

Takako Hirata

List of Publications by Year in descending order

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Version: 2024-02-01

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	Targeted Gene Disruption Demonstrates That P-Selectin Glycoprotein Ligand 1 (Psgl-1) Is Required for P-Selectin-Mediated but Not E-Selectin-Mediated Neutrophil Rolling and Migration. <i>Journal of Experimental Medicine</i> , 1999, 190, 1769-1782.	8.5	307
2	Two thromboxane A2 receptor isoforms in human platelets. Opposite coupling to adenylyl cyclase with different sensitivity to Arg60 to Leu mutation.. <i>Journal of Clinical Investigation</i> , 1996, 97, 949-956.	8.2	264
3	Arg60 to Leu mutation of the human thromboxane A2 receptor in a dominantly inherited bleeding disorder.. <i>Journal of Clinical Investigation</i> , 1994, 94, 1662-1667.	8.2	168
4	P-Selectin Glycoprotein Ligand 1 (Psgl-1) Is a Physiological Ligand for E-Selectin in Mediating T Helper 1 Lymphocyte Migration. <i>Journal of Experimental Medicine</i> , 2000, 192, 1669-1676.	8.5	143
5	Prostanoid Receptors. <i>Chemical Reviews</i> , 2011, 111, 6209-6230.	47.7	120
6	Tumor Cells Enhance Their Own CD44 Cleavage and Motility by Generating Hyaluronan Fragments. <i>Journal of Biological Chemistry</i> , 2006, 281, 5861-5868.	3.4	114
7	Prostaglandin E ₂ prostoglandin E receptor subtype 4 (EP4) signaling mediates UV irradiation-induced systemic immunosuppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6668-6673.	7.1	105
8	Prostaglandin E2 promotes Th1 differentiation via synergistic amplification of IL-12 signalling by cAMP and PI3-kinase. <i>Nature Communications</i> , 2013, 4, 1685.	12.8	99
9	Prostanoids as Regulators of Innate and Adaptive Immunity. <i>Advances in Immunology</i> , 2012, 116, 143-174.	2.2	92
10	Chondroitin Sulfate E Fragments Enhance CD44 Cleavage and CD44-Dependent Motility in Tumor Cells. <i>Cancer Research</i> , 2008, 68, 7191-7199.	0.9	80
11	Constitutive Expression of IDO by Dendritic Cells of Mesenteric Lymph Nodes: Functional Involvement of the CTLA-4/B7 and CCL22/CCR4 Interactions. <i>Journal of Immunology</i> , 2009, 183, 5608-5614.	0.8	67
12	A GPR40 Agonist GW9508 Suppresses CCL5, CCL17, and CXCL10 Induction in Keratinocytes and Attenuates Cutaneous Immune Inflammation. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1660-1667.	0.7	67
13	P-, E-, and L-Selectin Mediate Migration of Activated CD8+ T Lymphocytes into Inflamed Skin. <i>Journal of Immunology</i> , 2002, 169, 4307-4313.	0.8	64
14	Nepmucin, a novel HEV sialomucin, mediates L-selectin-dependent lymphocyte rolling and promotes lymphocyte adhesion under flow. <i>Journal of Experimental Medicine</i> , 2006, 203, 1603-1614.	8.5	58
15	Moesin-deficient mice reveal a non-redundant role for moesin in lymphocyte homeostasis. <i>International Immunology</i> , 2012, 24, 705-717.	4.0	55
16	CD4+CD25+ regulatory T cells in the small intestinal lamina propria show an effector/memory phenotype. <i>International Immunology</i> , 2008, 20, 307-315.	4.0	47
17	Identification of Domains Conferring Ligand Binding Specificity to the Prostanoid Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 15154-15160.	3.4	45
18	P-Selectin Glycoprotein Ligand-1 Negatively Regulates T-Cell Immune Responses. <i>Journal of Immunology</i> , 2009, 183, 7204-7211.	0.8	39

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19	Human P-selectin Glycoprotein Ligand-1 (PSGL-1) Interacts with the Skin-associated Chemokine CCL27 via Sulfated Tyrosines at the PSGL-1 Amino Terminus. <i>Journal of Biological Chemistry</i> , 2004, 279, 51775-51782.	3.4	34
20	CD43 Plays Both Antiadhesive and Proadhesive Roles in Neutrophil Rolling in a Context-Dependent Manner. <i>Journal of Immunology</i> , 2008, 181, 3628-3635.	0.8	33
21	Endomucin, a sialomucin expressed in high endothelial venules, supports L-selectin-mediated rolling. <i>International Immunology</i> , 2004, 16, 1265-1274.	4.0	31
22	CCL28-Deficient Mice Have Reduced IgA Antibody-Secreting Cells and an Altered Microbiota in the Colon. <i>Journal of Immunology</i> , 2018, 200, 800-809.	0.8	29
23	An L-selectin ligand distinct from P-selectin glycoprotein ligand-1 is expressed on endothelial cells and promotes neutrophil rolling in inflammation. <i>Blood</i> , 2008, 112, 4915-4923.	1.4	26
24	Nepmucin/CLM-9, an Ig domain-containing sialomucin in vascular endothelial cells, promotes lymphocyte transendothelial migration in vitro. <i>FEBS Letters</i> , 2008, 582, 3018-3024.	2.8	22
25	The ERM Protein Moesin Regulates CD8+ Regulatory T Cell Homeostasis and Self-Tolerance. <i>Journal of Immunology</i> , 2017, 199, 3418-3426.	0.8	22
26	Moesin Controls Clathrin-Mediated S1PR1 Internalization in T Cells. <i>PLoS ONE</i> , 2013, 8, e82590.	2.5	20
27	A novel Siglec-F+ neutrophil subset in the mouse nasal mucosa exhibits an activated phenotype and is increased in an allergic rhinitis model. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 599-606.	2.1	20
28	Impaired lymphocyte trafficking in mice deficient in the kinase activity of PKN1. <i>Scientific Reports</i> , 2017, 7, 7663.	3.3	18
29	Upregulated CCL28 expression in the nasal mucosa in experimental allergic rhinitis: Implication for CD4+ memory T cell recruitment. <i>Cellular Immunology</i> , 2016, 302, 58-62.	3.0	16
30	P-selectin glycoprotein ligand-1 mediates L-selectin-independent leukocyte rolling in high endothelial venules of peripheral lymph nodes. <i>International Immunology</i> , 2007, 19, 321-329.	4.0	15
31	Moesin regulates neutrophil rolling velocity in vivo. <i>Cellular Immunology</i> , 2016, 304-305, 59-62.	3.0	15
32	Alteration in endometrial helper T-cell subgroups in chronic endometritis. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13372.	1.2	15
33	Citrullinated fibrinogen is a target of auto-antibodies in interstitial lung disease in mice with collagen-induced arthritis. <i>International Immunology</i> , 2020, 32, 533-545.	4.0	12
34	mDia1/3-dependent actin polymerization spatiotemporally controls LAT phosphorylation by Zap70 at the immune synapse. <i>Science Advances</i> , 2020, 6, eaay2432.	10.3	9
35	Identification of Novel Isoforms of Mouse L-selectin with Different Carboxyl-terminal Tails. <i>Journal of Biological Chemistry</i> , 2008, 283, 12112-12119.	3.4	8
36	Glycosylation Status of CD43 Protein Is Associated with Resistance of Leukemia Cells to CTL-Mediated Cytolysis. <i>PLoS ONE</i> , 2016, 11, e0152326.	2.5	6

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37	A novel splice variant of human L-selectin encodes a soluble molecule that is elevated in serum of patients with rheumatic diseases. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 371-377.	2.1	5
38	Characterization of tumour-infiltrating lymphocytes in a tumour rejection cynomolgus macaque model. <i>Scientific Reports</i> , 2020, 10, 8414.	3.3	5
39	The ERM protein moesin regulates natural killer cell homeostasis in vivo. <i>Cellular Immunology</i> , 2022, 371, 104456.	3.0	5
40	Isolation of TCR genes with tumor-killing activity from tumor-infiltrating and circulating lymphocytes in a tumor rejection cynomolgus macaque model. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 77-86.	4.4	3
41	Blood Vascular Endothelial Adhesion Molecules. , 2016, , 512-519.		0