Paul Kubes

List of Publications by Year
in descending order

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203 papers	33,353 citations	5558 82 h-index	4101 175 g-index
243 all docs	243 docs citations	243 times ranked	35062 citing authors

#	Article	IF	Citations
1	Neutrophil recruitment and function in health and inflammation. Nature Reviews Immunology, 2013, 13, 159-175.	10.6	3,964
2	Platelet TLR4 activates neutrophil extracellular traps to ensnare bacteria in septic blood. Nature Medicine, 2007, 13, 463-469.	15.2	1,928
3	Intravascular Danger Signals Guide Neutrophils to Sites of Sterile Inflammation. Science, 2010, 330, 362-366.	6.0	1,018
4	Neutrophil extracellular traps sequester circulating tumor cells and promote metastasis. Journal of Clinical Investigation, 2013, 123, 3446-3458.	3.9	997
5	A Novel Mechanism of Rapid Nuclear Neutrophil Extracellular Trap Formation in Response to Staphylococcus aureus. Journal of Immunology, 2010, 185, 7413-7425.	0.4	941
6	Infection-induced NETosis is a dynamic process involving neutrophil multitasking in vivo. Nature Medicine, 2012, 18, 1386-1393.	15.2	931
7	An emerging role for neutrophil extracellular traps in noninfectious disease. Nature Medicine, 2017, 23, 279-287.	15.2	868
8	Immune surveillance by the liver. Nature Immunology, 2013, 14, 996-1006.	7.0	815
9	The microcirculation and inflammation: modulation of leukocyte-endothelial cell adhesion. Journal of Leukocyte Biology, 1994, 55, 662-675.	1.5	725
10	Intravascular Neutrophil Extracellular Traps Capture Bacteria from the Bloodstream during Sepsis. Cell Host and Microbe, 2012, 12, 324-333.	5.1	631
11	The neutrophil in vascular inflammation. Nature Medicine, 2011, 17, 1381-1390.	15.2	607
12	The systemic immune response to trauma: an overview of pathophysiology and treatment. Lancet, The, 2014, 384, 1455-1465.	6.3	607
13	Intraluminal crawling of neutrophils to emigration sites: a molecularly distinct process from adhesion in the recruitment cascade. Journal of Experimental Medicine, 2006, 203, 2569-2575.	4.2	599
14	The Neutrophilâ€™s Role During Health and Disease. Physiological Reviews, 2019, 99, 1223-1248.	13.1	567
15	Sterile Inflammation in the Liver. Gastroenterology, 2012, 143, 1158-1172.	0.6	553
16	Immune Responses in the Liver. Annual Review of Immunology, 2018, 36, 247-277.	9.5	490
17	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. Nature Communications, 2015, 6, 6673.	5.8	453
18	An intracellular signaling hierarchy determines direction of migration in opposing chemotactic gradients. Journal of Cell Biology, 2002, 159, 91-102.	2.3	448

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19	A Reservoir of Mature Cavity Macrophages that Can Rapidly Invade Visceral Organs to Affect Tissue Repair. Cell, 2016, 165, 668-678.	13.5	432
20	DAMPs, PAMPs, and LAMPs in Immunity and Sterile Inflammation. Annual Review of Pathology: Mechanisms of Disease, 2020, 15, 493-518.	9.6	407
21	Neutrophils and NETs in modulating acute and chronic inflammation. Blood, 2019, 133, 2178-2185.	0.6	404
22	Neutrophils Recruited to Sites of Infection Protect from Virus Challenge by Releasing Neutrophil Extracellular Traps. Cell Host and Microbe, 2013, 13, 169-180.	5.1	381
23	Visualizing the function and fate of neutrophils in sterile injury and repair. Science, 2017, 358, 111-116.	6.0	372
24	Endothelium-derived Toll-like receptor-4 is the key molecule in LPS-induced neutrophil sequestration into lungs. Journal of Clinical Investigation, 2003, 111, 1011-1020.	3.9	369
25	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. Journal of Experimental Medicine, 2015, 212, 447-456.	4.2	367
26	Functional Innervation of Hepatic iNKT Cells Is Immunosuppressive Following Stroke. Science, 2011, 334, 101-105.	6.0	366
27	Neutrophils: New insights and open questions. Science Immunology, 2018, 3, .	5.6	348
28	A minimal role for selectins in the recruitment of leukocytes into the inflamed liver microvasculature.. Journal of Clinical Investigation, 1997, 99, 2782-2790.	3.9	337
29	Nucleation of platelets with blood-borne pathogens on Kupffer cells precedes other innate immunity and contributes to bacterial clearance. Nature Immunology, 2013, 14, 785-792.	7.0	315
30	Monocyte Conversion During Inflammation and Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 35-42.	1.1	295
31	An intravascular immune response to Borrelia burgdorferi involves Kupffer cells and iNKT cells. Nature Immunology, 2010, 11, 295-302.	7.0	290
32	Platelets: bridging hemostasis, inflammation, and immunity. International Journal of Laboratory Hematology, 2013, 35, 254-261.	0.7	283
33	Interaction of CD44 and hyaluronan is the dominant mechanism for neutrophil sequestration in inflamed liver sinusoids. Journal of Experimental Medicine, 2008, 205, 915-927.	4.2	274
34	Platelet GPIbÎ± is a mediator and potential interventional target for NASH and subsequent liver cancer. Nature Medicine, 2019, 25, 641-655.	15.2	259
35	Neutrophils Kill Antibody-Opsonized Cancer Cells by Trogoptosis. Cell Reports, 2018, 23, 3946-3959.e6.	2.9	245
36	The Physiology of Leukocyte Recruitment: An In Vivo Perspective. Journal of Immunology, 2008, 180, 6439-6446.	0.4	230

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37	PTEN functions to 'prioritize' chemotactic cues and prevent 'distraction' in migrating neutrophils. Nature Immunology, 2008, 9, 743-752.	7.0	229
38	Intravascular immunity: the hostâ€“pathogen encounter in blood vessels. Nature Reviews Immunology, 2009, 9, 364-375.	10.6	217
39	Platelets in inflammation and infection. Platelets, 2015, 26, 286-292.	1.1	217
40	More friend than foe: the emerging role of neutrophils in tissue repair. Journal of Clinical Investigation, 2019, 129, 2629-2639.	3.9	200
41	The Healing Power of Neutrophils. Trends in Immunology, 2019, 40, 635-647.	2.9	193
42	Neutrophil mobilization via plerixafor-mediated CXCR4 inhibition arises from lung demargination and blockade of neutrophil homing to the bone marrow. Journal of Experimental Medicine, 2013, 210, 2321-2336.	4.2	190
43	Nucleoside reverse transcriptase inhibitors possess intrinsic anti-inflammatory activity. Science, 2014, 346, 1000-1003.	6.0	189
44	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	5.0	189
45	Identification and treatment of the Staphylococcus aureus reservoir in vivo. Journal of Experimental Medicine, 2016, 213, 1141-1151.	4.2	178
46	Combination of Mass Cytometry and Imaging Analysis RevealsÂOrigin, Location, and Functional Repopulation ofÂLiverÂMyeloid Cells in Mice. Gastroenterology, 2016, 151, 1176-1191.	0.6	173
47	Platelets Contribute to the Pathogenesis of Experimental Autoimmune Encephalomyelitis. Circulation Research, 2012, 110, 1202-1210.	2.0	172
48	Splenic Ly6Ghigh mature and Ly6Gint immature neutrophils contribute to eradication of S. pneumoniae. Journal of Experimental Medicine, 2017, 214, 1333-1350.	4.2	170
49	Damage-Associated Molecular Patterns Control Neutrophil Recruitment. Journal of Innate Immunity, 2013, 5, 315-323.	1.8	169
50	A novel Î² ₁ â€dependent adhesion pathway on neutrophils: a mechanism invoked by dihydrocytochalasin B or endothelial transmigration. FASEB Journal, 1995, 9, 1103-1111.	0.2	165
51	Neutrophils and neutrophil extracellular traps in the liver and gastrointestinal system. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 206-221.	8.2	160
52	Antithrombin III Prevents and Rapidly Reverses Leukocyte Recruitment in Ischemia/Reperfusion. Circulation, 1997, 96, 2302-2310.	1.6	160
53	Patrolling Alveolar Macrophages Conceal Bacteria from the Immune System to Maintain Homeostasis. Cell, 2020, 183, 110-125.e11.	13.5	154
54	CRIg Functions as a Macrophage Pattern Recognition Receptor to Directly Bind and Capture Blood-Borne Gram-Positive Bacteria. Cell Host and Microbe, 2016, 20, 99-106.	5.1	153

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55	The lung is a host defense niche for immediate neutrophil-mediated vascular protection. Science Immunology, 2017, 2, .	5.6	153
56	PI3K accelerates, but is not required for, neutrophil chemotaxis to fMLP. Journal of Cell Science, 2008, 121, 205-214.	1.2	135
57	Mechanical Stretch Increases Expression of CXCL1 in Liver Sinusoidal Endothelial Cells to Recruit Neutrophils, Generate Sinusoidal Microthombi, and Promote Portal Hypertension. Gastroenterology, 2019, 157, 193-209.e9.	0.6	134
58	The alpha 4-integrin supports leukocyte rolling and adhesion in chronically inflamed postcapillary venules in vivo.. Journal of Experimental Medicine, 1996, 183, 1995-2006.	4.2	133
59	Neutrophil Extracellular Traps Confine Pseudomonas aeruginosa Ocular Biofilms and Restrict Brain Invasion. Cell Host and Microbe, 2019, 25, 526-536.e4.	5.1	129
60	Î±-Toxin Induces Platelet Aggregation and Liver Injury during Staphylococcus aureus Sepsis. Cell Host and Microbe, 2018, 24, 271-284.e3.	5.1	125
61	Neutrophil phenotypes and functions in cancer: A consensus statement. Journal of Experimental Medicine, 2022, 219, .	4.2	119
62	Neutrophils Can Adhere Via Î±4Î²1 -Integrin Under Flow Conditions. Blood, 1997, 89, 3837-3846.	0.6	118
63	Neutrophil heterogeneity: Bona fide subsets or polarization states?. Journal of Leukocyte Biology, 2018, 103, 829-838.	1.5	115
64	Vav1 Is Essential for Mechanotactic Crawling and Migration of Neutrophils out of the Inflamed Microvasculature. Journal of Immunology, 2009, 182, 6870-6878.	0.4	114
65	Neutrophils recruited through high endothelial venules of the lymph nodes via PNAd intercept disseminatingStaphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2449-2454.	3.3	111
66	Imaging the dynamic plateletâ€neutrophil response in sterile liver injury and repair in mice. Hepatology, 2015, 62, 1593-1605.	3.6	110
67	Gata6+ Pericardial Cavity Macrophages Relocate to the Injured Heart and Prevent Cardiac Fibrosis. Immunity, 2019, 51, 131-140.e5.	6.6	110
68	The Association between Î±4-Integrin, P-Selectin, and E-Selectin in an Allergic Model of Inflammation. Journal of Experimental Medicine, 1997, 185, 1077-1088.	4.2	104
69	Inducible nitric oxide synthase: a little bit of good in all of us. Gut, 2000, 47, 6-9.	6.1	104
70	Introduction: The complexities of leukocyte recruitment. Seminars in Immunology, 2002, 14, 65-72.	2.7	104
71	Leukocyte PI3KÎ³ and PI3KÎ´ have temporally distinct roles for leukocyte recruitment in vivo. Blood, 2007, 110, 1191-1198.	0.6	104
72	The enigmatic neutrophil: what we do not know. Cell and Tissue Research, 2018, 371, 399-406.	1.5	104

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73	Fundamentally different roles for LFA-1, Mac-1 and Î±4-integrin in neutrophil chemotaxis. Journal of Cell Science, 2005, 118, 5205-5220.	1.2	102
74	Neutrophilâ€activeâ€chemokines in in vivo imaging of neutrophil trafficking. European Journal of Immunology, 2012, 42, 278-283.	1.6	100
75	Desmopressin induces endothelial P-selectin expression and leukocyte rolling in postcapillary venules. Blood, 1995, 86, 2760-2766.	0.6	99
76	Start a fire, kill the bug: The role of platelets in inflammation and infection. Innate Immunity, 2018, 24, 335-348.	1.1	99
77	Visualization of Plasmodium falciparumâ€“Endothelium Interactions in Human Microvasculature. Journal of Experimental Medicine, 2000, 192, 1205-1212.	4.2	98
78	Innate Immune Cell Trafficking and Function During Sterile Inflammation of the Liver. Gastroenterology, 2016, 151, 1087-1095.	0.6	96
79	Endothelial Domes Encapsulate Adherent Neutrophils and Minimize Increases in Vascular Permeability in Paracellular and Transcellular Emigration. PLoS ONE, 2008, 3, e1649.	1.1	96
80	Molecular mechanisms of tumor necrosis factorÎ±â€“stimulated leukocyte recruitment into the murine hepatic circulation. Hepatology, 2000, 31, 1123-1127.	3.6	95
81	iNKT Cells Orchestrate a Switch from Inflammation to Resolution of Sterile Liver Injury. Immunity, 2017, 47, 752-765.e5.	6.6	94
82	Leukocyte Recruitment and the Acute Inflammatory Response. Brain Pathology, 2000, 10, 127-135.	2.1	89
83	Macrophage galactose lectin is critical for Kupffer cells to clear aged platelets. Journal of Experimental Medicine, 2020, 217, .	4.2	88
84	The Functional Paradox of CD43 in Leukocyte Recruitment: A Study Using CD43-deficient Mice. Journal of Experimental Medicine, 1998, 188, 2181-2186.	4.2	87
85	Leukotriene C₄/D₄Induces P-Selectin and Sialyl Lewis^xâ€“Dependent Alterations in Leukocyte Kinetics In Vivo. Circulation Research, 1995, 77, 879-887.	2.0	84
86	Platelets and infection. Seminars in Immunology, 2016, 28, 536-545.	2.7	83
87	The Use of Spinning-Disk Confocal Microscopy for the Intravital Analysis of Platelet Dynamics in Response to Systemic and Local Inflammation. PLoS ONE, 2011, 6, e25109.	1.1	81
88	Bispecific antibody targets multiple Pseudomonas aeruginosa evasion mechanisms in the lung vasculature. Journal of Clinical Investigation, 2017, 127, 2249-2261.	3.9	80
89	Human skin commensals augment Staphylococcus aureus pathogenesis. Nature Microbiology, 2018, 3, 881-890.	5.9	80
90	Dipeptidase-1 Is an Adhesion Receptor for Neutrophil Recruitment in Lungs and Liver. Cell, 2019, 178, 1205-1221.e17.	13.5	80

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91	Integration of metabolic and inflammatory mediator profiles as a potential prognostic approach for septic shock in the intensive care unit. Critical Care, 2015, 19, 11.	2.5	79
92	Pondering neutrophil extracellular traps with healthy skepticism. Cellular Microbiology, 2016, 18, 1349-1357.	1.1	77
93	Differential Leukocyte Recruitment From Whole Blood Via Endothelial Adhesion Molecules Under Shear Conditions. Blood, 1998, 92, 4691-4699.	0.6	76
94	Perivascular localization of macrophages in the intestinal mucosa is regulated by Nr4a1 and the microbiome. Nature Communications, 2020, 11, 1329.	5.8	75
95	Recent advances in understanding neutrophils. F1000Research, 2016, 5, 2912.	0.8	74
96	A molecular map of murine lymph node blood vascular endothelium at single cell resolution. Nature Communications, 2020, 11, 3798.	5.8	74
97	Exploring the complex role of chemokines and chemoattractants in vivo on leukocyte dynamics. Immunological Reviews, 2019, 289, 9-30.	2.8	70
98	Primordial GATA6 macrophages function as extravascular platelets in sterile injury. Science, 2021, 371, .	6.0	70
99	Potassium- and acetylcholine-induced vasorelaxation in mice lacking endothelial nitric oxide synthase. British Journal of Pharmacology, 2000, 129, 1194-1200.	2.7	69
100	Cellular and molecular choreography of neutrophil recruitment to sites of sterile inflammation. Journal of Molecular Medicine, 2011, 89, 1079-1088.	1.7	68
101	Neutrophils and Intravascular Immunity in the Liver during Infection and Sterile Inflammation. Toxicologic Pathology, 2012, 40, 157-165.	0.9	68
102	Strong adhesion by regulatory T cells induces dendritic cell cytoskeletal polarization and contact-dependent lethargy. Journal of Experimental Medicine, 2017, 214, 327-338.	4.2	68
103	Selective Down-Regulation of Neutrophil Mac-1 in Endotoxemic Hepatic Microcirculation via IL-10. Journal of Immunology, 2009, 183, 7557-7568.	0.4	65
104	Virus-Induced NETs â€“ Critical Component of Host Defense or Pathogenic Mediator?. PLoS Pathogens, 2015, 11, e1004546.	2.1	64
105	Peritoneal GATA6+ macrophages function as a portal for Staphylococcus aureus dissemination. Journal of Clinical Investigation, 2019, 129, 4643-4656.	3.9	60
106	Profound Differences in Leukocyte-Endothelial Cell Responses to Lipopolysaccharide Versus Lipoteichoic Acid. Journal of Immunology, 2002, 168, 4650-4658.	0.4	59
107	Sex-hormone-driven innate antibodies protect females and infants against EPEC infection. Nature Immunology, 2018, 19, 1100-1111.	7.0	58
108	iNKT Cell Emigration out of the Lung Vasculature Requires Neutrophils and Monocyte-Derived Dendritic Cells in Inflammation. Cell Reports, 2016, 16, 3260-3272.	2.9	57

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109	Kupffer cells and activation of endothelial TLR4 coordinate neutrophil adhesion within liver sinusoids during endotoxemia. American Journal of Physiology - Renal Physiology, 2013, 305, G797-G806.	1.6	55
110	Invariant natural killer T cells act as an extravascular cytotoxic barrier for joint-invading Lyme Borrelia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13936-13941.	3.3	54
111	Macrophages play an essential role in trauma-induced sterile inflammation and tissue repair. European Journal of Trauma and Emergency Surgery, 2018, 44, 335-349.	0.8	52
112	Neuronal nitric oxide synthase (NOS) regulates leukocyte-endothelial cell interactions in endothelial NOS deficient mice. British Journal of Pharmacology, 2001, 134, 305-312.	2.7	50
113	Thrombin and leukocyte recruitment in endotoxemia. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H1338-H1345.	1.5	47
114	Th1-Th2 Cross-Regulation Controls Early Leishmania Infection in the Skin by Modulating the Size of the Permissive Monocytic Host Cell Reservoir. Cell Host and Microbe, 2020, 27, 752-768.e7.	5.1	45
115	An Absolute Requirement for Pâ€Selectin in Ischemia/Reperfusionâ€Induced Leukocyte Recruitment in Cremaster Muscle. Microcirculation, 1998, 5, 281-287.	1.0	43
116	Acute skin exposure to ultraviolet light triggers neutrophil-mediated kidney inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	42
117	A novel beta 1-dependent adhesion pathway on neutrophils: a mechanism invoked by dihydrocytochalasin B or endothelial transmigration. FASEB Journal, 1995, 9, 1103-11.	0.2	40
118	The role of selectins and integrins in adenovirus vector-induced neutrophil recruitment to the liver. European Journal of Immunology, 2002, 32, 3443-3452.	1.6	36
119	Human fractalkine mediates leukocyte adhesion but not capture under physiological shear conditions; a mechanism for selective monocyte recruitment. European Journal of Immunology, 2003, 33, 729-739.	1.6	36
120	Lipopolysaccharide: A p38 MAPK-Dependent Disrupter of Neutrophil Chemotaxis. Microcirculation, 2005, 12, 421-432.	1.0	36
121	Mast cell-expressed complement receptor, not TLR2, is the main detector of zymosan in peritonitis. European Journal of Immunology, 2007, 37, 224-234.	1.6	36
122	GEF-H1 is necessary for neutrophil shear stressâ€“induced migration during inflammation. Journal of Cell Biology, 2016, 215, 107-119.	2.3	36
123	Neutrophils Recirculate through Lymph Nodes to Survey Tissues for Pathogens. Journal of Immunology, 2020, 204, 2552-2561.	0.4	36
124	Intestinal inflammation in adhesion molecule-deficient mice: an assessment of P-selectin alone and in combination with ICAM-1 or E-selectin. Journal of Leukocyte Biology, 1999, 66, 67-74.	1.5	35
125	Neutrophil Crawling in Capillaries; A Novel Immune Response to Staphylococcus aureus. PLoS Pathogens, 2014, 10, e1004379.	2.1	35
126	Targeting the AnxA1/Fpr2/ALX pathway regulates neutrophil function, promoting thromboinflammation resolution in sickle cell disease. Blood, 2021, 137, 1538-1549.	0.6	35

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127	Measurement of bacterial capture and phagosome maturation of Kupffer cells by intravital microscopy. Methods, 2017, 128, 12-19.	1.9	34
128	Postischemic inflammation: a role for mast cells in intestine but not in skeletal muscle. American Journal of Physiology - Renal Physiology, 1998, 275, G212-G218.	1.6	33
129	Molecular mechanisms of leukocyte recruitment in postischemic liver microcirculation. American Journal of Physiology - Renal Physiology, 2002, 283, G139-G147.	1.6	33
130	In Vivo Impairment of Neutrophil Recruitment during Lentivirus Infection. Journal of Immunology, 2003, 171, 4801-4808.	0.4	33
131	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration In Vivo through Interference with Glycosaminoglycan Interactions. Frontiers in Immunology, 2017, 8, 530.	2.2	33
132	Innate immune cells orchestrate the repair of sterile injury in the liver and beyond. European Journal of Immunology, 2019, 49, 831-841.	1.6	33
133	Importance of L-selectinâ€“dependent leukocyteâ€“leukocyte interactions in human whole blood. Blood, 2000, 95, 2954-2959.	0.6	33
134	Leukocyte Recruitment in the Microcirculation: the Rolling Paradigm Revisited. Physiology, 2001, 16, 76-80.	1.6	32
135	Inhaled NO impacts vascular but not extravascular compartments in postischemic peripheral organs. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H676-H682.	1.5	31
136	Innate immunity in the vasculature: interactions with pathogenic bacteria. Current Opinion in Microbiology, 2012, 15, 85-91.	2.3	31
137	Mitochondria in human neutrophils mediate killing of Staphylococcus aureus. Redox Biology, 2022, 49, 102225.	3.9	30
138	Staphylococcus aureus uses the ArlRS and MgrA cascade to regulate immune evasion during skin infection. Cell Reports, 2021, 36, 109462.	2.9	29
139	Interferonâ€Î³ limits Th1 lymphocyte adhesion to inflamed endothelium: A nitric oxide regulatory feedback mechanism. European Journal of Immunology, 2008, 38, 1368-1380.	1.6	28
140	Intraventricular Fibrinolysis with Tissue Plasminogen Activator is Associated with Transient Cerebrospinal Fluid Inflammation: A Randomized Controlled Trial. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1241-1248.	2.4	28
141	Prolonged Activation of Invariant Natural Killer T Cells and TH2-Skewed Immunity in Stroke Patients. Frontiers in Neurology, 2017, 8, 6.	1.1	28
142	A functionally distinct neutrophil landscape in severe COVID-19 reveals opportunities for adjunctive therapies. JCI Insight, 2022, 7, .	2.3	28
143	Leukocyte Cytoskeleton Polarization Is Initiated by Plasma Membrane Curvature from Cell Attachment. Developmental Cell, 2019, 49, 206-219.e7.	3.1	27
144	Local coordination verses systemic disregulation: complexities in leukocyte recruitment revealed by local and systemic activation of TLR4 in vivo. Journal of Leukocyte Biology, 2005, 77, 862-867.	1.5	26

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145	The role of shear forces in ischemia/reperfusion-induced neutrophil rolling and adhesion. Journal of Leukocyte Biology, 1997, 62, 458-464.	1.5	25
146	Endothelin-1 causes P-selectin-dependent leukocyte rolling and adhesion within rat mesenteric microvessels. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1823-H1830.	1.5	25
147	Delayed neutrophil recruitment allows nascent Staphylococcus aureus biofilm formation and immune evasion. Biomaterials, 2021, 275, 120775.	5.7	24
148	Intravital Imaging Ã¢â‚¬â€œ Dynamic Insights into Natural Killer T Cell Biology. Frontiers in Immunology, 2015, 6, 240.	2.2	22
149	Chemotaxing neutrophils enter alternate branches at capillary bifurcations. Nature Communications, 2020, 11, 2385.	5.8	22
150	Intraperitoneal microbial contamination drives post-surgical peritoneal adhesions by mesothelial EGFR-signaling. Nature Communications, 2021, 12, 7316.	5.8	22
151	E/P-selectin-deficient mice: an optimal mutation for abrogating antigen but not tumor necrosis factor-Î±-induced immune responses. European Journal of Immunology, 2000, 30, 2362-2371.	1.6	21
152	Neonates, antibiotics and the microbiome. Nature Medicine, 2014, 20, 469-470.	15.2	21
153	Therapeutic Intervention in Inflammatory Diseases: A Time and Place for Antiâ€Adhesion Therapy. Microcirculation, 2005, 12, 91-98.	1.0	20
154	Is There a Role for Cardiomyocyte Toll-Like Receptor 4 in Endotoxemia?. Trends in Cardiovascular Medicine, 2005, 15, 153-157.	2.3	19
155	Neuroimmune Responses Mediate Depression-Related Behaviors following Acute Colitis. IScience, 2019, 16, 12-21.	1.9	19
156	Rise and shine: Open your eyes to produce anti-inflammatory NETs. Journal of Leukocyte Biology, 2019, 105, 1083-1084.	1.5	19
157	Lymph Nodes: The Unrecognized Barrier against Pathogens. ACS Infectious Diseases, 2018, 4, 1158-1161.	1.8	18
158	Angiotensin II is involved in nitric oxide synthase and cyclo-oxygenase inhibition-induced leukocyte-endothelialcell interactions in vivo. British Journal of Pharmacology, 2001, 132, 677-684.	2.7	17
159	Therapeutic advantage of anti-VAP-1 over anti-Î±4 integrin antibody in concanavalin a-induced hepatitis. Hepatology, 2013, 58, 1413-1423.	3.6	17
160	Imaging natural killer T cells in action. Immunology and Cell Biology, 2013, 91, 304-310.	1.0	16
161	Preconditioning and adenosine in I/R-induced leukocyte-endothelial cell interactions. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H1230-H1238.	1.5	15
162	Assessment of the mechanism of juxtacrine activation and adhesion of leukocytes in liver microcirculation. American Journal of Physiology - Renal Physiology, 1999, 276, G828-G834.	1.6	15

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163	Allogeneic Bone Marrow Transplant from MRL/MpJ Super-Healer Mice Does Not Improve Articular Cartilage Repair in the C57Bl/6 Strain. PLoS ONE, 2015, 10, e0131661.	1.1	15
164	Development of a peptide-based delivery platform for targeting malignant brain tumors. Biomaterials, 2020, 252, 120105.	5.7	15
165	Interference with Glycosaminoglycan-Chemokine Interactions with a Probe to Alter Leukocyte Recruitment and Inflammation In Vivo. PLoS ONE, 2014, 9, e104107.	1.1	15
166	The versatile platelet contributes to inflammation, infection, hemostasis, coagulation and cancer. Seminars in Immunology, 2016, 28, 535.	2.7	14
167	Death to the neutrophil! A resolution for acute respiratory distress syndrome?. European Respiratory Journal, 2018, 52, 1801274.	3.1	13
168	Immunopathology of NSAID-Gastropathy: Inhibitory Effectsn of Interleukin-I and Cyclosporin A. Annals of the New York Academy of Sciences, 1992, 664, 400-407.	1.8	12
169	Liver-specific T regulatory type-1 cells program local neutrophils to suppress hepatic autoimmunity via CRAMP. Cell Reports, 2021, 34, 108919.	2.9	12
170	Differential Leukocyte Recruitment From Whole Blood Via Endothelial Adhesion Molecules Under Shear Conditions. Blood, 1998, 92, 4691-4699.	0.6	12
171	Tacrolimus Impairs Kupffer Cell Capacity to Control Bacteremia: Why Transplant Recipients Are Susceptible to Infection. Hepatology, 2021, 73, 1967-1984.	3.6	11
172	Endogenous but not exogenous nitric oxide decreases TNF-alpha-induced leukocyte rolling. American Journal of Physiology - Renal Physiology, 1997, 273, G628-G635.	1.6	10
173	Holey endothelium: Gateways for naÃ¯ve T cell activation. Hepatology, 2006, 44, 1083-1085.	3.6	10
174	Neutrophil Extracellular Traps Provide a Grip on the Enigmatic Pathogenesis of Acute Pancreatitis. Gastroenterology, 2015, 149, 1682-1685.	0.6	10
175	Unraveling the host's immune response to infection: Seeing is believing. Journal of Leukocyte Biology, 2019, 106, 323-335.	1.5	10
176	Imaging reveals novel innate immune responses in lung, liver, and beyond*. Immunological Reviews, 2021, , .	2.8	10
177	Neutrophils in homeostasis and tissue repair. International Immunology, 2022, 34, 399-407.	1.8	10
178	Pharmacokinetics and Pharmacodynamics of Tissue Plasminogen Activator Administered Through an External Ventricular Drain. Neurocritical Care, 2015, 23, 386-393.	1.2	9
179	Visualizing the Tumor Microenvironment of Liver Metastasis by Spinning Disk Confocal Microscopy. Methods in Molecular Biology, 2016, 1458, 203-215.	0.4	9
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