Tanya N Mayadas

List of Publications by Year
in descending order

49 papers	5,237 citations	126907 33 h-index	214800 47 g-index
49 all docs	49 docs citations	49 times ranked	7291 citing authors

#	Article	IF	Citations
1	Monocytes transition to macrophages within the inflamed vasculature via monocyte CCR2 and endothelial TNFR2. Journal of Experimental Medicine, 2022, 219, .	8.5	25
2	DOCK4 Regulation of Rho GTPases Mediates Pulmonary Vascular Barrier Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, , 101161ATVBAHA122317565.	2.4	2
3	Inhibitory affinity modulation of FcÎ³RIIA ligand binding by glycosphingolipids by inside-out signaling. Cell Reports, 2021, 35, 109142.	6.4	4
4	FcÎ³R engagement reprograms neutrophils into antigen cross-presenting cells that elicit acquired anti-tumor immunity. Nature Communications, 2021, 12, 4791.	12.8	55
5	Protective heterologous TÂcell immunity in COVID-19 induced by the trivalent MMR and Tdap vaccine antigens. Med, 2021, 2, 1050-1071.e7.	4.4	33
6	Neutrophils in lupus nephritis. Current Opinion in Rheumatology, 2019, 31, 193-200.	4.3	38
7	Humanised effector-null FcÎ³RIIA antibody inhibits immune complex-mediated proinflammatory responses. Annals of the Rheumatic Diseases, 2019, 78, 228-237.	0.9	25
8	Macrophage extracellular trap formation promoted by platelet activation is a key mediator of rhabdomyolysis-induced acute kidney injury. Nature Medicine, 2018, 24, 232-238.	30.7	139
9	Cis interaction between sialylated FcÎ³RIIA and the Î±I-domain of Mac-1 limits antibody-mediated neutrophil recruitment. Nature Communications, 2018, 9, 5058.	12.8	43
10	Lupus and proliferative nephritis are PAD4 independent in murine models. JCI Insight, 2017, 2, .	5.0	81
11	Neutrophil FcÎ³RIIA promotes IgG-mediated glomerular neutrophil capture via Abl/Src kinases. Journal of Clinical Investigation, 2017, 127, 3810-3826.	8.2	48
12	The many faces of Macâ€1 in autoimmune disease. Immunological Reviews, 2016, 269, 175-193.	6.0	95
13	Lactoferrin Suppresses Neutrophil Extracellular Traps Release in Inflammation. EBioMedicine, 2016, 10, 204-215.	6.1	131
14	ICER is requisite for Th17 differentiation. Nature Communications, 2016, 7, 12993.	12.8	64
15	AKAP9, a Regulator of Microtubule Dynamics, Contributes to Blood-Testis Barrier Function. American Journal of Pathology, 2016, 186, 270-284.	3.8	20
16	PKC-Î´ activation in neutrophils promotes fungal clearance. Journal of Leukocyte Biology, 2016, 100, 581-588.	3.3	27
17	A Lupus-Associated Mac-1 Variant Has Defects in Integrin Allostery and Interaction with Ligands under Force. Cell Reports, 2015, 10, 1655-1664.	6.4	62
18	TNF receptors: signaling pathways and contribution to renal dysfunction. Kidney International, 2015, 87, 281-296.	5.2	153

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19	The Multifaceted Functions of Neutrophils. Annual Review of Pathology: Mechanisms of Disease, 2014, 9, 181-218.	22.4	958
20	Endothelial TNF Receptor 2 Induces IRF1 Transcription Factor-Dependent Interferon-Î² Autocrine Signaling to Promote Monocyte Recruitment. Immunity, 2013, 38, 1025-1037.	14.3	118
21	Human Lupus Serum Induces Neutrophil-Mediated Organ Damage in Mice That Is Enabled by Mac-1 Deficiency. Journal of Immunology, 2012, 189, 3714-3723.	0.8	57
22	Cutting Edge: Protein Phosphatase 2A Confers Susceptibility to Autoimmune Disease through an IL-17â€“Dependent Mechanism. Journal of Immunology, 2012, 188, 3567-3571.	0.8	51
23	Endocytosis of soluble immune complexes leads to their clearance by FcÎ³RIIIB but induces neutrophil extracellular traps via FcÎ³RIIA in vivo. Blood, 2012, 120, 4421-4431.	1.4	196
24	The Î²-Glucan Receptor Dectin-1 Activates the Integrin Mac-1 in Neutrophils via Vav Protein Signaling to Promote Candida albicans Clearance. Cell Host and Microbe, 2011, 10, 603-615.	11.0	133
25	AKAP9 regulation of microtubule dynamics promotes Epac1-induced endothelial barrier properties. Blood, 2011, 117, 708-718.	1.4	63
26	Regulation of human neutrophil FcÎ³ receptor IIa by C5a receptor promotes inflammatory arthritis in mice. Arthritis and Rheumatism, 2011, 63, 467-478.	6.7	68
27	Neutrophils: game changers in glomerulonephritis?. Trends in Molecular Medicine, 2010, 16, 368-378.	6.7	46
28	Mechanisms of Immune Complexâ€“Mediated Neutrophil Recruitment and Tissue Injury. Circulation, 2009, 120, 2012-2024.	1.6	171
29	Mac-1 (CD11b/CD18) Links Inflammation and Thrombosis After Glomerular Injury. Circulation, 2009, 120, 1255-1265.	1.6	77
30	Human Neutrophil FcÎ³ Receptors Initiate and Play Specialized Nonredundant Roles in Antibody-Mediated Inflammatory Diseases. Immunity, 2008, 28, 833-846.	14.3	155
31	Role of TNF priming and adhesion molecules in neutrophil recruitment to intravascular immune complexes. Journal of Leukocyte Biology, 2008, 83, 1423-1430.	3.3	33
32	Role of Epac1, an Exchange Factor for Rap GTPases, in Endothelial Microtubule Dynamics and Barrier Function. Molecular Biology of the Cell, 2008, 19, 1261-1270.	2.1	98
33	Requirement for Vav Proteins in Post-Recruitment Neutrophil Cytotoxicity in IgG but Not Complement C3-Dependent Injury. Journal of Immunology, 2008, 180, 6279-6287.	0.8	20
34	Neutrophil-selective CD18 silencing using RNA interference in vivo. Blood, 2008, 111, 3591-3598.	1.4	13
35	Primary roles for human neutrophil Fc receptors in the initiation of nephrotoxic glomerulonephritis. FASEB Journal, 2008, 22, 166.10.	0.5	0
36	FcÎ³Rs join in the cascade. Blood, 2007, 109, 3615-3616.	1.4	5

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37	Leukocyteâ€“Endothelial Cell Interactions. , 2007, , 576-586.		0
38	Mac-1 Signaling via Src-Family and Syk Kinases Results in Elastase-Dependent Thrombohemorrhagic Vasculopathy. Immunity, 2006, 25, 271-283.	14.3	111
39	Differential roles for Î²2 integrins in experimental autoimmune bullous pemphigoid. Blood, 2006, 107, 1063-1069.	1.4	33
40	Neutrophil Î²2 integrins: moderators of life or death decisions. Trends in Immunology, 2005, 26, 388-395.	6.8	242
41	Renal cellâ€“expressed TNF receptor 2, not receptor 1, is essential for the development of glomerulonephritis. Journal of Clinical Investigation, 2005, 115, 1199-1209.	8.2	90
42	Renal cellâ€“expressed TNF receptor 2, not receptor 1, is essential for the development of glomerulonephritis. Journal of Clinical Investigation, 2005, 115, 1199-1209.	8.2	70
43	C1q Governs Deposition of Circulating Immune Complexes and Leukocyte FcÎ³ Receptors Mediate Subsequent Neutrophil Recruitment. Journal of Experimental Medicine, 2004, 200, 835-846.	8.5	64
44	FcÎ³RIII Mediates Neutrophil Recruitment to Immune Complexes. Immunity, 2001, 14, 693-704.	14.3	193
45	Mac-1 (CD11b/CD18) is essential for Fc receptorâ€“mediated neutrophil cytotoxicity and immunologic synapse formation. Blood, 2001, 97, 2478-2486.	1.4	189
46	Glomerular inflammation: use of genetically deficient mice to elucidate the roles of leukocyte adhesion molecules and Fc-gamma receptors in vivo. Current Opinion in Nephrology and Hypertension, 1999, 8, 293-298.	2.0	17
47	P-selectin deficiency exacerbates experimental glomerulonephritis: a protective role for endothelial P-selectin in inflammation. Journal of Clinical Investigation, 1999, 103, 649-659.	8.2	113
48	A Role for Mac-1 (CDIIb/CD18) in Immune Complexâ€“stimulated Neutrophil Function In Vivo: Mac-1 Deficiency Abrogates Sustained FcÎ³ Receptorâ€“dependent Neutrophil Adhesion and Complement-dependent Proteinuria in Acute Glomerulonephritis. Journal of Experimental Medicine, 1997, 186, 1853-1863.	8.5	194
49	A Novel Role for the Î²2 Integrin CD11b/CD18 in Neutrophil Apoptosis: A Homeostatic Mechanism in Inflammation. Immunity, 1996, 5, 653-666.	14.3	614