Tadayuki Yago

List of Publications by Year
in descending order

47 papers	4,422 citations	126907 33 h-index	254184 43 g-index
47 all docs	47 docs citations	47 times ranked	4546 citing authors

#	Article	IF	Citations
1	Th1 Cells Rolling on Selectins Trigger DAP12-Dependent Signals That Activate Integrin Î±LÎ²2. Journal of Immunology, 2020, 204, 37-48.	0.8	3
2	Epsin-mediated degradation of IP3R1 fuels atherosclerosis. Nature Communications, 2020, 11, 3984.	12.8	24
3	Neutrophils lacking ERM proteins polarize and crawl directionally but have decreased adhesion strength. Blood Advances, 2020, 4, 3559-3571.	5.2	6
4	Endothelial signaling by neutrophil-released oncostatin M enhances P-selectinâ€"dependent inflammation and thrombosis. Blood Advances, 2019, 3, 168-183.	5.2	36
5	Selectins and chemokines use shared and distinct signals to activate Î²2 integrins in neutrophils. Blood Advances, 2018, 2, 731-744.	5.2	40
6	Cooperative PSGL-1 and CXCR2 signaling in neutrophils promotes deep vein thrombosis in mice. Blood, 2018, 132, 1426-1437.	1.4	80
7	Site-1 protease deficiency causes human skeletal dysplasia due to defective inter-organelle protein trafficking. JCI Insight, 2018, 3, .	5.0	39
8	L-selectin mechanochemistry restricts neutrophil priming in vivo. Nature Communications, 2017, 8, 15196.	12.8	30
9	Sialylation on O-glycans protects platelets from clearance by liver Kupffer cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8360-8365.	7.1	94
10	O-glycans direct selectin ligands to lipid rafts on leukocytes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8661-8666.	7.1	53
11	Blocking neutrophil integrin activation prevents ischemiaâ€"reperfusion injury. Journal of Experimental Medicine, 2015, 212, 1267-1281.	8.5	78
12	Multi-Inhibitory Effects of A2A Adenosine Receptor Signaling on Neutrophil Adhesion Under Flow. Journal of Immunology, 2015, 195, 3880-3889.	0.8	36
13	Cytoskeletal Regulation of CD44 Membrane Organization and Interactions with E-selectin. Journal of Biological Chemistry, 2014, 289, 35159-35171.	3.4	37
14	Temporal and spatial regulation of epsin abundance and VEGFR3 signaling are required for lymphatic valve formation and function. Science Signaling, 2014, 7, ra97.	3.6	57
15	Transcriptional regulation of podoplanin expression by Prox1 in lymphatic endothelial cells. Microvascular Research, 2014, 94, 96-102.	2.5	52
16	Podoplanin requires sialylated O-glycans for stable expression on lymphatic endothelial cells and for interaction with platelets. Blood, 2014, 124, 3656-3665.	1.4	44
17	Podoplanin maintains high endothelial venule integrity by interacting with platelet CLEC-2. Nature, 2013, 502, 105-109.	27.8	275
18	Platelets lacking PIP5KIÎ³ have normal integrin activation but impaired cytoskeletal-membrane integrity and adhesion. Blood, 2013, 121, 2743-2752.	1.4	20

#	Article	IF	Citations
19	Elevated CXCL1 expression in gp130-deficient endothelial cells impairs neutrophil migration in mice. Blood, 2013, 122, 3832-3842.	1.4	31
20	Signal-dependent Slow Leukocyte Rolling Does Not Require Cytoskeletal Anchorage of P-selectin Glycoprotein Ligand-1 (PSGL-1) or Integrin Î±LÎ²2. Journal of Biological Chemistry, 2012, 287, 19585-19598.	3.4	30
21	Regulation of Catch Bonds by Rate of Force Application. Journal of Biological Chemistry, 2011, 286, 32749-32761.	3.4	46
22	Cytoplasmic Domain of P-selectin Glycoprotein Ligand-1 Facilitates Dimerization and Export from the Endoplasmic Reticulum. Journal of Biological Chemistry, 2011, 286, 9577-9586.	3.4	8
23	E-selectin engages PSGL-1 and CD44 through a common signaling pathway to induce integrin Î±LÎ²2-mediated slow leukocyte rolling. Blood, 2010, 116, 485-494.	1.4	179
24	Differential regulation of human and murine P-selectin expression and function in vivo. Journal of Experimental Medicine, 2010, 207, 2975-2987.	8.5	72
25	Core 1-derived O-glycans are essential E-selectin ligands on neutrophils. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9204-9209.	7.1	67
26	Mechanisms for Flow-Enhanced Cell Adhesion. Annals of Biomedical Engineering, 2008, 36, 604-621.	2.5	99
27	P-Selectin Glycoprotein Ligand-1 Is Highly Expressed on Ly-6C^{hi}Monocytes and a Major Determinant for Ly-6C^{hi}Monocyte Recruitment to Sites of Atherosclerosis in Mice. Circulation, 2008, 117, 3227-3237.	1.6	153
28	Replacing a Lectin Domain Residue in L-selectin Enhances Binding to P-selectin Glycoprotein Ligand-1 but Not to 6-Sulfo-sialyl Lewis x. Journal of Biological Chemistry, 2008, 283, 11493-11500.	3.4	49
29	Separable requirements for cytoplasmic domain of PSGL-1 in leukocyte rolling and signaling under flow. Blood, 2008, 112, 2035-2045.	1.4	94
30	Platelet glycoprotein IbÎ± forms catch bonds with human WT vWF but not with type 2B von Willebrand disease vWF. Journal of Clinical Investigation, 2008, 118, 3195-207.	8.2	257
31	Signaling through the PSGLâ€1 cytoplasmic domain to activate Î²2â€integrinâ€mediated slow rolling of neutrophils. FASEB Journal, 2008, 22, 1071.2.	0.5	0
32	The Slidingâ€“Rebinding Mechanism for Catch Bonds[*]. Japanese Journal of Applied Physics, 2007, 46, 5528.	1.5	0
33	Transport Governs Flow-Enhanced Cell Tethering through L-Selectin at Threshold Shear. Biophysical Journal, 2007, 92, 330-342.	0.5	68
34	Catch bond mechanism suggested by GPIb alphaâ€vWF tether bonds. FASEB Journal, 2007, 21, A18.	0.5	0
35	Glycoprotein IbÎ± Forms Catch Bonds with von Willebrand Factor A1 Domain but Not with Mutant A1 Domains Exhibiting Properties of Type 2B von Willebrand Disease.. Blood, 2007, 110, 293-293.	1.4	0
36	Characterization of a sialic acid- and P-selectin glycoprotein ligand-1-independent adhesin activity in the granulocytotropic bacterium Anaplasma phagocytophilum. Cellular Microbiology, 2006, 8, 1972-1984.	2.1	29

#	Article	IF	Citations
37	Flow-enhanced adhesion regulated by a selectin interdomain hinge. Journal of Cell Biology, 2006, 174, 1107-1117.	5.2	136
38	Dynamic alterations of membrane tethers stabilize leukocyte rolling on P-selectin. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13519-13524.	7.1	112
39	Catch bonds govern adhesion through L-selectin at threshold shear. Journal of Cell Biology, 2004, 166, 913-923.	5.2	202
40	Low Force Decelerates L-selectin Dissociation from P-selectin Glycoprotein Ligand-1 and Endoglycan. Journal of Biological Chemistry, 2004, 279, 2291-2298.	3.4	222
41	Quantifying the Effects of Molecular Orientation and Length on Two-dimensional Receptor-Ligand Binding Kinetics. Journal of Biological Chemistry, 2004, 279, 44915-44923.	3.4	98
42	Direct observation of catch bonds involving cell-adhesion molecules. Nature, 2003, 423, 190-193.	27.8	880
43	Structurally Distinct Requirements for Binding of P-selectin Glycoprotein Ligand-1 and Sialyl Lewis x to Anaplasma phagocytophilum and P-selectin. Journal of Biological Chemistry, 2003, 278, 37987-37997.	3.4	49
44	Model Glycosulfopeptides from P-selectin Glycoprotein Ligand-1 Require Tyrosine Sulfation and a Core 2-branched O-Glycan to Bind to L-selectin. Journal of Biological Chemistry, 2003, 278, 26391-26400.	3.4	91
45	Distinct molecular and cellular contributions to stabilizing selectin-mediated rolling under flow. Journal of Cell Biology, 2002, 158, 787-799.	5.2	141
46	P-selectin glycoprotein ligand-1â€“deficient mice have impaired leukocyte tethering to E-selectin under flow. Journal of Clinical Investigation, 2002, 109, 939-950.	8.2	193
47	P-selectin glycoprotein ligand-1â€“deficient mice have impaired leukocyte tethering to E-selectin under flow. Journal of Clinical Investigation, 2002, 109, 939-950.	8.2	112