Takako Hirata

List of Publications by Year in descending order

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41 papers	2,306 citations	279798 23 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	3230 citing authors

#	Article	IF	Citations
1	The ERM protein moesin regulates natural killer cell homeostasis in vivo. Cellular Immunology, 2022, 371, 104456.	3.0	5
2	Isolation of TCR genes with tumor-killing activity from tumor-infiltrating and circulating lymphocytes in a tumor rejection cynomolgus macaque model. Molecular Therapy - Oncolytics, 2022, 24, 77-86.	4.4	3
3	Alteration in endometrial helper Tâ€cell subgroups in chronic endometritis. American Journal of Reproductive Immunology, 2021, 85, e13372.	1.2	15
4	mDia1/3-dependent actin polymerization spatiotemporally controls LAT phosphorylation by Zap70 at the immune synapse. Science Advances, 2020, 6, eaay2432.	10.3	9
5	Citrullinated fibrinogen is a target of auto-antibodies in interstitial lung disease in mice with collagen-induced arthritis. International Immunology, 2020, 32, 533-545.	4.0	12
6	Characterization of tumour-infiltrating lymphocytes in a tumour rejection cynomolgus macaque model. Scientific Reports, 2020, 10, 8414.	3.3	5
7	A novel Siglec-F+ neutrophil subset in the mouse nasal mucosa exhibits an activated phenotype and is increased in an allergic rhinitis model. Biochemical and Biophysical Research Communications, 2020, 526, 599-606.	2.1	20
8	CCL28-Deficient Mice Have Reduced IgA Antibodyâ€“Secreting Cells and an Altered Microbiota in the Colon. Journal of Immunology, 2018, 200, 800-809.	0.8	29
9	The ERM Protein Moesin Regulates CD8+ Regulatory T Cell Homeostasis and Self-Tolerance. Journal of Immunology, 2017, 199, 3418-3426.	0.8	22
10	Impaired lymphocyte trafficking in mice deficient in the kinase activity of PKN1. Scientific Reports, 2017, 7, 7663.	3.3	18
11	Glycosylation Status of CD43 Protein Is Associated with Resistance of Leukemia Cells to CTL-Mediated Cytolysis. PLoS ONE, 2016, 11, e0152326.	2.5	6
12	Moesin regulates neutrophil rolling velocity in vivo. Cellular Immunology, 2016, 304-305, 59-62.	3.0	15
13	Upregulated CCL28 expression in the nasal mucosa in experimental allergic rhinitis: Implication for CD4+ memory T cell recruitment. Cellular Immunology, 2016, 302, 58-62.	3.0	16
14	Blood Vascular Endothelial Adhesion Molecules. , 2016, , 512-519.		0
15	A novel splice variant of human L-selectin encodes a soluble molecule that is elevated in serum of patients with rheumatic diseases. Biochemical and Biophysical Research Communications, 2015, 462, 371-377.	2.1	5
16	Prostaglandin E2 promotes Th1 differentiation via synergistic amplification of IL-12 signalling by cAMP and PI3-kinase. Nature Communications, 2013, 4, 1685.	12.8	99
17	Moesin Controls Clathrin-Mediated S1PR1 Internalization in T Cells. PLoS ONE, 2013, 8, e82590.	2.5	20
18	Moesin-deficient mice reveal a non-redundant role for moesin in lymphocyte homeostasis. International Immunology, 2012, 24, 705-717.	4.0	55

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19	Prostanoids as Regulators of Innate and Adaptive Immunity. Advances in Immunology, 2012, 116, 143-174.	2.2	92
20	A GPR40 Agonist GW9508 Suppresses CCL5, CCL17, and CXCL10 Induction in Keratinocytes and Attenuates Cutaneous Immune Inflammation. Journal of Investigative Dermatology, 2011, 131, 1660-1667.	0.7	67
21	Prostanoid Receptors. Chemical Reviews, 2011, 111, 6209-6230.	47.7	120
22	Prostaglandin E₂â€“prostoglandin E receptor subtype 4 (EP4) signaling mediates UV irradiation-induced systemic immunosuppression. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6668-6673.	7.1	105
23	Constitutive Expression of IDO by Dendritic Cells of Mesenteric Lymph Nodes: Functional Involvement of the CTLA-4/B7 and CCL22/CCR4 Interactions. Journal of Immunology, 2009, 183, 5608-5614.	0.8	67
24	P-Selectin Glycoprotein Ligand-1 Negatively Regulates T-Cell Immune Responses. Journal of Immunology, 2009, 183, 7204-7211.	0.8	39
25	Nepmucin/CLMâ€9, an Ig domainâ€containing sialomucin in vascular endothelial cells, promotes lymphocyte transendothelial migration in vitro. FEBS Letters, 2008, 582, 3018-3024.	2.8	22
26	CD43 Plays Both Antiadhesive and Proadhesive Roles in Neutrophil Rolling in a Context-Dependent Manner. Journal of Immunology, 2008, 181, 3628-3635.	0.8	33
27	CD4+CD25+ regulatory T cells in the small intestinal lamina propria show an effector/memory phenotype. International Immunology, 2008, 20, 307-315.	4.0	47
28	Identification of Novel Isoforms of Mouse L-selectin with Different Carboxyl-terminal Tails. Journal of Biological Chemistry, 2008, 283, 12112-12119.	3.4	8
29	Chondroitin Sulfate E Fragments Enhance CD44 Cleavage and CD44-Dependent Motility in Tumor Cells. Cancer Research, 2008, 68, 7191-7199.	0.9	80
30	An L-selectin ligand distinct from P-selectin glycoprotein ligand-1 is expressed on endothelial cells and promotes neutrophil rolling in inflammation. Blood, 2008, 112, 4915-4923.	1.4	26
31	P-selectin glycoprotein ligand-1 mediates L-selectin-independent leukocyte rolling in high endothelial venules of peripheral lymph nodes. International Immunology, 2007, 19, 321-329.	4.0	15
32	Tumor Cells Enhance Their Own CD44 Cleavage and Motility by Generating Hyaluronan Fragments. Journal of Biological Chemistry, 2006, 281, 5861-5868.	3.4	114
33	Nepmucin, a novel HEV sialomucin, mediates L-selectinâ€dependent lymphocyte rolling and promotes lymphocyte adhesion under flow. Journal of Experimental Medicine, 2006, 203, 1603-1614.	8.5	58
34	Endomucin, a sialomucin expressed in high endothelial venules, supports L-selectin-mediated rolling. International Immunology, 2004, 16, 1265-1274.	4.0	31
35	Human P-selectin Glycoprotein Ligand-1 (PSGL-1) Interacts with the Skin-associated Chemokine CCL27 via Sulfated Tyrosines at the PSGL-1 Amino Terminus. Journal of Biological Chemistry, 2004, 279, 51775-51782.	3.4	34
36	P-, E-, and L-Selectin Mediate Migration of Activated CD8+ T Lymphocytes into Inflamed Skin. Journal of Immunology, 2002, 169, 4307-4313.	0.8	64

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37	P-Selectin Glycoprotein Ligand 1 (Psgl-1) Is a Physiological Ligand for E-Selectin in Mediating T Helper 1 Lymphocyte Migration. Journal of Experimental Medicine, 2000, 192, 1669-1676.	8.5	143
38	Targeted Gene Disruption Demonstrates That P-Selectin Glycoprotein Ligand 1 (Psgl-1) Is Required for P-Selectinâ€“Mediated but Not E-Selectinâ€“Mediated Neutrophil Rolling and Migration. Journal of Experimental Medicine, 1999, 190, 1769-1782.	8.5	307
39	Identification of Domains Conferring Ligand Binding Specificity to the Prostanoid Receptor. Journal of Biological Chemistry, 1997, 272, 15154-15160.	3.4	45
40	Two thromboxane A2 receptor isoforms in human platelets. Opposite coupling to adenylyl cyclase with different sensitivity to Arg60 to Leu mutation.. Journal of Clinical Investigation, 1996, 97, 949-956.	8.2	264
41	Arg60 to Leu mutation of the human thromboxane A2 receptor in a dominantly inherited bleeding disorder.. Journal of Clinical Investigation, 1994, 94, 1662-1667.	8.2	168