

# Yoji Shimizu

## List of Publications by Year in Descending Order

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

81  
papers

6,468  
citations

39  
h-index

80  
g-index

104  
ext. papers

6,941  
ext. citations

9.8  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
81	Irreversible electroporation augments checkpoint immunotherapy in prostate cancer and promotes tumor antigen-specific tissue-resident memory CD8 <sup>+</sup> T cells. <i>Nature Communications</i> , <b>2021</b> , 12, 3862	17.4	11
80	Engineering T cell response to cancer antigens by choice of focal therapeutic conditions. <i>International Journal of Hyperthermia</i> , <b>2019</b> , 36, 130-138	3.7	35
79	Role of afferent and efferent renal nerves in the development of AngII-salt hypertension in rats. <i>Physiological Reports</i> , <b>2018</b> , 6, e13602	2.6	14
78	Cytokine-mediated activation of human ex vivo-expanded VβVα T cells. <i>Oncotarget</i> , <b>2017</b> , 8, 45928-45943	3.3	7
77	Renal Denervation Normalizes Arterial Pressure With No Effect on Glucose Metabolism or Renal Inflammation in Obese Hypertensive Mice. <i>Hypertension</i> , <b>2016</b> , 68, 929-36	8.5	15
76	Adhesion- and Degranulation-Promoting Adapter Protein Promotes CD8 T Cell Differentiation and Resident Memory Formation and Function during an Acute Infection. <i>Journal of Immunology</i> , <b>2016</b> , 197, 2079-89	5.3	6
75	CD28/B7 Deficiency Attenuates Systolic Overload-Induced Congestive Heart Failure, Myocardial and Pulmonary Inflammation, and Activated T Cell Accumulation in the Heart and Lungs. <i>Hypertension</i> , <b>2016</b> , 68, 688-96	8.5	28
74	Resting Afferent Renal Nerve Discharge and Renal Inflammation: Elucidating the Role of Afferent and Efferent Renal Nerves in Deoxycorticosterone Acetate Salt Hypertension. <i>Hypertension</i> , <b>2016</b> , 68, 1415-1423	8.5	66
73	Negative Regulation of Memory Phenotype CD8 T Cell Conversion by Adhesion and Degranulation-Promoting Adapter Protein. <i>Journal of Immunology</i> , <b>2015</b> , 195, 3119-28	5.3	8
72	Multistage T cell-dendritic cell interactions control optimal CD4 T cell activation through the ADAP-SKAP55-signaling module. <i>Journal of Immunology</i> , <b>2013</b> , 191, 2372-83	5.3	11
71	ICAM-1-dependent homotypic aggregates regulate CD8 T cell effector function and differentiation during T cell activation. <i>Journal of Immunology</i> , <b>2013</b> , 191, 3681-93	5.3	39
70	ADAP regulates cell cycle progression of T cells via control of cyclin E and Cdk2 expression through two distinct CARMA1-dependent signaling pathways. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 1908-17	4.8	10
69	The pleckstrin homology domain in the SKAP55 adapter protein defines the ability of the adapter protein ADAP to regulate integrin function and NF-kappaB activation. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6227-37	5.3	18
68	β1 integrin is critical for the maintenance of antigen-specific CD4 T cells in the bone marrow but not long-term immunological memory. <i>Journal of Immunology</i> , <b>2011</b> , 186, 4019-26	5.3	15
67	β-Actin specifically controls cell growth, migration, and the G-actin pool. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 4047-58	3.5	174
66	Control of alpha4beta7 integrin expression and CD4 T cell homing by the beta1 integrin subunit. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2458-67	5.3	59
65	NF-kappaB activation in T cells requires discrete control of IkappaB kinase alpha/beta (IKKalpha/beta) phosphorylation and IKKgammabeta ubiquitination by the ADAP adapter protein. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 11100-5	5.4	29

64	Integrin function in T-cell homing to lymphoid and nonlymphoid sites: getting there and staying there. <i>Critical Reviews in Immunology</i> , <b>2009</b> , 29, 87-109	1.8	100
63	The p110gamma isoform of phosphatidylinositol 3-kinase regulates migration of effector CD4 T lymphocytes into peripheral inflammatory sites. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 84, 814-23	6.5	40
62	Selective regulation of CD8 effector T cell migration by the p110 gamma isoform of phosphatidylinositol 3-kinase. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2081-8	5.3	60
61	Distinct regulation of integrin-dependent T cell conjugate formation and NF-kappa B activation by the adapter protein ADAP. <i>Journal of Immunology</i> , <b>2008</b> , 181, 4840-51	5.3	23
60	The WAVE2 complex regulates T cell receptor signaling to integrins via Abl- and CrkL-C3G-mediated activation of Rap1. <i>Journal of Cell Biology</i> , <b>2008</b> , 182, 1231-44	7.3	85
59	The WAVE2 complex regulates T cell receptor signaling to integrins via Abl- and CrkL-C3G-mediated activation of Rap1. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, i21-i21	16.6	
58	Signal Transduction Events Regulating Integrin Function and T Cell Migration in the Mouse <b>2007</b> , 195-206		
57	T-cell receptor signaling to integrins. <i>Immunological Reviews</i> , <b>2007</b> , 218, 65-81	11.3	112
56	Adhesion and degranulation-promoting adapter protein (ADAP) positively regulates T cell sensitivity to antigen and T cell survival. <i>Journal of Immunology</i> , <b>2007</b> , 179, 3559-69	5.3	31
55	MHC class II deprivation impairs CD4 T cell motility and responsiveness to antigen-bearing dendritic cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 7181-6	11.5	57
54	WAVE2 regulates high-affinity integrin binding by recruiting vinculin and talin to the immunological synapse. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 5986-6000	4.8	87
53	Regulation of NF-kappaB activation in T cells via association of the adapter proteins ADAP and CARMA1. <i>Science</i> , <b>2007</b> , 316, 754-8	33.3	81
52	Formins regulate the actin-related protein 2/3 complex-independent polarization of the centrosome to the immunological synapse. <i>Immunity</i> , <b>2007</b> , 26, 177-90	32.3	216
51	The WAVE2 complex regulates actin cytoskeletal reorganization and CRAC-mediated calcium entry during T cell activation. <i>Current Biology</i> , <b>2006</b> , 16, 24-34	6.3	194
50	Quantitative measurement of nuclear translocation events using similarity analysis of multispectral cellular images obtained in flow. <i>Journal of Immunological Methods</i> , <b>2006</b> , 311, 117-29	2.5	196
49	ADAP is dispensable for NK cell development and function. <i>International Immunology</i> , <b>2006</b> , 18, 1305-14	4.9	20
48	Matrix metalloproteinase-1 produced by human CXCL12-stimulated natural killer cells. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 445-58	5.8	35
47	Protein kinase D1 and the beta 1 integrin cytoplasmic domain control beta 1 integrin function via regulation of Rap1 activation. <i>Immunity</i> , <b>2005</b> , 23, 213-26	32.3	75

46	Tec kinases regulate TCR-mediated recruitment of signaling molecules and integrin-dependent cell adhesion. <i>Journal of Immunology</i> , <b>2005</b> , 175, 5923-30	5.3	41
45	Control of TCR-mediated activation of beta 1 integrins by the ZAP-70 tyrosine kinase interdomain B region and the linker for activation of T cells adapter protein. <i>Journal of Immunology</i> , <b>2004</b> , 172, 5379-87	5.3	39
44	Cutting edge: LFA-1 integrin-dependent T cell adhesion is regulated by both ag specificity and sensitivity. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2222-6	5.3	27
43	Integrins and T cell-mediated immunity. <i>Annual Review of Immunology</i> , <b>2004</b> , 22, 157-80	34.7	189
42	Signal transduction events regulating integrin function and T cell migration: new functions and complexity. <i>Immunologic Research</i> , <b>2003</b> , 27, 107-28	4.3	11
41	Disabling multiple integrins from the inside out. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 23-4	15.9	1
40	Adhesion in the immune system. <i>Immunological Reviews</i> , <b>2002</b> , 186, 5-7	11.3	1
39	Genetic analysis of integrin activation in T lymphocytes. <i>Immunological Reviews</i> , <b>2002</b> , 186, 172-88	11.3	12
38	A novel function for the Tec family tyrosine kinase Itk in activation of beta 1 integrins by the T-cell receptor. <i>EMBO Journal</i> , <b>2001</b> , 20, 1232-44	13	91
37	Regulation of the PH-domain-containing tyrosine kinase Etk by focal adhesion kinase through the FERM domain. <i>Nature Cell Biology</i> , <b>2001</b> , 3, 439-44	23.4	130
36	Cutting edge: T cell migration regulated by CXCR4 chemokine receptor signaling to ZAP-70 tyrosine kinase. <i>Journal of Immunology</i> , <b>2001</b> , 167, 1857-61	5.3	90
35	Measurement of cellular adhesion under static conditions. <i>Current Protocols in Immunology</i> , <b>2001</b> , Chapter 7, Unit 7.28	4	5
34	Coupling of the TCR to integrin activation by Slap-130/Fyb. <i>Science</i> , <b>2001</b> , 293, 2263-5	33.3	278
33	Role of phosphoinositide 3-kinase and the Cbl adaptor protein in coupling the $\alpha 4 \beta 1$ integrin to mitogen-activated protein kinase signalling. <i>Biochemical Journal</i> , <b>2000</b> , 345, 385-392	3.8	23
32	Role of phosphoinositide 3-kinase and the Cbl adaptor protein in coupling the $\alpha 4 \beta 1$ integrin to mitogen-activated protein kinase signalling. <i>Biochemical Journal</i> , <b>2000</b> , 345, 385	3.8	5
31	Activation-dependent changes in soluble fibronectin binding and expression of beta1 integrin activation epitopes in T cells: relationship to T cell adhesion and migration. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 38-49	6.1	31
30	From the ECM to the cytoskeleton and back: how integrins orchestrate T cell action. <i>Autoimmunity</i> , <b>2000</b> , 7, 155-70		11
29	Regulation of beta 1 integrin-mediated adhesion by T cell receptor signaling involves ZAP-70 but differs from signaling events that regulate transcriptional activity. <i>Journal of Immunology</i> , <b>2000</b> , 165, 4941-9	5.3	36

28	Cutting edge: a novel function for the SLAP-130/FYB adapter protein in beta 1 integrin signaling and T lymphocyte migration. <i>Journal of Immunology</i> , <b>2000</b> , 164, 1143-7	5.3	69
27	Activation-dependent changes in soluble fibronectin binding and expression of $\beta$ 1 integrin activation epitopes in T cells: relationship to T cell adhesion and migration <b>2000</b> , 30, 38		2
26	Activation-dependent changes in soluble fibronectin binding and expression of $\beta$ 1 integrin activation epitopes in T cells: relationship to T cell adhesion and migration <b>2000</b> , 30, 38		2
25	Stimulation of beta1-integrin function by epidermal growth factor and heregulin-beta has distinct requirements for erbB2 but a similar dependence on phosphoinositide 3-OH kinase. <i>Molecular Biology of the Cell</i> , <b>1999</b> , 10, 2861-78	3.5	81
24	Regulation of integrin function by T cell activation: points of convergence and divergence. <i>Immunologic Research</i> , <b>1999</b> , 20, 127-45	4.3	23
23	Integrins in the immune system. <i>Advances in Immunology</i> , <b>1999</b> , 72, 325-80	5.6	89
22	Regulation of beta 1-integrin-mediated cell adhesion by the Cbl adaptor protein. <i>Current Biology</i> , <b>1998</b> , 8, 814-22	6.3	55
21	Identification of a proline-rich sequence in the CD2 cytoplasmic domain critical for regulation of integrin-mediated adhesion and activation of phosphoinositide 3-kinase. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 5291-307	4.8	42
20	Adhesion Molecules <b>1998</b> , 26-33		1
19	Use of a $\beta$ 1 Integrin-deficient Human T Cell to Identify $\beta$ 1 Integrin Cytoplasmic Domain Sequences Critical for Integrin Function. <i>Molecular Biology of the Cell</i> , <b>1998</b> , 9, 2715-2727	3.5	38
18	T-lymphocyte interactions with endothelium and extracellular matrix. <i>Critical Reviews in Oral Biology and Medicine</i> , <b>1996</b> , 7, 59-86		16
17	Regulating integrin-mediated adhesion: one more function for PI 3-kinase?. <i>Trends in Immunology</i> , <b>1996</b> , 17, 565-73		100
16	T cell receptor stimulation, but not CD28 costimulation, is dependent on LFA-1-mediated events. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 265-72	6.1	23
15	Tyrosine kinase activity associated with the CD7 antigen: correlation with regulation of T cell integrin function. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 2602-8	6.1	18
14	Costimulation of superantigen-activated T lymphocytes by autologous dendritic cells is dependent on B7. <i>Cellular Immunology</i> , <b>1994</b> , 156, 220-9	4.4	27
13	Regulatory mechanisms underlying T cell integrin receptor function. <i>Seminars in Immunology</i> , <b>1993</b> , 5, 227-36	10.7	16
12	Activated keratinocytes present bacterial-derived superantigens to T lymphocytes: relevance to psoriasis. <i>Journal of Dermatological Science</i> , <b>1993</b> , 6, 127-33	4.3	26
11	Histamine and cis-urocanic acid augment tumor necrosis factor-alpha mediated induction of keratinocyte intercellular adhesion molecule-1 expression. <i>Journal of Cellular Physiology</i> , <b>1993</b> , 156, 348-57	7.57	32

10	Lymphocyte interactions with endothelial cells. <i>Trends in Immunology</i> , <b>1992</b> , 13, 106-12		607
9	Roles of multiple accessory molecules in T-cell activation. <i>Current Opinion in Immunology</i> , <b>1991</b> , 3, 294-303		146
8	Activation-independent binding of human memory T cells to adhesion molecule ELAM-1. <i>Nature</i> , <b>1991</b> , 349, 799-802	50.4	347
7	Remote T cell co-stimulation via LFA-1/ICAM-1 and CD2/LFA-3: demonstration with immobilized ligand/mAb and implication in monocyte-mediated co-stimulation. <i>European Journal of Immunology</i> , <b>1991</b> , 21, 1711-8	6.1	86
6	Lymphocyte interactions with extracellular matrix. <i>FASEB Journal</i> , <b>1991</b> , 5, 2292-9	0.9	282
5	Roles of adhesion molecules in T-cell recognition: fundamental similarities between four integrins on resting human T cells (LFA-1, VLA-4, VLA-5, VLA-6) in expression, binding, and costimulation. <i>Immunological Reviews</i> , <b>1990</b> , 114, 109-43	11.3	292
4	Regulated expression and binding of three VLA (beta 1) integrin receptors on T cells. <i>Nature</i> , <b>1990</b> , 345, 250-3	50.4	590
3	Hyporesponsiveness of "naive" (CD45RA+) human T cells to multiple receptor-mediated stimuli but augmentation of responses by co-stimuli. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 1111-8	6.1	104
2	Demonstration by class I gene transfer that reduced susceptibility of human cells to natural killer cell-mediated lysis is inversely correlated with HLA class I antigen expression. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 447-51	6.1	116
1	Organization of the human class I major histocompatibility complex genes. <i>Immunologic Research</i> , <b>1987</b> , 6, 1-10	4.3	58