1	72
97	Kinase regulation by hydrophobic spine assembly in cancer. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 2647-56	4.8	69
96	Identification of a novel inhibitory actin-capping protein binding motif in CD2-associated protein. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 19196-203	5.4	62
95	Scaffold proteins confer diverse regulatory properties to protein kinase cascades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 13307-12	11.5	62

94	Coordinate regulation of T cell activation by CD2 and CD28. <i>Journal of Immunology</i> , <b>2000</b> , 164, 3591-5	5.3	62
93	The c-SMAC: sorting it all out (or in). <i>Journal of Cell Biology</i> , <b>2005</b> , 170, 177-82	7.3	55
92	Environmental control of immunological synapse formation and duration. <i>Trends in Immunology</i> , <b>2001</b> , 22, 192-4	14.4	54
91	Disruption of XIAP-RIP2 Association Blocks NOD2-Mediated Inflammatory Signaling. <i>Molecular Cell</i> , <b>2018</b> , 69, 551-565.e7	17.6	53
90	CD2-associated protein (CD2AP) expression in podocytes rescues lethality of CD2AP deficiency. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 29677-81	5.4	53
89	Albumin-associated free fatty acids induce macropinocytosis in podocytes. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2307-16	15.9	53
88	Pathogenesis of nonimmune glomerulopathies. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2006</b> , 1, 349-74	34	52
87	In silico models for cellular and molecular immunology: successes, promises and challenges. <i>Nature Immunology</i> , <b>2003</b> , 4, 933-6	19.1	50
86	Transcriptional induction of slit diaphragm genes by Lmx1b is required in podocyte differentiation. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 1065-72	15.9	50
85	Heterogeneous distribution of natural zinc isotopes in mice. <i>Metallomics</i> , <b>2013</b> , 5, 693-9	4.5	49
84	An Nfil3-Zeb2-Id2 pathway imposes Irf8 enhancer switching during cDC1 development. <i>Nature Immunology</i> , <b>2019</b> , 20, 1174-1185	19.1	46
83	CD2AP links cortactin and capping protein at the cell periphery to facilitate formation of lamellipodia. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 38-47	4.8	46
82	MAPK p38 alpha is dispensable for lymphocyte development and proliferation. <i>Journal of Immunology</i> , <b>2005</b> , 174, 1239-44	5.3	46
81	FERMing up the synapse. <i>Immunity</i> , <b>2001</b> , 15, 683-6	32.3	45
80	Opposing Roles of Dendritic Cell Subsets in Experimental GN. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 138-154	12.7	44
79	Scaffolds, adaptors and linkers of TCR signaling: theory and practice. <i>Current Opinion in Immunology</i> , <b>2002</b> , 14, 312-6	7.8	43
78	Intravital and Kidney Slice Imaging of Podocyte Membrane Dynamics. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 3285-3290	12.7	43
77	The molecular scaffold kinase suppressor of Ras 1 is a modifier of RasV12-induced and replicative senescence. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 2202-14	4.8	41

76	The polarity protein Par1b/EMK/MARK2 regulates T cell receptor-induced microtubule-organizing center polarization. <i>Journal of Immunology</i> , <b>2009</b> , 183, 1215-21	5.3	39
75	Phosphatidylinositol 3-kinase activation is required to form the NKG2D immunological synapse. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 8583-99	4.8	39
74	TbetaRI independently activates Smad- and CD2AP-dependent pathways in podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 2127-37	12.7	38
73	Injury-induced actin cytoskeleton reorganization in podocytes revealed by super-resolution microscopy. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	38
72	A novel missense mutation of WilmsRTumor 1 causes autosomal dominant FSGS. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 831-43	12.7	37
71	Stathmin regulates microtubule dynamics and microtubule organizing center polarization in activated T cells. <i>Journal of Immunology</i> , <b>2012</b> , 188, 5421-7	5.3	36
70	Physiological T cell activation starts and propagates in lipid rafts. <i>Immunology Letters</i> , <b>2004</b> , 91, 3-9	4.1	36
69	Pseudokinases from a structural perspective. <i>Biochemical Society Transactions</i> , <b>2013</b> , 41, 981-6	5.1	35
68	KSR1 modulates the sensitivity of mitogen-activated protein kinase pathway activation in T cells without altering fundamental system outputs. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 2082-91	4.8	35
67	Negative regulation of RAF kinase activity by ATP is overcome by 14-3-3-induced dimerization. <i>Nature Structural and Molecular Biology</i> , <b>2020</b> , 27, 134-141	17.6	34
66	The FERM protein EPB41L5 regulates actomyosin contractility and focal adhesion formation to maintain the kidney filtration barrier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4621-E4630	11.5	33
65	Immunoglobulin-like transcript receptors on human dermal CD14+ dendritic cells act as a CD8-antagonist to control cytotoxic T cell priming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18885-90	11.5	33
64	Integration of signaling in the kinome: Architecture and regulation of the $\alpha$ Helix. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2015</b> , 1854, 1567-74	4	32
63	Single-Cell Transcriptome Profiling of the Kidney Glomerulus Identifies Key Cell Types and Reactions to Injury. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 2341-2354	12.7	32
62	B cell-derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	32
61	RAE1 $\beta$ ligand expressed on pancreatic islets recruits NKG2D receptor-expressing cytotoxic T cells independent of T cell receptor recognition. <i>Immunity</i> , <b>2012</b> , 36, 132-41	32.3	31
60	The MAPK scaffold kinase suppressor of Ras is involved in ERK activation by stress and proinflammatory cytokines and induction of arthritis. <i>Journal of Immunology</i> , <b>2006</b> , 177, 6152-8	5.3	30
59	CD2AP/CIN85 balance determines receptor tyrosine kinase signaling response in podocytes. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 7457-64	5.4	30

58	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. <i>Journal of Immunology</i> , <b>2010</b> , 185, 7394-404	5.3	29
57	A role for genetic susceptibility in sporadic focal segmental glomerulosclerosis. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 1067-78	15.9	29
56	Real-Time Analysis of Calcium Signals during the Early Phase of T Cell Activation Using a Genetically Encoded Calcium Biosensor. <i>Journal of Immunology</i> , <b>2016</b> , 196, 1471-9	5.3	28
55	Effects of CD2-associated protein deficiency on amyloid- $\beta$ neuroblastoma cells and in an APP transgenic mouse model. <i>Molecular Neurodegeneration</i> , <b>2015</b> , 10, 12	19	27
54	IL-12 enhances CTL synapse formation and induces self-reactivity. <i>Journal of Immunology</i> , <b>2009</b> , 182, 1351-61	5.3	26
53	Extensive CD4 cross-linking inhibits T cell activation by anti-receptor antibody but not by antigen. <i>International Immunology</i> , <b>1992</b> , 4, 995-1001	4.9	26
52	Ectopic B-Raf expression enhances extracellular signal-regulated kinase (ERK) signaling in T cells and prevents antigen-presenting cell-induced anergy. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 35940-9 <sup>5.4</sup>	5.4	25
51	Neonatal Fc receptor promotes immune complex-mediated glomerular disease. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 918-25	12.7	24
50	A systems mechanism for KRAS mutant allele-specific responses to targeted therapy. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	22
49	Kinase domain dimerization drives RIPK3-dependent necroptosis. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	21
48	Novel mechanism of tumor suppression by polarity gene discs large 1 (DLG1) revealed in a murine model of pediatric B-ALL. <i>Cancer Immunology Research</i> , <b>2013</b> , 1, 426-37	12.5	21
47	CD2-associated protein regulates plasmacytoid dendritic cell migration, but is dispensable for their development and cytokine production. <i>Journal of Immunology</i> , <b>2013</b> , 191, 5933-40	5.3	20
46	CD2-associated protein and the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2001</b> , 10, 19-22	3.5	20
45	Coordinate interactions of protein tyrosine kinases and protein tyrosine phosphatases in T-cell receptor-mediated signalling. <i>Current Opinion in Cell Biology</i> , <b>1991</b> , 3, 862-8	9	20
44	The mitogen-activated protein kinase scaffold KSR1 is required for recruitment of extracellular signal-regulated kinase to the immunological synapse. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 1554-64	4.8	19
43	Calmodulin and PI(3,4,5)P $\beta$ cooperatively bind to the Itk pleckstrin homology domain to promote efficient calcium signaling and IL-17A production. <i>Science Signaling</i> , <b>2014</b> , 7, ra74	8.8	18
42	CD45 down-regulates Lck-mediated CD44 signaling and modulates actin rearrangement in T cells. <i>Journal of Immunology</i> , <b>2008</b> , 181, 7033-43	5.3	18
41	Getting downstream without a Raft. <i>Cell</i> , <b>2005</b> , 121, 815-6	56.2	17



40	Glomerular expression of transforming growth factor-beta (TGF-beta) isoforms in mice lacking CD2-associated protein. <i>Pediatric Nephrology</i> , <b>2006</b> , 21, 333-8	3.2	17
39	Interactions of TCR tyrosine based activation motifs with tyrosine kinases. <i>Seminars in Immunology</i> , <b>1995</b> , 7, 13-20	10.7	17
38	The death effector domain protein PEA-15 negatively regulates T-cell receptor signaling. <i>FASEB Journal</i> , <b>2010</b> , 24, 2818-28	0.9	16
37	1,25-dihydroxyvitamin D3 regulates pp60c-src activity and expression of a pp60c-src activating phosphatase. <i>Journal of Cellular Biochemistry</i> , <b>1997</b> , 67, 432-8	4.7	16
36	p59fyn tyrosine kinase regulates p56lck tyrosine kinase activity and early TCR-mediated signaling. <i>International Immunology</i> , <b>1994</b> , 6, 1621-7	4.9	16
35	Dendrin ablation prolongs life span by delaying kidney failure. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 2143-57	5.8	15
34	The 14-3-3 proteins. <i>Current Biology</i> , <b>2000</b> , 10, R400	6.3	15
33	Clinical phenotype of APOL1 nephropathy in young relatives of patients with end-stage renal disease. <i>Pediatric Nephrology</i> , <b>2015</b> , 30, 983-9	3.2	14
32	NKG2D-NKG2D Ligand Interaction Inhibits the Outgrowth of Naturally Arising Low-Grade B Cell Lymphoma In Vivo. <i>Journal of Immunology</i> , <b>2016</b> , 196, 4805-13	5.3	14
31	Albuminuria associated with CD2AP knockout mice is primarily due to dysfunction of the renal degradation pathway processing of filtered albumin. <i>FEBS Letters</i> , <b>2013</b> , 587, 3738-41	3.8	13
30	Role of NKG2D in obesity-induced adipose tissue inflammation and insulin resistance. <i>PLoS ONE</i> , <b>2014</b> , 9, e110108	3.7	13
29	Gremlin 1 fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. <i>Nature Immunology</i> , <b>2021</b> , 22, 571-585	19.1	13
28	Quantitative Systems Pharmacology Analysis of KRAS G12C Covalent Inhibitors. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2018</b> , 7, 342-351	4.5	10
27	The adaptor molecule CD2AP in CD4 T cells modulates differentiation of follicular helper T cells during chronic LCMV infection. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007053	7.6	10
26	T-cell activation and immunologic synapse. <i>Immunologic Research</i> , <b>2005</b> , 32, 247-52	4.3	10
25	SAP signaling: a dual mechanism of action. <i>Immunity</i> , <b>2012</b> , 36, 899-901	32.3	9
24	A dual function of NKG2D ligands in NK-cell activation. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 2452-8.1	8.1	9
23	New roles revealed for T cells and DCs in glomerulonephritis. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1074-6	15.9	9

22	Pillars article: The immunological synapse: a molecular machine controlling T cell activation. <i>Science</i> . 1999. 285: 221-227. <i>Journal of Immunology</i> , <b>2015</b> , 194, 4066-72	5.3	9
21	Regulated movement of CD4 in and out of the immunological synapse. <i>Journal of Immunology</i> , <b>2008</b> , 181, 8248-57	5.3	8
20	The Mesangial cell - the glomerular stromal cell. <i>Nature Reviews Nephrology</i> , <b>2021</b> , 17, 855-864	14.9	6
19	Kinase suppressor of Ras 1 is not required for the generation of regulatory and memory T cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e57137	3.7	4
18	Kinase suppressor of Ras 1 is required for full ERK activation in thymocytes but not for thymocyte selection. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 3226-34	6.1	4
17	What is the point of pseudokinases?. <i>ELife</i> , <b>2015</b> , 4, e07771	8.9	4
16	Immunology. Do T cells have a cilium?. <i>Science</i> , <b>2013</b> , 342, 1177-8	33.3	3
15	TRP $\alpha$ up chronic kidney disease. <i>Science</i> , <b>2017</b> , 358, 1256-1257	33.3	3
14	All signals are go: Reviewing lymphocyte signal transduction. <i>Cell</i> , <b>1995</b> , 81, 13-14	56.2	3
13	Podocyte Aging: Why and How Getting Old Matters. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> , 32, 2697-2713	12.7	3
12	Antibody toolkit reveals N-terminally ubiquitinated substrates of UBE2W. <i>Nature Communications</i> , <b>2021</b> , 12, 4608	17.4	3
11	New approaches in renal microscopy: volumetric imaging and superresolution microscopy. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2016</b> , 25, 159-67	3.5	3
10	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 780-780	15.9	2
9	Homozygous KSR1 deletion attenuates morbidity but does not prevent tumor development in a mouse model of RAS-driven pancreatic cancer. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194998	3.7	1
8	Immunology. CAR $\alpha$ for the skin. <i>Science</i> , <b>2010</b> , 329, 1154-5	33.3	1
7	CRAF dimerization with ARAF regulates KRAS-driven tumor growth.. <i>Cell Reports</i> , <b>2022</b> , 38, 110351	10.6	1
6	Preparation of single-cell suspensions of mouse glomeruli for high-throughput analysis. <i>Nature Protocols</i> , <b>2021</b> , 16, 4068-4083	18.8	1
5	Super-resolution Imaging of the Kidney Glomerulus in Health and Disease Conditions. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 1318-1319	0.5	

- 4 New lamp posts allow for new views of the immunological synapse. *Immunity*, **2015**, 42, 781-3 32.3
- 3 Signaling and the Immunological Synapse **2010**, 1283-1291
- 2 Signaling and the Immunological Synapse **2003**, 339-345
- 1 Scaffold Proteins Confer Diverse Regulatory Properties to Protein Kinase Cascades. *FASEB Journal*, **2007**, 21, A264 0.9