

Tatsuo Kinashi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,353
citations

201674

27
h-index

233421

45
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49
all docs

49
docs citations

49
times ranked

3702
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning of cDNA encoding the murine IgG1 induction factor by a novel strategy using SP6 promoter. <i>Nature</i> , 1986, 319, 640-646.	27.8	506
2	Intracellular signalling controlling integrin activation in lymphocytes. <i>Nature Reviews Immunology</i> , 2005, 5, 546-559.	22.7	504
3	RAPL, a Rap1-binding molecule that mediates Rap1-induced adhesion through spatial regulation of LFA-1. <i>Nature Immunology</i> , 2003, 4, 741-748.	14.5	442
4	Rap1 translates chemokine signals to integrin activation, cell polarization, and motility across vascular endothelium under flow. <i>Journal of Cell Biology</i> , 2003, 161, 417-427.	5.2	339
5	Rap1 Is a Potent Activation Signal for Leukocyte Function-Associated Antigen 1 Distinct from Protein Kinase C and Phosphatidylinositol-3-OH Kinase. <i>Molecular and Cellular Biology</i> , 2000, 20, 1956-1969.	2.3	313
6	Spatiotemporal regulation of the kinase Mst1 by binding protein RAPL is critical for lymphocyte polarity and adhesion. <i>Nature Immunology</i> , 2006, 7, 919-928.	14.5	217
7	Crucial functions of the Rap1 effector molecule RAPL in lymphocyte and dendritic cell trafficking. <i>Nature Immunology</i> , 2004, 5, 1045-1051.	14.5	184
8	Rap1 Functions as a Key Regulator of T-Cell and Antigen-Presenting Cell Interactions and Modulates T-Cell Responses. <i>Molecular and Cellular Biology</i> , 2002, 22, 1001-1015.	2.3	161
9	Reelin Controls Neuronal Positioning by Promoting Cell-Matrix Adhesion via Inside-Out Activation of Integrin $\alpha 5 \beta 1$. <i>Neuron</i> , 2012, 76, 353-369.	8.1	156
10	Mst1 controls lymphocyte trafficking and interstitial motility within lymph nodes. <i>EMBO Journal</i> , 2009, 28, 1319-1331.	7.8	149
11	Mst1 regulates integrin-dependent thymocyte trafficking and antigen recognition in the thymus. <i>Nature Communications</i> , 2012, 3, 1098.	12.8	116
12	Dendritic Cells Regulate High-Speed Interstitial T Cell Migration in the Lymph Node via LFA-1/ICAM-1. <i>Journal of Immunology</i> , 2013, 191, 1188-1199.	0.8	108
13	LAD-III, a leukocyte adhesion deficiency syndrome associated with defective Rap1 activation and impaired stabilization of integrin bonds. <i>Blood</i> , 2004, 103, 1033-1036.	1.4	107
14	The Critical Cytoplasmic Regions of the $\alpha L \beta 2$ Integrin in Rap1-induced Adhesion and Migration. <i>Molecular Biology of the Cell</i> , 2003, 14, 2570-2582.	2.1	100
15	Rap1-mediated Lymphocyte Function-associated Antigen-1 Activation by the T Cell Antigen Receptor Is Dependent on Phospholipase C- $\beta 1$. <i>Journal of Biological Chemistry</i> , 2004, 279, 11875-11881.	3.4	94
16	Regulation of lymphocyte adhesion and migration by the small GTPase Rap1 and its effector molecule, RAPL. <i>Immunology Letters</i> , 2004, 93, 1-5.	2.5	84
17	Rab13 acts downstream of the kinase Mst1 to deliver the integrin LFA-1 to the cell surface for lymphocyte trafficking. <i>Science Signaling</i> , 2014, 7, ra72.	3.6	59
18	CD98 induces LFA-1-mediated cell adhesion in lymphoid cells via activation of Rap1. <i>FEBS Letters</i> , 2001, 489, 249-253.	2.8	58

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19	The M-Ras-RA-GEF-2-Rap1 Pathway Mediates Tumor Necrosis Factor- α -dependent Regulation of Integrin Activation in Splenocytes. <i>Molecular Biology of the Cell</i> , 2007, 18, 2949-2959.	2.1	52
20	Distinct Mechanisms of β 21 Integrin Activation by Ha-Ras and R-Ras. <i>Journal of Biological Chemistry</i> , 2000, 275, 22590-22596.	3.4	51
21	Integrin Regulation of Lymphocyte Trafficking: Lessons from Structural and Signaling Studies. <i>Advances in Immunology</i> , 2007, 93, 185-227.	2.2	51
22	Rap1 controls lymphocyte adhesion cascade and interstitial migration within lymph nodes in RAPL-dependent and -independent manners. <i>Blood</i> , 2010, 115, 804-814.	1.4	49
23	Autotaxin Produced by Stromal Cells Promotes LFA-1-independent and Rho-Dependent Interstitial T Cell Motility in the Lymph Node Paracortex. <i>Journal of Immunology</i> , 2014, 193, 617-626.	0.8	48
24	Regulation of immune cell adhesion and migration by regulator of adhesion and cell polarization enriched in lymphoid tissues. <i>Immunology</i> , 2005, 116, 164-171.	4.4	45
25	Antigen-Specific Suppression and Immunological Synapse Formation by Regulatory T Cells Require the Mst1 Kinase. <i>PLoS ONE</i> , 2013, 8, e73874.	2.5	43
26	Overview of Integrin Signaling in the Immune System. <i>Methods in Molecular Biology</i> , 2011, 757, 261-278.	0.9	37
27	NDR1-Dependent Regulation of Kindlin-3 Controls High-Affinity LFA-1 Binding and Immune Synapse Organization. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	37
28	Deficiency of Rap1-Binding Protein RAPL Causes Lymphoproliferative Disorders through Mislocalization of p27kip1. <i>Immunity</i> , 2011, 34, 24-38.	14.3	27
29	Microenvironmental Control of High-Speed Interstitial T Cell Migration in the Lymph Node. <i>Frontiers in Immunology</i> , 2016, 7, 194.	4.8	27
30	Mode of Tolerance Induction and Requirement for Aire Are Governed by the Cell Types That Express Self-Antigen and Those That Present Antigen. <i>Journal of Immunology</i> , 2017, 199, 3959-3971.	0.8	24
31	Hypermethylation of MST1 in IgG4-related autoimmune pancreatitis and rheumatoid arthritis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 968-974.	2.1	21
32	Integrin LFA-1 regulates cell adhesion via transient clutch formation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 459-466.	2.1	20
33	Sema3e/Plexin D1 Modulates Immunological Synapse and Migration of Thymocytes by Rap1 Inhibition. <i>Journal of Immunology</i> , 2016, 196, 3019-3031.	0.8	19
34	Enhanced cytotoxic T cell function and inhibition of tumor progression by Mst1 deficiency. <i>FEBS Letters</i> , 2016, 590, 68-75.	2.8	17
35	Visualizing the Rapid and Dynamic Elimination of Allogeneic T Cells in Secondary Lymphoid Organs. <i>Journal of Immunology</i> , 2018, 201, 1062-1072.	0.8	14
36	MST1/2 Balance Immune Activation and Tolerance by Orchestrating Adhesion, Transcription, and Organelle Dynamics in Lymphocytes. <i>Frontiers in Immunology</i> , 2020, 11, 733.	4.8	14

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37	Adhere Upright: A Switchblade-like Extension of β 2 Integrins. <i>Immunity</i> , 2006, 25, 521-522.	14.3	12
38	Live-Cell FRET Imaging Reveals a Role of Extracellular Signal-Regulated Kinase Activity Dynamics in Thymocyte Motility. <i>iScience</i> , 2018, 10, 98-113.	4.1	10
39	Kindlin-3 disrupts an intersubunit association in the integrin LFA1 to trigger positive feedback activation by Rap1 and talin1. <i>Science Signaling</i> , 2021, 14, .	3.6	10
40	Rap1 and Integrin Inside-Out Signaling. <i>Methods in Molecular Biology</i> , 2011, 757, 279-296.	0.9	9
41	Essential Role of Canonical NF- κ B Activity in the Development of Stromal Cell Subsets in Secondary Lymphoid Organs. <i>Journal of Immunology</i> , 2018, 201, 3580-3586.	0.8	9
42	The RacGAP protein FilGAP is a negative regulator of chemokine- α -promoted lymphocyte migration. <i>FEBS Letters</i> , 2016, 590, 1395-1408.	2.8	4
43	LFA1 Activation: Insights from a Single-Molecule Approach. <i>Cells</i> , 2022, 11, 1751.	4.1	3
44	Editorial: Hippo Signaling in the Immune System. <i>Frontiers in Immunology</i> , 2020, 11, 587514.	4.8	2
45	Effect of Learning Dataset for Identification of Active Molecules: A Case Study of Integrin α 11 β 23 Inhibitors. <i>Molecular Informatics</i> , 2021, 40, 2060040.	2.5	1
46	2SEP-03 Regulation of Lymphocyte "Stop and Go" via LFA-1 and ICAM-1 : Lymphocyte Trafficking Analysis using Live Imaging Techniques(2SEP Exploring mechanisms of emerging order in multicellular systems :) Tj ETQq0 0,0,rgBT /Overlock 10	0.1	0
47	2P232 Analysis of spontaneous migration of T cell(17. Behavior,Poster). <i>Seibutsu Butsuri</i> , 2014, 54, S233.	0.1	0
48	Enhanced cytotoxic T cell function and suppression of tumor development by Mst1 deficiency. <i>The Journal of Kansai Medical University</i> , 2017, 68, 9-15.	0.3	0