

Paul Kubes

List of Publications by Citations

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195
papers

23,630
citations

73
h-index

153
g-index

242
ext. papers

29,100
ext. citations

13.2
avg, IF

7.71
L-index

#	Paper	IF	Citations
195	Neutrophil recruitment and function in health and inflammation. <i>Nature Reviews Immunology</i> , 2013 , 13, 159-75	36.5	2840
194	Platelet TLR4 activates neutrophil extracellular traps to ensnare bacteria in septic blood. <i>Nature Medicine</i> , 2007 , 13, 463-9	50.5	1524
193	Intravascular danger signals guide neutrophils to sites of sterile inflammation. <i>Science</i> , 2010 , 330, 362-6	33.3	841
192	Neutrophil extracellular traps sequester circulating tumor cells and promote metastasis. <i>Journal of Clinical Investigation</i> , 2013 ,	15.9	709
191	A novel mechanism of rapid nuclear neutrophil extracellular trap formation in response to <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2010 , 185, 7413-25	5.3	668
190	Infection-induced NETosis is a dynamic process involving neutrophil multitasking in vivo. <i>Nature Medicine</i> , 2012 , 18, 1386-93	50.5	665
189	Immune surveillance by the liver. <i>Nature Immunology</i> , 2013 , 14, 996-1006	19.1	594
188	The microcirculation and inflammation: modulation of leukocyte-endothelial cell adhesion. <i>Journal of Leukocyte Biology</i> , 1994 , 55, 662-675	6.5	586
187	An emerging role for neutrophil extracellular traps in noninfectious disease. <i>Nature Medicine</i> , 2017 , 23, 279-287	50.5	535
186	Intraluminal crawling of neutrophils to emigration sites: a molecularly distinct process from adhesion in the recruitment cascade. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2569-75	16.6	512
185	Intravascular neutrophil extracellular traps capture bacteria from the bloodstream during sepsis. <i>Cell Host and Microbe</i> , 2012 , 12, 324-33	23.4	487
184	The neutrophil in vascular inflammation. <i>Nature Medicine</i> , 2011 , 17, 1381-90	50.5	484
183	Sterile inflammation in the liver. <i>Gastroenterology</i> , 2012 , 143, 1158-1172	13.3	444
182	The systemic immune response to trauma: an overview of pathophysiology and treatment. <i>Lancet, The</i> , 2014 , 384, 1455-65	40	393
181	An intracellular signaling hierarchy determines direction of migration in opposing chemotactic gradients. <i>Journal of Cell Biology</i> , 2002 , 159, 91-102	7.3	387
180	Endothelium-derived Toll-like receptor-4 is the key molecule in LPS-induced neutrophil sequestration into lungs. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1011-20	15.9	310
179	A minimal role for selectins in the recruitment of leukocytes into the inflamed liver microvasculature. <i>Journal of Clinical Investigation</i> , 1997 , 99, 2782-90	15.9	303

178	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. <i>Nature Communications</i> , 2015 , 6, 6673	17.4	302
177	Functional innervation of hepatic iNKT cells is immunosuppressive following stroke. <i>Science</i> , 2011 , 334, 101-5	33.3	290
176	A Reservoir of Mature Cavity Macrophages that Can Rapidly Invade Visceral Organs to Affect Tissue Repair. <i>Cell</i> , 2016 , 165, 668-78	56.2	290
175	Neutrophils recruited to sites of infection protect from virus challenge by releasing neutrophil extracellular traps. <i>Cell Host and Microbe</i> , 2013 , 13, 169-80	23.4	272
174	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. <i>Journal of Experimental Medicine</i> , 2015 , 212, 447-56	16.6	268
173	Immune Responses in the Liver. <i>Annual Review of Immunology</i> , 2018 , 36, 247-277	34.7	257
172	An intravascular immune response to <i>Borrelia burgdorferi</i> involves Kupffer cells and iNKT cells. <i>Nature Immunology</i> , 2010 , 11, 295-302	19.1	245
171	Interaction of CD44 and hyaluronan is the dominant mechanism for neutrophil sequestration in inflamed liver sinusoids. <i>Journal of Experimental Medicine</i> , 2008 , 205, 915-27	16.6	245
170	Nucleation of platelets with blood-borne pathogens on Kupffer cells precedes other innate immunity and contributes to bacterial clearance. <i>Nature Immunology</i> , 2013 , 14, 785-92	19.1	244
169	Visualizing the function and fate of neutrophils in sterile injury and repair. <i>Science</i> , 2017 , 358, 111-116	33.3	234
168	Platelets: bridging hemostasis, inflammation, and immunity. <i>International Journal of Laboratory Hematology</i> , 2013 , 35, 254-61	2.5	225
167	The Neutrophil's Role During Health and Disease. <i>Physiological Reviews</i> , 2019 , 99, 1223-1248	47.9	223
166	PTEN functions to prioritize chemotactic cues and prevent distraction in migrating neutrophils. <i>Nature Immunology</i> , 2008 , 9, 743-52	19.1	204
165	The physiology of leukocyte recruitment: an in vivo perspective. <i>Journal of Immunology</i> , 2008 , 180, 6439-46	34.6	191
164	Neutrophils and NETs in modulating acute and chronic inflammation. <i>Blood</i> , 2019 , 133, 2178-2185	2.2	183
163	Neutrophils: New insights and open questions. <i>Science Immunology</i> , 2018 , 3,	28	180
162	Intravascular immunity: the host-pathogen encounter in blood vessels. <i>Nature Reviews Immunology</i> , 2009 , 9, 364-75	36.5	179
161	DAMPs, PAMPs, and LAMPs in Immunity and Sterile Inflammation. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2020 , 15, 493-518	34	170

160	Platelets in inflammation and infection. <i>Platelets</i> , 2015 , 26, 286-92	3.6	162
159	Monocyte Conversion During Inflammation and Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 35-42	9.4	155
158	A novel β_2 -dependent adhesion pathway on neutrophils: a mechanism invoked by dihydrocytochalasin B or endothelial transmigration. <i>FASEB Journal</i> , 1995 , 9, 1103-1111	0.9	151
157	Nucleoside reverse transcriptase inhibitors possess intrinsic anti-inflammatory activity. <i>Science</i> , 2014 , 346, 1000-3	33.3	150
156	Neutrophil mobilization via plerixafor-mediated CXCR4 inhibition arises from lung demargination and blockade of neutrophil homing to the bone marrow. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2321-36	16.6	148
155	Platelets contribute to the pathogenesis of experimental autoimmune encephalomyelitis. <i>Circulation Research</i> , 2012 , 110, 1202-10	15.7	138
154	Antithrombin III prevents and rapidly reverses leukocyte recruitment in ischemia/reperfusion. <i>Circulation</i> , 1997 , 96, 2302-10	16.7	130
153	Neutrophils Kill Antibody-Opsonized Cancer Cells by Trogoptosis. <i>Cell Reports</i> , 2018 , 23, 3946-3959.e6	10.6	128
152	Combination of Mass Cytometry and Imaging Analysis Reveals Origin, Location, and Functional Repopulation of Liver Myeloid Cells in Mice. <i>Gastroenterology</i> , 2016 , 151, 1176-1191	13.3	124
151	The alpha 4-integrin supports leukocyte rolling and adhesion in chronically inflamed postcapillary venules in vivo. <i>Journal of Experimental Medicine</i> , 1996 , 183, 1995-2006	16.6	124
150	Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019 , 25, 641-655	50.5	123
149	Damage-associated molecular patterns control neutrophil recruitment. <i>Journal of Innate Immunity</i> , 2013 , 5, 315-23	6.9	120
148	Neutrophils Can Adhere Via β_2 -Integrin Under Flow Conditions. <i>Blood</i> , 1997 , 89, 3837-3846	2.2	117
147	Identification and treatment of the Staphylococcus aureus reservoir in vivo. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1141-51	16.6	115
146	PI3K accelerates, but is not required for, neutrophil chemotaxis to fMLP. <i>Journal of Cell Science</i> , 2008 , 121, 205-14	5.3	114
145	Splenic Ly6G mature and Ly6G immature neutrophils contribute to eradication of. <i>Journal of Experimental Medicine</i> , 2017 , 214, 1333-1350	16.6	110
144	CR1 Functions as a Macrophage Pattern Recognition Receptor to Directly Bind and Capture Blood-Borne Gram-Positive Bacteria. <i>Cell Host and Microbe</i> , 2016 , 20, 99-106	23.4	104
143	Vav1 is essential for mechanotactic crawling and migration of neutrophils out of the inflamed microvasculature. <i>Journal of Immunology</i> , 2009 , 182, 6870-8	5.3	102

142	Leukocyte PI3Kgamma and PI3Kdelta have temporally distinct roles for leukocyte recruitment in vivo. <i>Blood</i> , 2007 , 110, 1191-8	2.2	98
141	The Lung is a Host Defense Niche for Immediate Neutrophil-Mediated Vascular Protection. <i>Science Immunology</i> , 2017 , 2,	28	96
140	The association between alpha4-integrin, P-selectin, and E-selectin in an allergic model of inflammation. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1077-87	16.6	95
139	The complexities of leukocyte recruitment. <i>Seminars in Immunology</i> , 2002 , 14, 65-72	10.7	92
138	Fundamentally different roles for LFA-1, Mac-1 and alpha4-integrin in neutrophil chemotaxis. <i>Journal of Cell Science</i> , 2005 , 118, 5205-20	5.3	90
137	Molecular mechanisms of tumor necrosis factor alpha-stimulated leukocyte recruitment into the murine hepatic circulation. <i>Hepatology</i> , 2000 , 31, 1123-7	11.2	90
136	Visualization of Plasmodium falciparum-endothelium interactions in human microvasculature: mimicry of leukocyte recruitment. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1205-11	16.6	90
135	Neutrophils and neutrophil extracellular traps in the liver and gastrointestinal system. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018 , 15, 206-221	24.2	89
134	More friend than foe: the emerging role of neutrophils in tissue repair. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2629-2639	15.9	88
133	Inducible nitric oxide synthase: a little bit of good in all of us. <i>Gut</i> , 2000 , 47, 6-9	19.2	87
132	Imaging the dynamic platelet-neutrophil response in sterile liver injury and repair in mice. <i>Hepatology</i> , 2015 , 62, 1593-605	11.2	85
131	Endothelial domes encapsulate adherent neutrophils and minimize increases in vascular permeability in paracellular and transcellular emigration. <i>PLoS ONE</i> , 2008 , 3, e1649	3.7	85
130	Desmopressin induces endothelial P-selectin expression and leukocyte rolling in postcapillary venules. <i>Blood</i> , 1995 , 86, 2760-2766	2.2	84
129	The functional paradox of CD43 in leukocyte recruitment: a study using CD43-deficient mice. <i>Journal of Experimental Medicine</i> , 1998 , 188, 2181-6	16.6	82
128	Neutrophil-active chemokines in in vivo imaging of neutrophil trafficking. <i>European Journal of Immunology</i> , 2012 , 42, 278-83	6.1	81
127	Leukocyte recruitment and the acute inflammatory response. <i>Brain Pathology</i> , 2000 , 10, 127-35	6	81
126	The Healing Power of Neutrophils. <i>Trends in Immunology</i> , 2019 , 40, 635-647	14.4	77
125	The use of spinning-disk confocal microscopy for the intravital analysis of platelet dynamics in response to systemic and local inflammation. <i>PLoS ONE</i> , 2011 , 6, e25109	3.7	75

124	Differential Leukocyte Recruitment From Whole Blood Via Endothelial Adhesion Molecules Under Shear Conditions. <i>Blood</i> , 1998 , 92, 4691-4699	2.2	75
123	Neutrophil Extracellular Traps Confine <i>Pseudomonas aeruginosa</i> Ocular Biofilms and Restrict Brain Invasion. <i>Cell Host and Microbe</i> , 2019 , 25, 526-536.e4	23.4	74
122	Mechanical Stretch Increases Expression of CXCL1 in Liver Sinusoidal Endothelial Cells to Recruit Neutrophils, Generate Sinusoidal Microthrombi, and Promote Portal Hypertension. <i>Gastroenterology</i> , 2019 , 157, 193-209.e9	13.3	73
121	Leukotriene C4/D4 induces P-selectin and sialyl Lewis(x)-dependent alterations in leukocyte kinetics in vivo. <i>Circulation Research</i> , 1995 , 77, 879-87	15.7	73
120	Endotoxin Induces Platelet Aggregation and Liver Injury during <i>Staphylococcus aureus</i> Sepsis. <i>Cell Host and Microbe</i> , 2018 , 24, 271-284.e3	23.4	68
119	Integration of metabolic and inflammatory mediator profiles as a potential prognostic approach for septic shock in the intensive care unit. <i>Critical Care</i> , 2015 , 19, 11	10.8	66
118	Neutrophil heterogeneity: Bona fide subsets or polarization states?. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 829-838	6.5	66
117	Innate Immune Cell Trafficking and Function During Sterile Inflammation of the Liver. <i>Gastroenterology</i> , 2016 , 151, 1087-1095	13.3	64
116	Potassium- and acetylcholine-induced vasorelaxation in mice lacking endothelial nitric oxide synthase. <i>British Journal of Pharmacology</i> , 2000 , 129, 1194-200	8.6	62
115	Start a fire, kill the bug: The role of platelets in inflammation and infection. <i>Innate Immunity</i> , 2018 , 24, 335-348	2.7	61
114	Gata6 Pericardial Cavity Macrophages Relocate to the Injured Heart and Prevent Cardiac Fibrosis. <i>Immunity</i> , 2019 , 51, 131-140.e5	32.3	61
113	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021 , 28, 3125-3139	32.3	61
112	Neutrophils and intravascular immunity in the liver during infection and sterile inflammation. <i>Toxicologic Pathology</i> , 2012 , 40, 157-65	2.1	60
111	iNKT Cells Orchestrate a Switch from Inflammation to Resolution of Sterile Liver Injury. <i>Immunity</i> , 2017 , 47, 752-765.e5	32.3	59
110	Cellular and molecular choreography of neutrophil recruitment to sites of sterile inflammation. <i>Journal of Molecular Medicine</i> , 2011 , 89, 1079-88	5.5	59
109	The enigmatic neutrophil: what we do not know. <i>Cell and Tissue Research</i> , 2018 , 371, 399-406	4.2	57
108	Selective down-regulation of neutrophil Mac-1 in endotoxemic hepatic microcirculation via IL-10. <i>Journal of Immunology</i> , 2009 , 183, 7557-68	5.3	57
107	Profound differences in leukocyte-endothelial cell responses to lipopolysaccharide versus lipoteichoic acid. <i>Journal of Immunology</i> , 2002 , 168, 4650-8	5.3	56

106	Bispecific antibody targets multiple <i>Pseudomonas aeruginosa</i> evasion mechanisms in the lung vasculature. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2249-2261	15.9	53
105	Neutrophils recruited through high endothelial venules of the lymph nodes via PNAd intercept disseminating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2449-2454	11.5	53
104	Platelets and infection. <i>Seminars in Immunology</i> , 2016 , 28, 536-545	10.7	53
103	Recent advances in understanding neutrophils. <i>F1000Research</i> , 2016 , 5, 2912	3.6	52
102	Patrolling Alveolar Macrophages Conceal Bacteria from the Immune System to Maintain Homeostasis. <i>Cell</i> , 2020 , 183, 110-125.e11	56.2	51
101	Pondering neutrophil extracellular traps with healthy skepticism. <i>Cellular Microbiology</i> , 2016 , 18, 1349-53	9	50
100	Invariant natural killer T cells act as an extravascular cytotoxic barrier for joint-invading Lyme Borrelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13936-41	11.5	48
99	Human skin commensals augment <i>Staphylococcus aureus</i> pathogenesis. <i>Nature Microbiology</i> , 2018 , 3, 881-890	26.6	45
98	Neuronal nitric oxide synthase (NOS) regulates leukocyte-endothelial cell interactions in endothelial NOS deficient mice. <i>British Journal of Pharmacology</i> , 2001 , 134, 305-12	8.6	45
97	Thrombin and leukocyte recruitment in endotoxemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H1338-45	5.2	45
96	Virus-induced NETs--critical component of host defense or pathogenic mediator?. <i>PLoS Pathogens</i> , 2015 , 11, e1004546	7.6	44
95	Kupffer cells and activation of endothelial TLR4 coordinate neutrophil adhesion within liver sinusoids during endotoxemia. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, G797-806	5.1	42
94	Macrophage galactose lectin is critical for Kupffer cells to clear aged platelets. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	42
93	iNKT Cell Emigration out of the Lung Vasculature Requires Neutrophils and Monocyte-Derived Dendritic Cells in Inflammation. <i>Cell Reports</i> , 2016 , 16, 3260-3272	10.6	42
92	Strong adhesion by regulatory T cells induces dendritic cell cytoskeletal polarization and contact-dependent lethargy. <i>Journal of Experimental Medicine</i> , 2017 , 214, 327-338	16.6	39
91	Exploring the complex role of chemokines and chemoattractants in vivo on leukocyte dynamics. <i>Immunological Reviews</i> , 2019 , 289, 9-30	11.3	39
90	An Absolute Requirement for P-Selectin in Ischemia/Reperfusion-Induced Leukocyte Recruitment in Cremaster Muscle. <i>Microcirculation</i> , 1998 , 5, 281-287	2.9	39
89	Dipeptidase-1 Is an Adhesion Receptor for Neutrophil Recruitment in Lungs and Liver. <i>Cell</i> , 2019 , 178, 1205-1221.e17	56.2	38

88	Peritoneal GATA6+ macrophages function as a portal for Staphylococcus aureus dissemination. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4643-4656	15.9	37
87	Sex-hormone-driven innate antibodies protect females and infants against EPEC infection. <i>Nature Immunology</i> , 2018 , 19, 1100-1111	19.1	37
86	Macrophages play an essential role in trauma-induced sterile inflammation and tissue repair. <i>European Journal of Trauma and Emergency Surgery</i> , 2018 , 44, 335-349	2.3	36
85	Mast cell-expressed complement receptor, not TLR2, is the main detector of zymosan in peritonitis. <i>European Journal of Immunology</i> , 2007 , 37, 224-34	6.1	36
84	Human fractalkine mediates leukocyte adhesion but not capture under physiological shear conditions; a mechanism for selective monocyte recruitment. <i>European Journal of Immunology</i> , 2003 , 33, 729-39	6.1	35
83	The role of selectins and integrins in adenovirus vector-induced neutrophil recruitment to the liver. <i>European Journal of Immunology</i> , 2002 , 32, 3443-52	6.1	34
82	Lipopolysaccharide: a p38 MAPK-dependent disrupter of neutrophil chemotaxis. <i>Microcirculation</i> , 2005 , 12, 421-32	2.9	33
81	GEF-H1 is necessary for neutrophil shear stress-induced migration during inflammation. <i>Journal of Cell Biology</i> , 2016 , 215, 107-119	7.3	32
80	Intestinal inflammation in adhesion molecule-deficient mice: an assessment of P-selectin alone and in combination with ICAM-1 or E-selectin. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 67-74	6.5	32
79	A novel beta 1-dependent adhesion pathway on neutrophils: a mechanism invoked by dihydrocytochalasin B or endothelial transmigration. <i>FASEB Journal</i> , 1995 , 9, 1103-11	0.9	32
78	Neutrophil crawling in capillaries; a novel immune response to Staphylococcus aureus. <i>PLoS Pathogens</i> , 2014 , 10, e1004379	7.6	30
77	In vivo impairment of neutrophil recruitment during lentivirus infection. <i>Journal of Immunology</i> , 2003 , 171, 4801-8	5.3	30
76	Molecular mechanisms of leukocyte recruitment in postischemic liver microcirculation. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 283, G139-47	5.1	29
75	Innate immunity in the vasculature: interactions with pathogenic bacteria. <i>Current Opinion in Microbiology</i> , 2012 , 15, 85-91	7.9	28
74	A molecular map of murine lymph node blood vascular endothelium at single cell resolution. <i>Nature Communications</i> , 2020 , 11, 3798	17.4	28
73	Interferon-gamma limits Th1 lymphocyte adhesion to inflamed endothelium: a nitric oxide regulatory feedback mechanism. <i>European Journal of Immunology</i> , 2008 , 38, 1368-80	6.1	26
72	Local coordination verses systemic dysregulation: complexities in leukocyte recruitment revealed by local and systemic activation of TLR4 in vivo. <i>Journal of Leukocyte Biology</i> , 2005 , 77, 862-7	6.5	26
71	Importance of L-selectin-independent leukocyte-leukocyte interactions in human whole blood. <i>Blood</i> , 2000 , 95, 2954-2959	2.2	26

70	Perivascular localization of macrophages in the intestinal mucosa is regulated by Nr4a1 and the microbiome. <i>Nature Communications</i> , 2020 , 11, 1329	17.4	25
69	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration through Interference with Glycosaminoglycan Interactions. <i>Frontiers in Immunology</i> , 2017 , 8, 530	8.4	24
68	Inhaled NO impacts vascular but not extravascular compartments in postischemic peripheral organs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 277, H676-82	5.2	24
67	Primordial GATA6 macrophages function as extravascular platelets in sterile injury. <i>Science</i> , 2021 , 371,	33.3	24
66	Th1-Th2 Cross-Regulation Controls Early Leishmania Infection in the Skin by Modulating the Size of the Permissive Monocytic Host Cell Reservoir. <i>Cell Host and Microbe</i> , 2020 , 27, 752-768.e7	23.4	24
65	Measurement of bacterial capture and phagosome maturation of Kupffer cells by intravital microscopy. <i>Methods</i> , 2017 , 128, 12-19	4.6	22
64	Intraventricular fibrinolysis with tissue plasminogen activator is associated with transient cerebrospinal fluid inflammation: a randomized controlled trial. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1241-8	7.3	22
63	E/P-selectin-deficient mice: an optimal mutation for abrogating antigen but not tumor necrosis factor-alpha-induced immune responses. <i>European Journal of Immunology</i> , 2000 , 30, 2362-71	6.1	21
62	Postischemic inflammation: a role for mast cells in intestine but not in skeletal muscle. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 275, G212-8	5.1	21
61	The role of shear forces in ischemia/reperfusion-induced neutrophil rolling and adhesion. <i>Journal of Leukocyte Biology</i> , 1997 , 62, 458-64	6.5	20
60	Prolonged Activation of Invariant Natural Killer T Cells and T2-Skewed Immunity in Stroke Patients. <i>Frontiers in Neurology</i> , 2017 , 8, 6	4.1	19
59	Leukocyte Cytoskeleton Polarization Is Initiated by Plasma Membrane Curvature from Cell Attachment. <i>Developmental Cell</i> , 2019 , 49, 206-219.e7	10.2	18
58	Innate immune cells orchestrate the repair of sterile injury in the liver and beyond. <i>European Journal of Immunology</i> , 2019 , 49, 831-841	6.1	17
57	Endothelin-1 causes P-selectin-dependent leukocyte rolling and adhesion within rat mesenteric microvessels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 277, H1823-30	5.2	17
56	Therapeutic advantage of anti-VAP-1 over anti- α 4 integrin antibody in concanavalin a-induced hepatitis. <i>Hepatology</i> , 2013 , 58, 1413-23	11.2	16
55	Therapeutic intervention in inflammatory diseases: a time and place for anti-adhesion therapy. <i>Microcirculation</i> , 2005 , 12, 91-8	2.9	16
54	Leukocyte recruitment in the microcirculation: the rolling paradigm revisited. <i>Physiology</i> , 2001 , 16, 76-80.8		16
53	Neutrophils Recirculate through Lymph Nodes to Survey Tissues for Pathogens. <i>Journal of Immunology</i> , 2020 , 204, 2552-2561	5.3	15

52	Neonates, antibiotics and the microbiome. <i>Nature Medicine</i> , 2014 , 20, 469-70	50.5	15
51	Intravital imaging - dynamic insights into natural killer T cell biology. <i>Frontiers in Immunology</i> , 2015 , 6, 240	8.4	15
50	Is there a role for cardiomyocyte toll-like receptor 4 in endotoxemia?. <i>Trends in Cardiovascular Medicine</i> , 2005 , 15, 153-7	6.9	15
49	Angiotensin II is involved in nitric oxide synthase and cyclo-oxygenase inhibition-induced leukocyte-endothelial cell interactions in vivo. <i>British Journal of Pharmacology</i> , 2001 , 132, 677-84	8.6	15
48	Imaging natural killer T cells in action. <i>Immunology and Cell Biology</i> , 2013 , 91, 304-10	5	14
47	Allogeneic Bone Marrow Transplant from MRL/MpJ Super-Healer Mice Does Not Improve Articular Cartilage Repair in the C57Bl/6 Strain. <i>PLoS ONE</i> , 2015 , 10, e0131661	3.7	13
46	Differential Leukocyte Recruitment From Whole Blood Via Endothelial Adhesion Molecules Under Shear Conditions. <i>Blood</i> , 1998 , 92, 4691-4699	2.2	12
45	Acute skin exposure to ultraviolet light triggers neutrophil-mediated kidney inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	12
44	Neuroimmune Responses Mediate Depression-Related Behaviors following Acute Colitis. <i>IScience</i> , 2019 , 16, 12-21	6.1	11
43	Chemotaxing neutrophils enter alternate branches at capillary bifurcations. <i>Nature Communications</i> , 2020 , 11, 2385	17.4	11
42	Assessment of the mechanism of juxtacrine activation and adhesion of leukocytes in liver microcirculation. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 276, G828-34	5.1	11
41	Interference with glycosaminoglycan-chemokine interactions with a probe to alter leukocyte recruitment and inflammation in vivo. <i>PLoS ONE</i> , 2014 , 9, e104107	3.7	11
40	Targeting the AnxA1/Fpr2/ALX pathway regulates neutrophil function, promoting thromboinflammation resolution in sickle cell disease. <i>Blood</i> , 2021 , 137, 1538-1549	2.2	11
39	Development of a peptide-based delivery platform for targeting malignant brain tumors. <i>Biomaterials</i> , 2020 , 252, 120105	15.6	10
38	Preconditioning and adenosine in I/R-induced leukocyte-endothelial cell interactions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998 , 274, H1230-8	5.2	10
37	Lymph Nodes: The Unrecognized Barrier against Pathogens. <i>ACS Infectious Diseases</i> , 2018 , 4, 1158-1161	5.5	9
36	The role of adhesion molecules and nitric oxide in intestinal and hepatic ischemia/reperfusion. <i>Hepato-Gastroenterology</i> , 1999 , 46 Suppl 2, 1458-63		9
35	L-selectin: an emerging player in chemokine function. <i>Microcirculation</i> , 2003 , 10, 351-8	2.9	8

34	Visualizing the Tumor Microenvironment of Liver Metastasis by Spinning Disk Confocal Microscopy. <i>Methods in Molecular Biology</i> , 2016 , 1458, 203-15	1.4	8
33	Unraveling the host immune response to infection: Seeing is believing. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 323-335	6.5	8
32	Delayed neutrophil recruitment allows nascent Staphylococcus aureus biofilm formation and immune evasion. <i>Biomaterials</i> , 2021 , 275, 120775	15.6	8
31	Immunopathology of NSAID-gastropathy: inhibitory effects of interleukin-1 and cyclosporin A. <i>Annals of the New York Academy of Sciences</i> , 1992 , 664, 400-7	6.5	7
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