

CITATION REPORT

List of articles citing

Getting to the site of inflammation: the leukocyte adhesion cascade updated

DOI: 10.1038/nri2156

Nature Reviews Immunology, 2007, 7, 678-89.

Source: <https://exaly.com/paper-pdf/42813073/citation-report.pdf>

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2326	Imaging leukocyte trafficking in vivo with two-photon-excited endogenous tryptophan fluorescence. 2010 , 18, 988		
2325	Imaging leukocyte trafficking in vivo with two-photon-excited endogenous tryptophan fluorescence. 2010 , 18, 988		
2324	Imaging leukocyte trafficking in vivo with two-photon-excited endogenous tryptophan fluorescence. 2010 , 18, 988		
2323	Primary sclerosing cholangitis and hepatitis C virus infection. 2005 , 48, 268-72		5
2322	Leukocyte influx in atherosclerosis. 2007 , 8, 1239-48		102
2321	Perfluorohexane-loaded macrophages as a novel ultrasound contrast agent: a feasibility study. 2008 , 10, 264-70		11
2320	Characterizing extravascular neutrophil migration in vivo in the iris. 2008 , 31, 105-11		12
2319	Neutrophil recognition of bacterial DNA and Toll-like receptor 9-dependent and -independent regulation of neutrophil function. 2008 , 56, 41-53		24
2318	Regulation of phagocyte migration and recruitment by Src-family kinases. 2008 , 65, 2175-90		45
2317	Mechanisms of leukocyte migration across the blood-retina barrier. 2008 , 30, 165-77		88
2316	In vivo imaging of the immune response in the eye. 2008 , 30, 179-90		8
2315	L-selectin shear thresholding modulates leukocyte secondary capture. 2008 , 36, 622-31		10
2314	Organization of multiprotein complexes at cell-cell junctions. 2008 , 130, 1-20		119
2313	Extravasation of leukocytes in comparison to tumor cells. 2008 , 6, 10		141
2312	The immunology of sepsis. 2008 , 214, 211-23		183
2311	Leukocyte adhesion molecules in animal models of inflammatory bowel disease. 2008 , 14, 1715-35		51
2310	Human Thy-1 induces secretion of matrix metalloproteinase-9 and CXCL8 from human neutrophils. 2008 , 38, 1391-403		13

2309	Ischemia-reperfusion injury is attenuated in VAP-1-deficient mice and by VAP-1 inhibitors. 2008 , 38, 3041-9	29
2308	Enhanced T cell transmigration across the murine liver sinusoidal endothelium is mediated by transcytosis and surface presentation of chemokines. 2008 , 48, 1262-72	41
2307	Polymeric particles conjugated with a ligand to VCAM-1 exhibit selective, avid, and focal adhesion to sites of atherosclerosis. 2008 , 101, 400-7	29
2306	Undesired meeting of lymphocytes: organ-specific infiltration and the organization of ectopic lymphoid tissue in a murine experimental autoimmune gastritis. 2008 , 118, 103-9	3
2305	Lymphocyte recruitment to the liver: molecular insights into the pathogenesis of liver injury and hepatitis. 2008 , 254, 136-46	44
2304	Hypothesis: arterial glycocalyx dysfunction is the first step in the atherothrombotic process. 2008 , 101, 513-8	76
2303	Integrin-associated proteins as potential therapeutic targets. 2008 , 223, 236-51	64
2302	The structure of glycosaminoglycans and their interactions with proteins. 2008 , 72, 455-82	678
2301	VEGF expression by mesenchymal stem cells contributes to angiogenesis in pancreatic carcinoma. 2008 , 99, 622-31	300
2300	How chemokines invite leukocytes to dance. 2008 , 9, 953-9	249
2299	Interstitial leukocyte migration and immune function. 2008 , 9, 960-9	414
2298	Orchestrating the orchestrators: chemokines in control of T cell traffic. 2008 , 9, 970-80	460
2297	Semaphorins and their receptors in immune cell interactions. 2008 , 9, 17-23	251
2296	Autotaxin, an ectoenzyme that produces lysophosphatidic acid, promotes the entry of lymphocytes into secondary lymphoid organs. 2008 , 9, 415-23	207
2295	A role for leukocyte-endothelial adhesion mechanisms in epilepsy. 2008 , 14, 1377-83	388
2294	CCR7 and its ligands: balancing immunity and tolerance. <i>Nature Reviews Immunology</i> , 2008 , 8, 362-71	36.5 907
2293	Neutrophil infiltration in normal human skin after exposure to different ultraviolet radiation sources. 2008 , 84, 1528-34	26
2292	Expression and putative function of lymphocyte endothelial epithelial-cell adhesion molecule in human testis. 2008 , 40, 252-8	1

2291	Cisplatin up-regulates ICAM-1 expression in endothelial cell via a NF-kappaB dependent pathway. 2008 , 99, 391-7	37
2290	Neutrophil mobilization and clearance in the bone marrow. 2008 , 125, 281-8	275
2289	Activation of leukocyte rolling by the cysteine-rich domain and the hyper-variable region of HF3, a snake venom hemorrhagic metalloproteinase. 2008 , 582, 3915-21	29
2288	Oncolytic virotherapy: molecular targets in tumor-selective replication and carrier cell-mediated delivery of oncolytic viruses. 2008 , 1785, 217-31	87
2287	Cells on the run: shear-regulated integrin activation in leukocyte rolling and arrest on endothelial cells. 2008 , 20, 525-32	154
2286	Tumor necrosis factor-alpha (TNF-alpha) induces integrin CD11b/CD18 (Mac-1) up-regulation and migration to the CC chemokine CCL3 (MIP-1alpha) on human neutrophils through defined signalling pathways. 2008 , 20, 557-68	85
2285	Chemokine signaling and integrin activation in lymphocyte migration into the inflamed brain. 2008 , 198, 20-6	28
2284	Reverse leukocyte migration can be attractive or repulsive. 2008 , 18, 298-306	54
2283	Mechanical regulation of cell adhesion. 2008 , 4, 1373-1387	23
2282	The Microcirculation in Inflammation. 2008 , 387-448	7
2281	The Microcirculation in Inflammation. 2008 , 387-448	2
2280	The chemokine system as therapeutic target in cardiovascular disease. 2008 , 5, e285-e292	2
2279	Drug testing in cellular chemotaxis assays. 2008 , Chapter 12, Unit 12.11	2
2278	Human neutrophil Fcgamma receptors initiate and play specialized nonredundant roles in antibody-mediated inflammatory diseases. 2008 , 28, 833-46	130
2277	Mechanisms and consequences of dendritic cell migration. 2008 , 29, 325-42	366
2276	A role for MC3R in modulating lung inflammation. 2008 , 21, 866-73	44
2275	Homing and engraftment of progenitor cells: a prerequisite for cell therapy. 2008 , 45, 514-22	260
2274	Growth cone chemotaxis. 2008 , 31, 90-8	134

2273	P-selectin glycoprotein ligand-1 is highly expressed on Ly-6Chi monocytes and a major determinant for Ly-6Chi monocyte recruitment to sites of atherosclerosis in mice. 2008 , 117, 3227-37	134
2272	Translating molecular discoveries into new therapies for atherosclerosis. 2008 , 451, 904-13	367
2271	Moving targets: cell migration inhibitors as new anti-inflammatory therapies. 2008 , 9, 988-98	178
2270	Breaching the basement membrane: who, when and how?. 2008 , 18, 560-74	348
2269	Chemokine-directed strategies to attenuate allograft rejection. 2008 , 28, 441-54, vii	14
2268	Targeted regulation of a lymphocyte-endothelial-interleukin-6 axis by thermal stress. 2008 , 24, 67-78	13
2267	Hyperoxia, endothelial progenitor cell mobilization, and diabetic wound healing. 2008 , 10, 1869-82	194
2266	Chemical engineering of mesenchymal stem cells to induce a cell rolling response. 2008 , 19, 2105-9	90
2265	Immobilized chemoattractant peptides mediate adhesion and distinct calcium-dependent cell signaling in human neutrophils. 2008 , 24, 6803-11	12
2264	Inflamed phenotype of the mesenteric microcirculation of melanocortin type 3 receptor-null mice after ischemia-reperfusion. 2008 , 22, 4228-38	39
2263	ADAMTS13: a new link between thrombosis and inflammation. 2008 , 205, 2065-74	162
2262	CD40L+ CD4+ memory T cells migrate in a CD62P-dependent fashion into reactive lymph nodes and license dendritic cells for T cell priming. 2008 , 205, 2561-74	60
2261	A novel gene expression profile in lymphatics associated with tumor growth and nodal metastasis. 2008 , 68, 7293-303	90
2260	The role of neutrophils and monocytes in innate immunity. 2008 , 15, 118-146	91
2259	Role of H2-calponin in regulating macrophage motility and phagocytosis. 2008 , 283, 25887-99	45
2258	Dances with leukocytes: how tetraspanin-enriched microdomains assemble to form endothelial adhesive platforms. 2008 , 183, 375-6	12
2257	Citrullination of CXCL8 by peptidylarginine deiminase alters receptor usage, prevents proteolysis, and dampens tissue inflammation. 2008 , 205, 2085-97	145
2256	Targeting adhesion molecules in cardiovascular disorders. 2008 , 8, 252-60	40

2255	JAM-L-mediated leukocyte adhesion to endothelial cells is regulated in cis by alpha4beta1 integrin activation. 2008 , 183, 1159-73	58
2254	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplateforms. 2008 , 183, 527-42	191
2253	Endoglycan, a member of the CD34 family of sialomucins, is a ligand for the vascular selectins. 2008 , 181, 1480-90	14
2252	Measles virus-induced block of transendothelial migration of T lymphocytes and infection-mediated virus spread across endothelial cell barriers. 2008 , 82, 11273-82	31
2251	Del-1, an endogenous leukocyte-endothelial adhesion inhibitor, limits inflammatory cell recruitment. 2008 , 322, 1101-4	218
2250	Activatable magnetic resonance imaging agent reports myeloperoxidase activity in healing infarcts and noninvasively detects the antiinflammatory effects of atorvastatin on ischemia-reperfusion injury. 2008 , 117, 1153-60	158
2249	Pathophysiological levels of soluble P-selectin mediate adhesion of leukocytes to the endothelium through Mac-1 activation. 2008 , 103, 1128-38	52
2248	VE-PTP maintains the endothelial barrier via plakoglobin and becomes dissociated from VE-cadherin by leukocytes and by VEGF. 2008 , 205, 2929-45	177
2247	Very late antigen-4 integrin antagonists. 2008 , 18, 841-859	26
2246	Manipulation of acute inflammatory lung disease. 2008 , 1, 265-78	13
2245	PSGL-1 engagement by E-selectin signals through Src kinase Fgr and ITAM adapters DAP12 and FcR gamma to induce slow leukocyte rolling. 2008 , 205, 2339-47	168
2244	Chapter 11. Intravital microscopic investigation of leukocyte interactions with the blood vessel wall. 2008 , 445, 255-79	12
2243	Homeostatic regulation of blood neutrophil counts. 2008 , 181, 5183-8	205
2242	Advances in neutrophil biology: clinical implications. 2008 , 134, 606-612	142
2241	Leukocyte trafficking in a mouse model for leukocyte adhesion deficiency II/congenital disorder of glycosylation IIc. 2008 , 112, 1472-81	33
2240	Genetic perturbation of the putative cytoplasmic membrane-proximal salt bridge aberrantly activates alpha(4) integrins. 2008 , 112, 5007-15	24
2239	Separable requirements for cytoplasmic domain of PSGL-1 in leukocyte rolling and signaling under flow. 2008 , 112, 2035-45	88
2238	Septic impairment of capillary blood flow requires nicotinamide adenine dinucleotide phosphate oxidase but not nitric oxide synthase and is rapidly reversed by ascorbate through an endothelial nitric oxide synthase-dependent mechanism. 2008 , 36, 2355-62	85

2237	CD93 and related family members: their role in innate immunity. 2008 , 9, 130-8	46
2236	Electric fields and inflammation: may the force be with you. 2008 , 8, 1280-94	14
2235	Endothelial adapter proteins in leukocyte transmigration. 2009 , 101, 649-655	32
2234	The VEGF-induced transcriptional response comprises gene clusters at the crossroad of angiogenesis and inflammation. 2009 , 102, 544-54	83
2233	Inhibition of leukocyte adhesion by developmental endothelial locus-1 (del-1). 2009 , 9, 153-7	15
2232	Settings and mechanisms for trans-cellular diapedesis. 2009 , 14, 5066-83	59
2231	Novel aspects in the regulation of the leukocyte adhesion cascade. 2009 , 102, 191-7	69
2230	The role of platelets in acute lung injury (ALI). 2009 , 14, 150-8	82
2229	Endothelial signaling in paracellular and transcellular leukocyte transmigration. 2009 , 14, 2522-45	138
2228	Mechanisms of neutrophil transendothelial migration. 2009 , 14, 1596-605	53
2227	SOD3 reduces inflammatory cell migration by regulating adhesion molecule and cytokine expression. 2009 , 4, e5786	81
2226	ITAM signaling by Vav family Rho guanine nucleotide exchange factors regulates interstitial transit rates of neutrophils in vivo. 2009 , 4, e4652	26
2225	Flotillins interact with PSGL-1 in neutrophils and, upon stimulation, rapidly organize into membrane domains subsequently accumulating in the uropod. 2009 , 4, e5403	47
2224	Heparan sulfate proteoglycans in extravasation: assisting leukocyte guidance. 2009 , 14, 4932-49	43
2223	Intracapillary leucocyte accumulation as a novel antihaemorrhagic mechanism in acute pancreatitis in mice. 2009 , 58, 1508-16	15
2222	The engineering of concurrent simulations of complex systems. 2009 ,	9
2221	Role of junctional adhesion molecule-like protein in mediating monocyte transendothelial migration. 2009 , 29, 75-83	42
2220	Mechanisms of immune complex-mediated neutrophil recruitment and tissue injury. 2009 , 120, 2012-24	140

2219	Bacterial DNA activates endothelial cells and promotes neutrophil adherence through TLR9 signaling. 2009 , 182, 4386-94	62
2218	Extracellular matrix lumican deposited on the surface of neutrophils promotes migration by binding to beta2 integrin. 2009 , 284, 23662-9	64
2217	Cholinergic neural signals to the spleen down-regulate leukocyte trafficking via CD11b. 2009 , 183, 552-9	86
2216	In Vitro and in Vivo Characterization of Molecular Interactions between Calmodulin, Ezrin/Radixin/Moesin, and L-selectin. 2009 , 284, 8833-45	37
2215	Myeloid-specific deletion of tumor suppressor PTEN augments neutrophil transendothelial migration during inflammation. 2009 , 182, 7190-200	32
2214	ICAM-1/LFA-1 interaction contributes to the induction of endothelial cell-cell separation: implication for enhanced leukocyte diapedesis. 2009 , 41, 341-8	20
2213	In vivo optical imaging of cellular inflammatory response in granuloma formation using fluorescence-labeled macrophages. 2009 , 50, 1676-82	70
2212	Signaling components involved in leptin-induced amplification of the atherosclerosis-related properties of human monocytes. 2009 , 46, 199-208	17
2211	Inflammatory stress and idiosyncratic hepatotoxicity: hints from animal models. 2009 , 61, 262-82	103
2210	p110gamma and p110delta isoforms of phosphoinositide 3-kinase differentially regulate natural killer cell migration in health and disease. 2009 , 106, 5795-800	64
2209	Human genetic deficiencies reveal the roles of complement in the inflammatory network: lessons from nature. 2009 , 106, 15861-6	105
2208	Caveolae-mediated internalization of occludin and claudin-5 during CCL2-induced tight junction remodeling in brain endothelial cells. 2009 , 284, 19053-66	137
2207	Molecular mechanisms of leukocyte trafficking in T-cell-mediated skin inflammation: insights from intravital imaging. 2009 , 11, e25	30
2206	Molecular and functional interactions among monocytes, platelets, and endothelial cells and their relevance for cardiovascular diseases. 2009 , 85, 195-204	210
2205	PSGL-1-dependent myeloid leukocyte activation. 2009 , 86, 1119-24	61
2204	Discoidin domain receptor 1 on bone marrow-derived cells promotes macrophage accumulation during atherogenesis. 2009 , 105, 1141-8	61
2203	Activation of PPARbeta/delta inhibits leukocyte recruitment, cell adhesion molecule expression, and chemokine release. 2009 , 86, 115-22	50
2202	Sequestration of PDLIM2 in the cytoplasm of monocytic/macrophage cells is associated with adhesion and increased nuclear activity of NF-kappaB. 2009 , 85, 481-90	31

2201	Mechanisms that regulate adaptor binding to beta-integrin cytoplasmic tails. 2009 , 122, 187-98	291
2200	Functional role of CD11c+ monocytes in atherogenesis associated with hypercholesterolemia. 2009 , 119, 2708-17	172
2199	PI3K signaling in lymphocyte migration. 2009 , 8, 3307-10	20
2198	Chapter 14. Real-time in vitro assays for studying the role of chemokines in lymphocyte transendothelial migration under physiologic flow conditions. 2009 , 461, 311-32	16
2197	Chapter 10 Transmigratory Cups and Invadosome-Like Protrusions: New Aspects of Diapedesis. 2009 , 64, 297-333	3
2196	Multiple roles of the extracellular matrix in inflammation. 2009 , 15, 1349-57	71
2195	Acute lung injury is reduced in fat-1 mice endogenously synthesizing n-3 fatty acids. 2009 , 179, 474-83	41
2194	New potential targets to modulate neutrophil function in inflammation. 2009 , 9, 153-68	18
2193	CD44 and its role in inflammation and inflammatory diseases. 2009 , 8, 208-20	133
2192	Characterization of umbilical cord blood-derived late outgrowth endothelial progenitor cells exposed to laminar shear stress. 2009 , 15, 3575-87	63
2191	Systemic hypoxia enhances exercise-mediated bactericidal and subsequent apoptotic responses in human neutrophils. 2009 , 107, 1213-22	13
2190	Transepithelial migration of neutrophils: mechanisms and implications for acute lung injury. 2009 , 40, 519-35	247
2189	Modulation of neutrophil function by a secreted mucinase of Escherichia coli O157:H7. 2009 , 5, e1000320	40
2188	Exposure to environmental tobacco smoke induces angiogenesis and leukocyte trafficking in lung microvessels. 2009 , 35, 119-35	19
2187	Dynamics of neutrophil extravasation and vascular permeability are uncoupled during aseptic cutaneous wounding. 2009 , 296, C848-56	70
2186	Agent-based model of therapeutic adipose-derived stromal cell trafficking during ischemia predicts ability to roll on P-selectin. 2009 , 5, e1000294	60
2185	Microfluidic technology in vascular research. 2009 , 2009, 823148	59
2184	CORM-3-derived CO modulates polymorphonuclear leukocyte migration across the vascular endothelium by reducing levels of cell surface-bound elastase. 2009 , 297, H920-9	48

2183	Mediators released from LPS-challenged lungs induce inflammatory responses in liver vascular endothelial cells and neutrophilic leukocytes. 2009 , 297, G1066-76	24
2182	Junctional adhesion molecule-C mediates leukocyte infiltration in response to ischemia reperfusion injury. 2009 , 29, 1509-15	49
2181	Cholinergic agonists regulate JAK2/STAT3 signaling to suppress endothelial cell activation. 2009 , 297, C1294-306	76
2180	Ccl2 and Ccl3 mediate neutrophil recruitment via induction of protein synthesis and generation of lipid mediators. 2009 , 29, 1787-93	70
2179	Broadband reflectance spectroscopy for establishing a quantitative metric of vascular leak using the Miles assay. 2009 , 14, 054012	2
2178	Chapter 7 Biophysical Regulation of Selectin-Ligand Interactions Under Flow. 2009 , 64, 195-220	1
2177	Mac-1 (CD11b/CD18) links inflammation and thrombosis after glomerular injury. 2009 , 120, 1255-65	61
2176	Myeloid-derived suppressor cells down-regulate L-selectin expression on CD4+ and CD8+ T cells. 2009 , 183, 937-44	291
2175	Mechanisms of transendothelial migration of leukocytes. 2009 , 105, 223-30	224
2174	Inhibition of VEGF or TGF- β signaling activates endothelium and increases leukocyte rolling. 2009 , 29, 1185-92	58
2173	Regulation of chemokine receptor by Toll-like receptor 2 is critical to neutrophil migration and resistance to polymicrobial sepsis. 2009 , 106, 4018-23	241
2172	MMP-9 sheds the beta2 integrin subunit (CD18) from macrophages. 2009 , 8, 1044-60	69
2171	Circulating B-cell chronic lymphocytic leukemia cells display impaired migration to lymph nodes and bone marrow. 2009 , 69, 3121-30	66
2170	Transcellular migration of leukocytes is mediated by the endothelial lateral border recycling compartment. 2009 , 206, 2795-808	138
2169	The regulatory role of cell mechanics for migration of differentiating myeloid cells. 2009 , 106, 15696-701	176
2168	Vascular adhesion protein-1 enhances tumor growth by supporting recruitment of Gr-1+CD11b+ myeloid cells into tumors. 2009 , 69, 7875-83	54
2167	Comparative analysis of normal versus CLL B-lymphocytes reveals patient-specific variability in signaling mechanisms controlling LFA-1 activation by chemokines. 2009 , 69, 9281-90	33
2166	Monocytes and neutrophils exhibit both distinct and common mechanisms in penetrating the vascular basement membrane in vivo. 2009 , 29, 1193-9	92

2165	Budlein A from <i>Viguiera robusta</i> inhibits leukocyte-endothelial cell interactions, adhesion molecule expression and inflammatory mediators release. 2009 , 16, 904-15	21
2164	Effector and suppressor roles for LFA-1 during the development of experimental autoimmune encephalomyelitis. 2009 , 206, 22-7	24
2163	Cell adhesion dynamics at endothelial junctions: VE-cadherin as a major player. 2009 , 19, 8-15	211
2162	Tetraspanin-enriched microdomains: a functional unit in cell plasma membranes. 2009 , 19, 434-46	420
2161	P-selectin glycoprotein ligand-1 plays a crucial role in the selective recruitment of leukocytes into the atherosclerotic arterial wall. 2009 , 19, 140-5	36
2160	Dual targeting improves microbubble contrast agent adhesion to VCAM-1 and P-selectin under flow. 2009 , 140, 100-7	121
2159	Adhesion and transcellular migration of neutrophils and B lymphocytes on fibroblasts. 2009 , 315, 2192-206	20
2158	Connexin43 modulates neutrophil recruitment to the lung. 2009 , 13, 4560-70	81
2157	Leukocyte-endothelial interactions in inflammation. 2009 , 13, 1211-20	223
2156	Functional alterations of myeloid cell subsets in hyperlipidaemia: relevance for atherosclerosis. 2009 , 13, 4293-303	29
2155	Inflammatory cytokines stimulate the chemokines CCL2/MCP-1 and CCL7/MCP-3 through NFkB and MAPK dependent pathways in rat astrocytes [corrected]. 2009 , 1287, 47-57	153
2154	Mechanical modes of 'amoeboid' cell migration. 2009 , 21, 636-44	448
2153	Chemokines in the immunopathogenesis of hepatitis C infection. 2009 , 49, 676-88	106
2152	Leukocyte transmigration is modulated by chemokine-mediated PI3Kgamma-dependent phosphorylation of vimentin. 2009 , 39, 1136-46	51
2151	Cleaver-1/Stabilin-1 regulates lymphocyte migration within lymphatics and leukocyte entrance to sites of inflammation. 2009 , 39, 3477-87	63
2150	Lymphocyte adhesion and interactions with biomaterial adherent macrophages and foreign body giant cells. 2009 , 91, 1210-20	41
2149	Trafficking and differentiation of mesenchymal stem cells. 2009 , 106, 984-91	280
2148	B cell multitasking is required to control nematode infection. 2009 , 30, 317-9	5

2147	Millipede-like lymphocyte crawling: feeling the way with filopodia. 2009 , 30, 315-7	2
2146	Intravital imaging of CD8+ T cell function in cancer. 2009 , 26, 311-27	23
2145	Resveratrol inhibits Porphyromonas gingivalis lipopolysaccharide-induced endothelial adhesion molecule expression by suppressing NF-kappaB activation. 2009 , 32, 583-91	56
2144	Functions of lipid raft membrane microdomains at the blood-brain barrier. 2009 , 87, 765-74	46
2143	Beta2-integrin-mediated adhesion and intracellular Ca ²⁺ release in human eosinophils. 2009 , 228, 99-109	4
2142	Myeloid cells in atherosclerosis: initiators and decision shapers. 2009 , 31, 35-47	55
2141	Mesenchymal stromal cells: current understanding and clinical status. 2010 , 28, 585-96	677
2140	Integrin activation in the immune system. 2009 , 1, 116-127	16
2139	Human neutrophils switch to an activated phenotype after homing to the lung irrespective of inflammatory disease. 2009 , 155, 559-66	103
2138	Getting a GRASP on CASP: properties and role of the cytohesin-associated scaffolding protein in immunity. 2009 , 87, 72-80	7
2137	P-selectin glycoprotein ligand-1 contributes to wound healing predominantly as a p-selectin ligand and partly as an e-selectin ligand. 2009 , 129, 2059-67	11
2136	The Duffy antigen receptor for chemokines transports chemokines and supports their promigratory activity. 2009 , 10, 101-8	229
2135	Cortical sinus probing, S1P1-dependent entry and flow-based capture of egressing T cells. 2009 , 10, 58-65	161
2134	Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho signaling module. 2009 , 10, 185-94	122
2133	Thymic self-reactivity selects natural interleukin 17-producing T cells that can regulate peripheral inflammation. 2009 , 10, 1125-32	139
2132	Kindlin-3 is required for beta2 integrin-mediated leukocyte adhesion to endothelial cells. 2009 , 15, 300-5	286
2131	Intravascular immunity: the host-pathogen encounter in blood vessels. <i>Nature Reviews Immunology</i> , 2009 , 9, 364-75	36.5 179
2130	Mechanisms and functions for the duration of intercellular contacts made by lymphocytes. <i>Nature Reviews Immunology</i> , 2009 , 9, 543-55	36.5 78

2129	Galectins in innate immunity: dual functions of host soluble beta-galactoside-binding lectins as damage-associated molecular patterns (DAMPs) and as receptors for pathogen-associated molecular patterns (PAMPs). 2009 , 230, 172-87	228
2128	Glycosylation in immune cell trafficking. 2009 , 230, 97-113	216
2127	Combined 3D-QSAR modeling and molecular docking study on quinoline derivatives as inhibitors of P-selectin. 2009 , 74, 596-610	5
2126	Blood outgrowth endothelial cells from cord blood and peripheral blood: angiogenesis-related characteristics in vitro. 2009 , 7, 217-26	27
2125	Platelet functions beyond hemostasis. 2009 , 7, 1759-66	396
2124	Exploiting the Annexin A1 pathway for the development of novel anti-inflammatory therapeutics. 2009 , 158, 936-46	109
2123	Lymphocyte crawling and transendothelial migration require chemokine triggering of high-affinity LFA-1 integrin. 2009 , 30, 384-96	206
2122	Chemokine-induced Zap70 kinase-mediated dissociation of the Vav1-talin complex activates alpha4beta1 integrin for T cell adhesion. 2009 , 31, 953-64	38
2121	Chemokine signaling to lymphocyte integrins under shear flow. 2009 , 16, 3-16	23
2120	Neutrophil recruitment under shear flow: it's all about endothelial cell rings and gaps. 2009 , 16, 43-57	61
2119	Neutrophil adhesion and activation under flow. 2009 , 16, 31-42	140
2118	Role of alpha4beta1 integrins in chemokine-induced monocyte arrest under conditions of shear stress. 2009 , 16, 17-30	22
2117	Acquired immunodeficiency syndrome and the blood-brain barrier. 2009 , 15, 111-22	83
2116	Rapid assembly of oligosaccharides: a highly convergent strategy for the assembly of a glycosylated amino acid derived from PSGL-1. 2009 , 74, 6064-71	30
2115	A 2D-DIGE approach to identify proteins involved in inside-out control of integrins. 2009 , 8, 3824-33	21
2114	Stable isotope dilution multidimensional liquid chromatography-tandem mass spectrometry for pancreatic cancer serum biomarker discovery. 2009 , 8, 1565-76	75
2113	CXCR4 but not CXCR7 is mainly implicated in ocular leukocyte trafficking during ovalbumin-induced acute uveitis. 2009 , 89, 522-31	17
2112	Mesenchymal stem cell homing: the devil is in the details. 2009 , 4, 206-16	1059

2111	Bovine herpesvirus type 1 infection of bovine bronchial epithelial cells increases neutrophil adhesion and activation. 2009 , 131, 167-76	32
2110	Characterization of a new bioactive peptide from Potamotrygon gr. orbignyi freshwater stingray venom. 2009 , 30, 2191-9	25
2109	Neutrophil granule proteins tune monocytic cell function. 2009 , 30, 538-46	120
2108	The basic residue cluster (55)KKWVR(59) in CCL5 is required for in vivo biologic function. 2009 , 46, 2533-8	14
2107	T cell extravasation: demonstration of synergy between activation of CXCR3 and the T cell receptor. 2009 , 47, 485-92	28
2106	Chemokine signaling in embryonic cell migration: a fisheye view. 2009 , 136, 1223-9	92
2105	Imaging inflammation in atherosclerosis another step forward. 2009 , 2, 1223-5	
2104	L-selectin: role in regulating homeostasis and cutaneous inflammation. 2009 , 56, 141-7	47
2103	Regulation of extracellular chromatin release from neutrophils. 2009 , 1, 194-201	199
2102	NNZ-2566 treatment inhibits neuroinflammation and pro-inflammatory cytokine expression induced by experimental penetrating ballistic-like brain injury in rats. 2009 , 6, 19	56
2101	Mechanisms for transcellular diapedesis: probing and pathfinding by 'invadosome-like protrusions'. 2009 , 122, 3025-35	147
2100	The ins and outs of leukocyte integrin signaling. 2009 , 27, 339-62	383
2099	Identification of splenic reservoir monocytes and their deployment to inflammatory sites. 2009 , 325, 612-6	1481
2098	Integrins in immunity. 2009 , 122, 215-25	219
2097	Preformed portals facilitate dendritic cell entry into afferent lymphatic vessels. 2009 , 206, 2925-35	216
2096	Functional and ultrastructural analysis of annexin A1 and its receptor in extravasating neutrophils during acute inflammation. 2009 , 174, 177-83	56
2095	Control of the Cytoskeleton. 2009 , 129-151	
2094	ICAM-1 signaling in endothelial cells. 2009 , 61, 22-32	411

2093	Mechanisms of chemokine and antigen-dependent T-lymphocyte navigation. 2009 , 418, 13-27	88
2092	Expression, localization, and function of junctional adhesion molecule-C (JAM-C) in human retinal pigment epithelium. 2009 , 50, 1454-63	44
2091	ADAMs and Ectodomain Proteolytic Shedding in Leukocyte and Tumour Cell Migration. 2009 , 83-101	
2090	Human embryonic stem cells differentiate into a homogeneous population of natural killer cells with potent in vivo antitumor activity. 2009 , 113, 6094-101	177
2089	High-density lipoproteins, inflammation and oxidative stress. 2009 , 116, 87-98	112
2088	Systemic hypoxia enhances bactericidal activities of human polymorphonuclear leucocytes. 2009 , 116, 805-17	17
2087	B7-H4-deficient mice display augmented neutrophil-mediated innate immunity. 2009 , 113, 1759-67	65
2086	The Rac activator Tiam1 controls efficient T-cell trafficking and route of transendothelial migration. 2009 , 113, 6138-47	75
2085	LAD-1/variant syndrome is caused by mutations in FERMT3. 2009 , 113, 4740-6	194
2084	Beta-arrestin 2 is required for the induction and strengthening of integrin-mediated leukocyte adhesion during CXCR2-driven extravasation. 2009 , 114, 1073-82	22
2083	Endothelial cell activation leads to neutrophil transmigration as supported by the sequential roles of ICAM-2, JAM-A, and PECAM-1. 2009 , 113, 6246-57	151
2082	The small Rho GTPase Cdc42 regulates neutrophil polarity via CD11b integrin signaling. 2009 , 114, 4527-37	56
2081	A fundamental role of mAbp1 in neutrophils: impact on beta(2) integrin-mediated phagocytosis and adhesion in vivo. 2009 , 114, 4209-20	38
2080	Leukocytes whisper to endothelial guards. 2009 , 113, 6048-9	1
2079	Dysfunctional expansion of hematopoietic stem cells and block of myeloid differentiation in lethal sepsis. 2009 , 114, 4064-76	102
2078	Mechanisms underlying neutrophil-mediated monocyte recruitment. 2009 , 114, 4613-23	173
2077	Chapter 6 Membrane-Cytoskeletal Platforms for Rapid Chemokine Signaling to Integrins. 2009 , 64, 157-193	
2076	Interactions of Leukocytes with the Endothelium. 2009 , 158-173	

2075	Chapter 11 How Endothelial Cells Regulate Transendothelial Migration of Leukocytes. 2009 , 335-355	1
2074	Chapter 12 Fluorescence Resonance Energy Transfer in the Studies of Integrin Activation. 2009 , 64, 359-388	1
2073	Citrullination of CXCL8 increases this chemokine's ability to mobilize neutrophils into the blood circulation. 2009 , 94, 1346-53	43
2072	Chapter 9 Endothelial Adhesive Platforms Organize Receptors to Promote Leukocyte Extravasation. 2009 , 277-296	
2071	Role of beta7 integrins in intestinal lymphocyte homing and retention. 2009 , 9, 836-50	230
2070	The promise of plant polyphenols as the golden standard skin anti-inflammatory agents. 2010 , 11, 414-24	15
2069	Identification of E-selectin as a novel target for the regulation of postnatal neovascularization: implications for diabetic wound healing. 2010 , 252, 625-34	35
2068	Recent developments and complexities in neutrophil transmigration. 2010 , 17, 9-17	108
2067	Clinical Importance of the Failure to Detect Immature Neutrophils by an Automated Hematology Analyzer. 2010 , 18, 374-378	
2066	High-density lipoprotein metabolism and endothelial function. 2010 , 17, 166-70	15
2065	New observations on the trafficking and diapedesis of monocytes. 2010 , 17, 43-52	69
2064	Neutrophil microdomains: linking heterocellular interactions with vascular injury. 2010 , 17, 25-30	12
2063	Control of endothelial barrier function by regulating vascular endothelial-cadherin. 2010 , 17, 230-6	37
2062	Molecular to Multicellular Deformation during Adhesion of Immune Cells Under Flow. 2010 , 341-368	
2061	Neutrophil-Endothelial Cell Interactions. 141-152	
2060	Oxidative modification of von Willebrand factor by neutrophil oxidants inhibits its cleavage by ADAMTS13. 2010 , 115, 706-12	106
2059	Three-dimensional migration of macrophages requires Hck for podosome organization and extracellular matrix proteolysis. 2010 , 115, 1444-52	93
2058	Impaired NK-cell migration in WAS/XLT patients: role of Cdc42/WASp pathway in the control of chemokine-induced beta2 integrin high-affinity state. 2010 , 115, 2818-26	44

2057	A congenital activating mutant of WASp causes altered plasma membrane topography and adhesion under flow in lymphocytes. 2010 , 115, 5355-65	14
2056	RAGE and ICAM-1 cooperate in mediating leukocyte recruitment during acute inflammation in vivo. 2010 , 116, 841-9	101
2055	Tyrosine kinase Btk regulates E-selectin-mediated integrin activation and neutrophil recruitment by controlling phospholipase C (PLC) gamma2 and PI3Kgamma pathways. 2010 , 115, 3118-27	124
2054	CD99 and CD99L2 act at the same site as, but independently of, PECAM-1 during leukocyte diapedesis. 2010 , 116, 1172-84	67
2053	E-selectin engages PSGL-1 and CD44 through a common signaling pathway to induce integrin alphaLbeta2-mediated slow leukocyte rolling. 2010 , 116, 485-94	160
2052	Distinct roles for LFA-1 affinity regulation during T-cell adhesion, diapedesis, and interstitial migration in lymph nodes. 2010 , 115, 1572-81	76
2051	[Novel adaptor protein, STAP-2 functions as a signal modulator in immune system]. 2010 , 130, 769-75	1
2050	A chemotactic gradient sequestered on endothelial heparan sulfate induces directional intraluminal crawling of neutrophils. 2010 , 116, 1924-31	167
2049	Talin1 is required for integrin-dependent B lymphocyte homing to lymph nodes and the bone marrow but not for follicular B-cell maturation in the spleen. 2010 , 116, 5907-18	32
2048	Contribution of bone marrow-derived cells to the pro-inflammatory effects of protease-activated receptor-2 in colitis. 2010 , 59, 699-709	15
2047	Cell-laden microwells for the study of multicellularity in lymphocyte fate decisions. 2010 , 31, 3422-8	26
2046	Heme oxygenase (HO)-1 protects from lipopolysaccharide (LPS)-mediated liver injury by inhibition of hepatic leukocyte accumulation and improvement of microvascular perfusion. 2010 , 395, 387-94	14
2045	Role of the extracellular matrix in lymphocyte migration. 2010 , 339, 47-57	45
2044	Tumor-infiltrating lymphocytes and hepatocellular carcinoma: molecular biology. 2010 , 15, 544-51	37
2043	Fine-tuning immune surveillance by fever-range thermal stress. 2010 , 46, 177-88	15
2042	Dietary free oleic and linoleic acid enhances neutrophil function and modulates the inflammatory response in rats. 2010 , 45, 809-19	43
2041	4-dimensional intravital microscopy: a new model for studies of leukocyte recruitment and migration in hepatocellular cancer in mice. 2010 , 14, 867-72	13
2040	Carbon monoxide liberated from CO-releasing molecule (CORM-2) attenuates ischemia/reperfusion (I/R)-induced inflammation in the small intestine. 2010 , 33, 92-100	67

2039	Multiphoton Microscopy of Live Tissues With Ultraviolet Autofluorescence. 2010 , 16, 516-523	22
2038	The emerging role for chemokines in epilepsy. 2010 , 224, 22-7	109
2037	CD44 interacts directly with Lck in a zinc-dependent manner. 2010 , 47, 1882-9	18
2036	Therapeutic anti-inflammatory potential of formyl-peptide receptor agonists. 2010 , 127, 175-88	87
2035	Selectins promote tumor metastasis. 2010 , 20, 169-77	302
2034	Troubleshooting methods: Using intravital microscopy in drug research. 2010 , 61, 102-12	17
2033	alpha(9)beta(1) integrin engagement inhibits neutrophil spontaneous apoptosis: involvement of Bcl-2 family members. 2010 , 1803, 848-57	27
2032	Host-Pathogen Relationship in Skin and Soft Tissue Infections Caused by Group A streptococcus and Staphylococcus aureus. 43-68	2
2031	Biomaterials for medical devices: Are current hemo- or biocompatibility tests adequate?. 2010 , 41, 1081-1085	3
2030	ExoU modulates soluble and membrane-bound ICAM-1 in Pseudomonas aeruginosa-infected endothelial cells. 2010 , 12, 154-61	5
2029	Application of proteomics to neutrophil biology. 2010 , 73, 552-61	21
2028	Synthesis of an Fmoc-threonine bearing core-2 glycan: a building block for PSGL-1 via Fmoc-assisted solid-phase peptide synthesis. 2010 , 345, 1541-7	19
2027	Critical appraisal of targeted ultrasound contrast agents for molecular imaging in large arteries. 2010 , 36, 181-91	30
2026	A competitive binding study of chemokine, sulfated receptor, and glycosaminoglycan interactions by nano-electrospray ionization mass spectrometry. 2010 , 407, 134-40	16
2025	Engineered mesenchymal stem cells with self-assembled vesicles for systemic cell targeting. 2010 , 31, 5266-74	103
2024	A deadly migration. 2010 , 32, 147-9	1
2023	Immobilized chemokine fields and soluble chemokine gradients cooperatively shape migration patterns of dendritic cells. 2010 , 32, 703-13	232
2022	Double duty for CCL21 in dendritic cell trafficking. 2010 , 32, 590-2	11

2021	Neutrophils, from marrow to microbes. 2010 , 33, 657-70	922
2020	Trapped versus soluble chemokines: functions in leukocyte adhesion and motility. 2010 , 33, 654-6	4
2019	Leukocyte adhesion deficiency type 1 presenting with recurrent pyoderma gangrenosum and flaccid scarring. 2010 , 27, 500-3	19
2018	The melanocortin MC(1) receptor agonist BMS-470539 inhibits leucocyte trafficking in the inflamed vasculature. 2010 , 160, 171-80	31
2017	The effects of acute and chronic exercise on the vasculature. 2010 , 199, 441-50	64
2016	The highly leukotoxic JP2 clone of <i>Aggregatibacter actinomycetemcomitans</i> : evolutionary aspects, epidemiology and etiological role in aggressive periodontitis. 2010 , 118, 1-53	51
2015	A biophysical view of the interplay between mechanical forces and signaling pathways during transendothelial cell migration. 2010 , 277, 1145-58	35
2014	Interleukin-27 as a negative regulator of human neutrophil function. 2010 , 72, 284-92	25
2013	Stromal cells differentially regulate neutrophil and lymphocyte recruitment through the endothelium. 2010 , 131, 357-70	25
2012	An MEK-cofilin signalling module controls migration of human T cells in 3D but not 2D environments. 2010 , 29, 2915-29	36
2011	Quantitative lymphatic vessel trait analysis suggests Vcam1 as candidate modifier gene of inflammatory bowel disease. 2010 , 11, 219-31	25
2010	Rolling back neutrophil adhesion. 2010 , 11, 282-4	22
2009	Leukocyte chemotaxis: from lysosomes to motility. 2010 , 11, 463-4	5
2008	Quantitative dynamic footprinting microscopy reveals mechanisms of neutrophil rolling. 2010 , 7, 821-4	59
2007	Therapeutic targeting of chemokine interactions in atherosclerosis. 2010 , 9, 141-53	105
2006	Phagocyte partnership during the onset and resolution of inflammation. <i>Nature Reviews Immunology</i> , 2010 , 10, 427-39	36.5 696
2005	Breaching multiple barriers: leukocyte motility through venular walls and the interstitium. 2010 , 11, 366-78	423
2004	Breaking the wall: targeting of the endothelium by pathogenic bacteria. 2010 , 8, 93-104	116

2003	Memory CD8+ T cell differentiation. 2010 , 1183, 251-66	104
2002	Modelling parasite dissemination: host cell subversion and immune evasion by <i>Toxoplasma gondii</i> . 2010 , 12, 292-300	68
2001	. 2010 ,	6
2000	Cell Adhesion Molecules. 208-216	
1999	Chemokine patterning by glycosaminoglycans and interceptors. 2010 , 15, 645-60	42
1998	Downstream gene activation of the receptor ALX by the agonist annexin A1. 2010 , 5, e12771	17
1997	Prospective study of ABO blood type and the risk of pulmonary embolism in two large cohort studies. 2010 , 104, 962-71	30
1996	Locking the Door to Leukocytes: Use of Integrin Inhibitors for the Treatment of Crohn's Disease. 2010 , 2, CMT.S4013	
1995	[The role of adhesion molecules in cutaneous inflammation]. 2010 , 33, 242-8	3
1994	Toll-like receptor ligands induce polymorphonuclear leukocyte migration: key roles for leukotriene B4 and platelet-activating factor. 2010 , 24, 637-47	31
1993	Plasma sE-selectin in premature infants: a possible surrogate marker of retinopathy of prematurity. 2010 , 51, 3709-13	17
1992	Molecular cues guiding inflammatory responses. 2010 , 86, 174-82	56
1991	Diabetic conditions promote binding of monocytes to vascular smooth muscle cells and their subsequent differentiation. 2010 , 298, H736-45	39
1990	Differential regulation of human and murine P-selectin expression and function in vivo. 2010 , 207, 2975-87	61
1989	Beta7 integrin deficiency suppresses B cell homing and attenuates chronic ileitis in SAMP1/YitFc mice. 2010 , 185, 5561-8	22
1988	Large-scale genomic studies reveal central role of ABO in sP-selectin and sICAM-1 levels. 2010 , 19, 1863-72	186
1987	B7h triggering inhibits umbilical vascular endothelial cell adhesiveness to tumor cell lines and polymorphonuclear cells. 2010 , 185, 3970-9	19
1986	Live and let die: is neutrophil apoptosis defective in severe asthma?. 2010 , 65, 665-7	6

1985	High expression of the very late antigen-4 integrin independently predicts reduced risk of relapse and improved outcome in pediatric acute myeloid leukemia: a report from the children's oncology group. 2010 , 28, 2831-8	31
1984	Embryonic trafficking of gammadelta T cells to skin is dependent on E/P selectin ligands and CCR4. 2010 , 107, 7443-8	42
1983	beta2-integrins in demyelinating disease: not adhering to the paradigm. 2010 , 87, 397-403	21
1982	Enhancing the outcome of cell therapy for cardiac repair: progress from bench to bedside and back. 2010 , 121, 325-35	131
1981	Snake venom disintegrins and cell migration. 2010 , 2, 2606-21	51
1980	Integrin-independent role of CalDAG-GEFI in neutrophil chemotaxis. 2010 , 88, 313-9	26
1979	Absence of P-selectin in recipients of allogeneic bone marrow transplantation ameliorates experimental graft-versus-host disease. 2010 , 185, 1912-9	19
1978	Insulin modulates protease-activated receptor 2 signaling: implications for the innate immune response. 2010 , 184, 2702-9	17
1977	Intercellular adhesion molecule-1 enrichment near tricellular endothelial junctions is preferentially associated with leukocyte transmigration and signals for reorganization of these junctions to accommodate leukocyte passage. 2010 , 184, 5242-52	62
1976	In vivo role of leukocyte ADAM17 in the inflammatory and host responses during E. coli-mediated peritonitis. 2010 , 87, 1097-101	54
1975	Regulation of immune cell responses by semaphorins and their receptors. 2010 , 7, 83-8	76
1974	Very late activation antigen-4 (VLA-4) antagonists. 2010 , 169-173	3
1973	T-Cell Trafficking. 2010 ,	
1972	The transmembrane domains of L-selectin and CD44 regulate receptor cell surface positioning and leukocyte adhesion under flow. 2010 , 285, 13490-7	27
1971	Joint tissues amplify inflammation and alter their invasive behavior via leukotriene B4 in experimental inflammatory arthritis. 2010 , 185, 5503-11	25
1970	Endothelial-specific deletion of connexin40 promotes atherosclerosis by increasing CD73-dependent leukocyte adhesion. 2010 , 121, 123-31	110
1969	Natalizumab (Tysabri). 2010 , 31, 1588-90	33
1968	Small-molecule inhibitors of vascular adhesion protein-1 reduce the accumulation of myeloid cells into tumors and attenuate tumor growth in mice. 2010 , 184, 3164-73	30

1967	Neutrophil transmigration mediated by the neutrophil-specific antigen CD177 is influenced by the endothelial S536N dimorphism of platelet endothelial cell adhesion molecule-1. 2010 , 184, 3889-96	56
1966	Lymphatic endothelial murine chloride channel calcium-activated 1 is a ligand for leukocyte LFA-1 and Mac-1. 2010 , 185, 5769-77	18
1965	Neutrophil migration across intestinal epithelium: evidence for a role of CD44 in regulating detachment of migrating cells from the luminal surface. 2010 , 185, 7026-36	44
1964	G protein betagamma subunits regulate cell adhesion through Rap1a and its effector Radil. 2010 , 285, 6538-51	36
1963	Core 1-derived O-glycans are essential E-selectin ligands on neutrophils. 2010 , 107, 9204-9	60
1962	Adenosine receptor A2A deficiency in leukocytes increases arterial neointima formation in apolipoprotein E-deficient mice. 2010 , 30, 915-22	18
1961	Vasodilator-stimulated phosphoprotein regulates inside-out signaling of beta2 integrins in neutrophils. 2010 , 184, 6575-84	16
1960	LFA-1 and Mac-1 define characteristically different intraluminal crawling and emigration patterns for monocytes and neutrophils in situ. 2010 , 185, 7057-66	123
1959	Matrix architecture dictates three-dimensional migration modes of human macrophages: differential involvement of proteases and podosome-like structures. 2010 , 184, 1049-61	249
1958	Differential roles for endothelial ICAM-1, ICAM-2, and VCAM-1 in shear-resistant T cell arrest, polarization, and directed crawling on blood-brain barrier endothelium. 2010 , 185, 4846-55	169
1957	ILK mediates LPS-induced vascular adhesion receptor expression and subsequent leucocyte trans-endothelial migration. 2010 , 86, 283-92	31
1956	Inflammatory cell recruitment in cardiovascular disease: murine models and potential clinical applications. 2010 , 118, 641-55	41
1955	The differential role of L-selectin and ICAM-1 in Th1-type and Th2-type contact hypersensitivity. 2010 , 130, 1558-70	23
1954	Molecular regulators of leucocyte chemotaxis during inflammation. 2010 , 86, 183-91	57
1953	Chemokine homeostasis vs. chemokine presentation during severe acute lung injury: the other side of the Duffy antigen receptor for chemokines. 2010 , 298, L462-71	23
1952	Direct-contact co-culture between smooth muscle and endothelial cells inhibits TNF-alpha-mediated endothelial cell activation. 2010 , 299, H338-46	37
1951	The role of chemokines in the recruitment of lymphocytes to the liver. 2010 , 28, 31-44	99
1950	Chemokine arrest signals to leukocyte integrins trigger bi-directional-occupancy of individual heterodimers by extracellular and cytoplasmic ligands. 2010 , 4, 211-4	9

1949	The cytoplasmic domains of TNFalpha-converting enzyme (TACE/ADAM17) and L-selectin are regulated differently by p38 MAPK and PKC to promote ectodomain shedding. 2010 , 428, 293-304	69
1948	Modulating immune responses and inflammation. 2010 , 36, 219-22	2
1947	Multiple roles for RhoA during T cell transendothelial migration. 2010 , 1, 174-179	44
1946	Identification of novel small-molecule agonists for human formyl peptide receptors and pharmacophore models of their recognition. 2010 , 77, 159-70	44
1945	Acute hypoxia induces HIF-independent monocyte adhesion to endothelial cells through increased intercellular adhesion molecule-1 expression: the role of hypoxic inhibition of prolyl hydroxylase activity for the induction of NF-kappa B. 2010 , 185, 1786-93	56
1944	Chemerin contributes to inflammation by promoting macrophage adhesion to VCAM-1 and fibronectin through clustering of VLA-4 and VLA-5. 2010 , 185, 3728-39	119
1943	The bone marrow: a site of neutrophil clearance. 2010 , 88, 241-51	107
1942	Inflammation and the Microcirculation. 2010 , 2, 1-87	61
1941	Chemokines in angiogenesis. 2010 , 341, 59-80	65
1940	Quantum dots modulate leukocyte adhesion and transmigration depending on their surface modification. 2010 , 10, 3656-64	32
1939	Enhanced tumor cell isolation by a biomimetic combination of E-selectin and anti-EpCAM: implications for the effective separation of circulating tumor cells (CTCs). 2010 , 26, 8589-96	72
1938	Overview of the immune response. 2010 , 125, S3-23	800
1937	Efalizumab modulates T cell function both in vivo and in vitro. 2010 , 60, 159-66	11
1936	The Pathophysiological Relevance of Monocyte-platelet Interactions in Inflammatory Disease. 2010 , 2, 262-268	3
1935	A semianalytical model to study the effect of cortical tension on cell rolling. 2010 , 99, 3870-9	20
1934	Rolling cell adhesion. 2010 , 26, 363-96	243
1933	Regulation of CCL2 and CCL3 expression in human brain endothelial cells by cytokines and lipopolysaccharide. 2010 , 7, 1	98
1932	Targeting multifunctional proteins by virtual screening: structurally diverse cytohesin inhibitors with differentiated biological functions. 2010 , 5, 839-49	31

1931	Tunable leuko-polymersomes that adhere specifically to inflammatory markers. 2010 , 26, 14089-96	67
1930	N-glycan analysis of recombinant L-Selectin reveals sulfated GalNAc and GalNAc-GalNAc motifs. 2010 , 9, 3403-11	41
1929	Imaging leukocyte trafficking in vivo with two-photon-excited endogenous tryptophan fluorescence. 2010 , 18, 988-99	44
1928	Neutrophils: game changers in glomerulonephritis?. 2010 , 16, 368-78	37
1927	Endothelial cell-selective adhesion molecule modulates atherosclerosis through plaque angiogenesis and monocyte-endothelial interaction. 2010 , 80, 179-87	35
1926	Inactivation of I kappaB-kinase-beta dependent genes in airway epithelium reduces tobacco smoke induced acute airway inflammation. 2010 , 10, 906-12	6
1925	The role of chemokines in the recruitment of lymphocytes to the liver. 2010 , 34, 45-54	85
1924	The role of kindlins in cell biology and relevance to human disease. 2010 , 42, 595-603	65
1923	In vivo growth inhibition of head and neck squamous cell carcinoma by the Interferon-inducible gene IFI16. 2010 , 287, 33-43	17
1922	Cancer dissemination--lessons from leukocytes. 2010 , 19, 13-26	143
1921	A membranous form of ICAM-1 on exosomes efficiently blocks leukocyte adhesion to activated endothelial cells. 2010 , 397, 251-6	56
1920	Are formyl peptide receptors novel targets for therapeutic intervention in ischaemia-reperfusion injury?. 2010 , 31, 266-76	64
1919	Crotoxin is responsible for the long-lasting anti-inflammatory effect of Crotalus durissus terrificus snake venom: involvement of formyl peptide receptors. 2010 , 55, 1100-6	31
1918	Aged Beagle dogs have decreased neutrophil phagocytosis and neutrophil-related gene expression compared to younger dogs. 2010 , 137, 130-5	15
1917	T cell migration into the central nervous system during health and disease: Different molecular keys allow access to different central nervous system compartments. 2010 , 1, 79-93	55
1916	PI3K signaling in neutrophils. 2010 , 346, 183-202	72
1915	Leukocyte Trafficking. 2010 , 271-284	2
1914	Monocytes in atherosclerosis: subsets and functions. 2010 , 7, 77-86	617

1913	Chronic morphine administration delays wound healing by inhibiting immune cell recruitment to the wound site. 2010 , 176, 786-99	83
1912	Tumor necrosis factor-induced neutrophil adhesion occurs via sphingosine kinase-1-dependent activation of endothelial $\alpha_5\beta_1$ integrin. 2010 , 177, 436-46	31
1911	Identifying homing interactions in T-cell traffic in human disease. 2010 , 616, 231-52	9
1910	Melanocortins: Multiple Actions and Therapeutic Potential. 2010 ,	2
1909	The Chemokine System in Experimental and Clinical Hematology. 2010 ,	5
1908	Targeting the recruitment of monocytes and macrophages in renal disease. 2010 , 30, 318-33	57
1907	Melanocortin control of cell trafficking in vascular inflammation. 2010 , 681, 88-106	14
1906	The Cell Biology of Stem Cells. 2010 ,	2
1905	An arrayed high-content chemotaxis assay for patient diagnosis. 2010 , 2, 630-8	51
1904	Dendritic polyglycerol sulfates as multivalent inhibitors of inflammation. 2010 , 107, 19679-84	218
1903	TLR4 and HMGB1: partners in crime?. 2011 , 80, 450-2	18
1902	Characterization of chemokines and adhesion molecules associated with T cell presence in tertiary lymphoid structures in human lung cancer. 2011 , 71, 6391-9	196
1901	Thioredoxin increases exocytosis by denitrosylating N-ethylmaleimide-sensitive factor. 2011 , 286, 11179-84	23
1900	Monocyte and macrophage dynamics during atherogenesis. 2011 , 31, 1506-16	390
1899	Biomarkers in acute lung injury--marking forward progress. 2011 , 27, 661-83	55
1898	Mediators of systemic inflammatory response syndrome and the role of recombinant activated protein C in sepsis syndrome. 2011 , 25, 835-50	9
1897	A 3-D capillary-endothelium-mimetic microfluidic chip for studying the extravasation behaviour of neutrophils. 2011 ,	
1896	CXCL17 and ICAM2 are associated with a potential anti-tumor immune response in early intraepithelial stages of human pancreatic carcinogenesis. 2011 , 140, 310-21	101

1895	Shear stress regulates adhesion and rolling of CD44+ leukemic and hematopoietic progenitor cells on hyaluronan. 2011 , 101, 585-93	42
1894	Bistability of cell adhesion in shear flow. 2011 , 101, 1032-40	16
1893	Mechanisms of leukocyte transendothelial migration. 2011 , 6, 323-44	417
1892	Different patterns of peripheral migration by memory CD4+ and CD8+ T cells. 2011 , 477, 216-9	395
1891	The link between vascular features and thrombosis. 2011 , 73, 503-14	67
1890	Hepatocellular carcinoma cells and their fibrotic microenvironment modulate bone marrow-derived mesenchymal stromal cell migration in vitro and in vivo. 2011 , 8, 1538-48	52
1889	Phosphoinositide 3-kinase in Health and Disease. 2011 ,	
1888	Defective neutrophil rolling and transmigration in acute uremia. 2011 , 80, 447-50	9
1887	Stem Cells & Regenerative Medicine. 2011 ,	5
1886	Bone Marrow Mesenchymal Stem Cells in Organ Repair and Strategies to Optimize their Efficacy. 2011 , 299-312	0
1885	The junctional adhesion molecule JAM-C regulates polarized transendothelial migration of neutrophils in vivo. 2011 , 12, 761-9	404
1884	Overview of integrin signaling in the immune system. 2012 , 757, 261-78	30
1883	Handbook of hair in health and disease. 2011 ,	5
1882	Vascular Dysfunction in Heart Disease. 2011 , 283-303	2
1881	Traffic of leukocytes in microfluidic channels with rectangular and rounded cross-sections. 2011 , 11, 3231-40	35
1880	Unrestricted somatic stem cells: interaction with CD34+ cells in vitro and in vivo, expression of homing genes and exclusion of tumorigenic potential. 2011 , 13, 357-65	11
1879	Protein tyrosine kinases in neutrophil activation and recruitment. 2011 , 510, 112-9	27
1878	Functional contributions of N- and O-glycans to L-selectin ligands in murine and human lymphoid organs. 2011 , 178, 423-33	21

1877	Direct leukocyte migration across pulmonary arterioles and venules into the perivascular interstitium of murine lungs during bleomycin injury and repair. 2011 , 178, 2560-72	6
1876	Protein C concentrate controls leukocyte recruitment during inflammation and improves survival during endotoxemia after efficient in vivo activation. 2011 , 179, 2637-50	18
1875	Suppression subtractive hybridization coupled with microarray analysis to examine differential expression of genes in Japanese flounder <i>Paralichthys olivaceus</i> leucocytes during <i>Edwardsiella tarda</i> and viral hemorrhagic septicemia virus infection. 2011 , 31, 524-32	9
1874	Disruption of central nervous system barriers in multiple sclerosis. 2011 , 1812, 252-64	212
1873	The blood-brain barrier, chemokines and multiple sclerosis. 2011 , 1812, 220-30	177
1872	Renal tubular fluid shear stress promotes endothelial cell activation. 2011 , 407, 813-7	11
1871	Visualizing the neutrophil response to sterile tissue injury in mouse dermis reveals a three-phase cascade of events. 2011 , 131, 2058-68	138
1870	The neutrophil in vascular inflammation. 2011 , 17, 1381-90	484
1869	Synthetic LXR agonist T0901317 attenuates lipopolysaccharide-induced acute lung injury in rats. 2011 , 11, 2098-103	33
1868	Neutrophils cascading their way to inflammation. 2011 , 32, 452-60	372
1867	Emerging mechanisms of neutrophil recruitment across endothelium. 2011 , 32, 461-9	183
1866	Hematopoietic stem and progenitor cell trafficking. 2011 , 32, 493-503	119
1865	Mechanisms underlying the localisation of mast cells in tissues. 2011 , 32, 478-85	91
1864	Microfluidic devices for modeling cell-cell and particle-cell interactions in the microvasculature. 2011 , 82, 210-20	71
1863	B-cell subsets up-regulate α 4 integrin and accumulate in the cerebrospinal fluid in clinically isolated syndrome suggestive of multiple sclerosis onset. 2011 , 487, 273-7	23
1862	Effects of chlorogenic acid on neutrophil locomotion functions in response to inflammatory stimulus. 2011 , 135, 261-9	24
1861	Response of proinflammatory and anti-inflammatory cytokines in calves with subclinical bovine viral diarrhea challenged with bovine herpesvirus-1. 2011 , 144, 135-43	23
1860	High intravascular tissue factor expression in dogs with idiopathic immune-mediated haemolytic anaemia. 2011 , 144, 346-54	23

1859	GDF-15 is an inhibitor of leukocyte integrin activation required for survival after myocardial infarction in mice. 2011 , 17, 581-8	316
1858	CD97 antibody depletes granulocytes in mice under conditions of acute inflammation via a Fc receptor-dependent mechanism. 2011 , 89, 413-21	13
1857	Regulation of integrins by conformation and traffic: it takes two to tango. 2011 , 7, 2539-46	8
1856	Small molecule-mediated activation of the integrin CD11b/CD18 reduces inflammatory disease. 2011 , 4, ra57	84
1855	Developmental Immunology and Role of Host Defenses in Fetal and Neonatal Susceptibility to Infection. 2011 , 80-191	10
1854	Homing of progenitor cells to ischemic tissues. 2011 , 15, 967-80	42
1853	Small-interfering RNA-eluting surfaces as a novel concept for intravascular local gene silencing. 2011 , 17, 1213-22	18
1852	Acute Phase Proteins as Biomarkers of Disease: From Bench to Clinical Practice. 2011 ,	
1851	Resistance to Recombinant Human Erythropoietin Therapy in Haemodialysis Patients. 2011 ,	
1850	Small interfering RNA efficiently suppresses adhesion molecule expression on pulmonary microvascular endothelium. 2011 , 2011, 694789	4
1849	Intravital imaging of phagocyte recruitment. 2011 , 105, 802-10	28
1848	Seeing is believing: an update on modalities to image inflammation in vivo. 2011 , 105, 774-5	0
1847	Sepsis. 2011 , 1413-1429	4
1846	Hydrodynamic regulation of monocyte inflammatory response to an intracellular pathogen. 2011 , 6, e14492	8
1845	Abrogation of junctional adhesion molecule-A expression induces cell apoptosis and reduces breast cancer progression. 2011 , 6, e21242	41
1844	Increased recruitment but impaired function of leukocytes during inflammation in mouse models of type 1 and type 2 diabetes. 2011 , 6, e22480	33
1843	The shedding of CD62L (L-selectin) regulates the acquisition of lytic activity in human tumor reactive T lymphocytes. 2011 , 6, e22560	64
1842	Preventive and therapeutic euphol treatment attenuates experimental colitis in mice. 2011 , 6, e27122	50

1841	Combined boyden-flow cytometry assay improves quantification and provides phenotypification of leukocyte chemotaxis. 2011 , 6, e28771	8
1840	Dendritic cells take up and present antigens from viable and apoptotic polymorphonuclear leukocytes. 2011 , 6, e29300	21
1839	Neutrophilic granulocytes - promiscuous accelerators of atherosclerosis. 2011 , 106, 839-48	43
1838	Biomechanics of leukocyte rolling. 2011 , 48, 1-35	88
1837	Abstracts. 2011 , 48, 4-356	
1836	Imaging leukocyte adhesion to the vascular endothelium at high intraluminal pressure. 2011 ,	10
1835	Mesenchymal stromal cells: a promising cell source for the treatment of inflammatory cardiomyopathy. 2011 , 17, 3295-307	12
1834	Aging of the Innate Immune System: An Update. 2011 , 7, 104-115	86
1833	The GTPase-activating protein ARAP3 regulates chemotaxis and adhesion-dependent processes in neutrophils. 2011 , 118, 1087-98	40
1832	Endothelial LSP1 is involved in endothelial dome formation, minimizing vascular permeability changes during neutrophil transmigration in vivo. 2011 , 117, 942-52	66
1831	Myeloperoxidase attracts neutrophils by physical forces. 2011 , 117, 1350-8	121
1830	The integrin LFA-1 signals through ZAP-70 to regulate expression of high-affinity LFA-1 on T lymphocytes. 2011 , 117, 3331-42	62
1829	Rac regulates PtdInsPE ₃ signaling and the chemotactic compass through a redox-mediated feedback loop. 2011 , 118, 6164-71	56
1828	MPO and neutrophils: a magnetic attraction. 2011 , 117, 1103-4	15
1827	Adam17-dependent shedding limits early neutrophil influx but does not alter early monocyte recruitment to inflammatory sites. 2011 , 118, 786-94	43
1826	CD81 is essential for the formation of membrane protrusions and regulates Rac1-activation in adhesion-dependent immune cell migration. 2011 , 118, 1818-27	56
1825	Neutrophils bridled by GAPs. 2011 , 118, 832-4	
1824	Switching globin, raising red cells. 2011 , 118, 834-6	1

1823	Review: leucocyte-endothelial cell crosstalk at the blood-brain barrier: a prerequisite for successful immune cell entry to the brain. 2011 , 37, 24-39	174
1822	Neutrophils of rheumatoid arthritis patients on anti-TNF- α therapy and in disease remission present reduced adhesive functions in association with decreased circulating neutrophil-attractant chemokine levels. 2011 , 73, 309-18	21
1821	Improvements in endotoxemic syndromes using a disintegrin, rhodostomin, through integrin α 5 β 1-dependent pathway. 2011 , 9, 593-602	21
1820	Ascidian dermatan sulfates attenuate metastasis, inflammation and thrombosis by inhibition of P-selectin. 2011 , 9, 1807-15	62
1819	Live cell imaging of paxillin in rolling neutrophils by dual-color quantitative dynamic footprinting. 2011 , 18, 361-72	11
1818	CCL8 and skin T cells--an allergic attraction. 2011 , 12, 111-2	19
1817	Immunity against Staphylococcus aureus cutaneous infections. <i>Nature Reviews Immunology</i> , 2011 , 11, 505-18	36.5 265
1816	Monocyte recruitment during infection and inflammation. <i>Nature Reviews Immunology</i> , 2011 , 11, 762-74	36.5 1703
1815	Single-nucleotide polymorphisms in the TNF gene are associated with obesity-related phenotypes in vervet monkeys. 2011 , 19, 1427-32	4
1814	Comparison of immortalized bEnd5 and primary mouse brain microvascular endothelial cells as in vitro blood-brain barrier models for the study of T cell extravasation. 2011 , 31, 315-27	73
1813	Modeling inflammation and microvascular dysfunction. 2011 , 1245, 34-5	2
1812	Leveraging the power of ultrasound for therapeutic design and optimization. 2011 , 156, 297-306	36
1811	Inverse agonism of cannabinoid CB1 receptor blocks the adhesion of encephalitogenic T cells in inflamed brain venules by a protein kinase A-dependent mechanism. 2011 , 233, 97-105	18
1810	Innate immune cell recruitment in the fetus and neonate. 2011 , 90, 74-81	35
1809	Sensing sterile injury: opportunities for pharmacological control. 2011 , 132, 204-14	12
1808	Leukocyte rolling on engineered nanodot surfaces. 2011 , 6, 301	
1807	Chemokine triggered integrin activation and actin remodeling events guiding lymphocyte migration across vascular barriers. 2011 , 317, 632-41	70
1806	Comparative analysis of the role of small G proteins in cell migration and cell death: cytoprotective and promigratory effects of RalA. 2011 , 317, 2007-18	12

1805	Homing-associated molecules CD73 and VAP-1 as targets to prevent harmful inflammations and cancer spread. 2011 , 585, 1543-50	24
1804	A neuronal transmembrane protein LRFN4 induces monocyte/macrophage migration via actin cytoskeleton reorganization. 2011 , 585, 2377-84	15
1803	CD3+CD4-CD8- (double negative) T cells: saviours or villains of the immune response?. 2011 , 82, 333-40	122
1802	Amyotrophic lateral sclerosis: a neurovascular disease. 2011 , 1398, 113-25	85
1801	Breaking down the barrier: the effects of HIV-1 on the blood-brain barrier. 2011 , 1399, 96-115	148
1800	Endothelial activation drives lateral migration and diapedesis of leukocytes. 2011 , 271, 180-3	5
1799	Primed status of transitional B cells associated with their presence in the cerebrospinal fluid in early phases of multiple sclerosis. 2011 , 139, 12-20	17
1798	Leukocyte ligands for endothelial selectins: specialized glycoconjugates that mediate rolling and signaling under flow. 2011 , 118, 6743-51	340
1797	Dissociation of VE-PTP from VE-cadherin is required for leukocyte extravasation and for VEGF-induced vascular permeability in vivo. 2011 , 208, 2393-401	144
1796	Phagosome dynamics during phagocytosis by neutrophils. 2011 , 90, 271-84	176
1795	The paradox of the neutrophil's role in tissue injury. 2011 , 89, 359-72	196
1794	Modulation of peripheral sensory neurons by the immune system: implications for pain therapy. 2011 , 63, 860-81	135
1793	Protective effects of black cumin (<i>Nigella sativa</i>) oil on TNBS-induced experimental colitis in rats. 2011 , 56, 721-30	42
1792	The road less traveled: regulation of leukocyte migration across vascular and lymphatic endothelium by galectins. 2011 , 31, 2-9	21
1791	Signaling mechanism of cell adhesion molecules in breast cancer metastasis: potential therapeutic targets. 2011 , 128, 7-21	79
1790	Educational paper: Defects in number and function of neutrophilic granulocytes causing primary immunodeficiency. 2011 , 170, 1369-76	13
1789	The advent of monoclonal antibodies in the treatment of chronic autoimmune diseases. 2011 , 31 Suppl 3, 283-8	18
1788	Microfluidic chip for spatially and temporally controlled biochemical gradient generation in standard cell-culture Petri dishes. 2011 , 11, 763-771	6

1787	Cellular and molecular choreography of neutrophil recruitment to sites of sterile inflammation. 2011 , 89, 1079-88	59
1786	Protein kinase C isoforms in neutrophil adhesion and activation. 2011 , 59, 79-87	57
1785	The cystic fibrosis neutrophil: a specialized yet potentially defective cell. 2011 , 59, 97-112	61
1784	Hematopoietic stem cell homing to injured tissues. 2011 , 7, 672-82	58
1783	Microfluidics for Applications in Cell Mechanics and Mechanobiology. 2011 , 4, 591-602	29
1782	The immune system, the skin, and childhood rheumatic disease. 2011 , 13, 103-9	1
1781	The macrophage at the intersection of immunity and metabolism in obesity. 2011 , 3, 29	25
1780	Comparison of humoral neuroinflammation and adhesion molecule expression in two models of experimental intracerebral hemorrhage. 2011 , 3, 11	27
1779	Dynamic reorganization of flotillins in chemokine-stimulated human T-lymphocytes. 2011 , 12, 28	29
1778	Nitric oxide/cGMP pathway signaling actively down-regulates β 1-integrin affinity: an unexpected mechanism for inducing cell de-adhesion. 2011 , 12, 28	26
1777	RAGE and ICAM-1 differentially control leukocyte recruitment during acute inflammation in a stimulus-dependent manner. 2011 , 12, 56	27
1776	Rap1a activation by CalDAG-GEFI and p38 MAPK is involved in E-selectin-dependent slow leukocyte rolling. 2011 , 41, 2074-85	73
1775	Revisiting the protective and pathogenic roles of neutrophils: Ly-6G is key!. 2011 , 41, 2535-8	16
1774	Regulating inflammation: ADAM8--a new player in the game. 2011 , 41, 3419-22	11
1773	Extracellular matrix and matrix receptors in blood-brain barrier formation and stroke. 2011 , 71, 1018-39	231
1772	Homing of endogenous stem/progenitor cells for in situ tissue regeneration: Promises, strategies, and translational perspectives. 2011 , 32, 3189-209	275
1771	Enhancing Cell therapies from the Outside In: Cell Surface Engineering Using Synthetic Nanomaterials. 2011 , 6, 309-325	181
1770	In vivo hydroquinone exposure alters circulating neutrophil activities and impairs LPS-induced lung inflammation in mice. 2011 , 288, 1-7	28

1769	Suppression of endothelial P-selectin expression contributes to reduced cell trafficking in females: an effect independent of NO and prostacyclin. 2011 , 31, 1075-83	13
1768	Experimental strategies in autoimmunity: antagonists of cytokines and their receptors, nanocarriers, inhibitors of immunoproteasome, leukocyte migration and protein kinases. 2011 , 17, 3094-107	9
1767	The serpinopathies studying serpin polymerization in vivo. 2011 , 501, 421-66	32
1766	Control of secondary granule release in neutrophils by Ral GTPase. 2011 , 286, 11724-33	9
1765	Cell adhesion, inflammation and therapy: old ideas and a significant step forward. 2011 , 32, 1431-2	6
1764	The non-receptor tyrosine kinase Lyn controls neutrophil adhesion by recruiting the CrkL-C3G complex and activating Rap1 at the leading edge. 2011 , 124, 2153-64	21
1763	Cleavage of the CD11b extracellular domain by the leukocyte serprocidins is critical for neutrophil detachment during chemotaxis. 2011 , 117, 4885-94	45
1762	Cortactin deficiency is associated with reduced neutrophil recruitment but increased vascular permeability in vivo. 2011 , 208, 1721-35	114
1761	Mimicking the inflammatory cell adhesion cascade by nucleic acid aptamer programmed cell-cell interactions. 2011 , 25, 3045-56	38
1760	Distinct CCR2(+) Gr1(+) cells control growth of the Yersinia pestis Δ opM mutant in liver and spleen during systemic plague. 2011 , 79, 674-87	23
1759	Docosahexaenoic acid inhibits the adhesion of flowing neutrophils to cytokine stimulated human umbilical vein endothelial cells. 2011 , 141, 1331-4	28
1758	α 4 β 1 Integrin activation prevents alternative activation of human and murine macrophages and impedes foam cell formation. 2011 , 108, 544-54	41
1757	Association of variation at the ABO locus with circulating levels of soluble intercellular adhesion molecule-1, soluble P-selectin, and soluble E-selectin: a meta-analysis. 2011 , 4, 681-6	59
1756	The gap junction protein Cx43 regulates B-lymphocyte spreading and adhesion. 2011 , 124, 2611-21	39
1755	Editorial: Cytohesin-1, on the tail of two integrins. 2011 , 89, 807-9	1
1754	Pyk2 is required for neutrophil degranulation and host defense responses to bacterial infection. 2011 , 186, 1656-65	47
1753	Kidney and Pancreas Transplantation. 2011 ,	1
1752	Contribution of neutrophils to acute lung injury. 2011 , 17, 293-307	827

1751	Sorting the signals from the signals in the noisy environment of inflammation. 2011 , 4, pe23	6
1750	RGS10 restricts upregulation by chemokines of T cell adhesion mediated by $\alpha 1$ and $\beta 2$ integrins. 2011 , 187, 1264-72	27
1749	DC mobilization from the skin requires docking to immobilized CCL21 on lymphatic endothelium and intralymphatic crawling. 2011 , 208, 2141-53	185
1748	Dexamethasone arterializes venous endothelial cells by inducing mitogen-activated protein kinase phosphatase-1: a novel antiinflammatory treatment for vein grafts?. 2011 , 123, 524-32	30
1747	Identification of phosphoproteins associated with human neutrophil granules following chemotactic peptide stimulation. 2011 , 10, M110.001552	15
1746	Urokinase-type plasminogen activator promotes paracellular transmigration of neutrophils via Mac-1, but independently of urokinase-type plasminogen activator receptor. 2011 , 124, 1848-59	33
1745	In vivo-transmigrated human neutrophils are resistant to antiapoptotic stimulation. 2011 , 90, 1055-63	19
1744	Adhesion molecules: key players in Mesenchymal stem cell-mediated immunosuppression. 2011 , 5, 20-2	45
1743	C-reactive protein-derived peptide 201-206 inhibits neutrophil adhesion to endothelial cells and platelets through CD32. 2011 , 90, 1167-75	21
1742	Monocyte migration to the synovium in rheumatoid arthritis patients treated with adalimumab. 2011 , 70, 1160-2	38
1741	Real-time analysis of the inside-out regulation of lymphocyte function-associated antigen-1 revealed similarities to and differences from very late antigen-4. 2011 , 286, 20375-86	12
1740	Vascular inflammation in central nervous system diseases: adhesion receptors controlling leukocyte-endothelial interactions. 2011 , 89, 539-56	105
1739	The integrins Mac-1 and $\alpha 4\beta 1$ perform crucial roles in neutrophil and T cell recruitment to lungs during <i>Streptococcus pneumoniae</i> infection. 2011 , 186, 5907-15	49
1738	A novel leukocyte adhesion deficiency III variant: kindlin-3 deficiency results in integrin- and nonintegrin-related defects in different steps of leukocyte adhesion. 2011 , 186, 5273-83	49
1737	Beyond thrombosis: the versatile platelet in critical illness. 2011 , 139, 658-668	77
1736	NHE-1 and $\alpha 1$ integrin dependent monocyte adhesion and migration after glucose, insulin or PPAR γ stimulation. 2011 , 5, 258-65	5
1735	On, around, and through: neutrophil-endothelial interactions in innate immunity. 2011 , 26, 334-47	63
1734	Mechanisms of T-cell migration across the BBB. 2011 , 6, 375-388	

1733	Macrophage migration inhibitory factor and CD74 regulate macrophage chemotactic responses via MAPK and Rho GTPase. 2011 , 186, 4915-24	73
1732	The CD157-integrin partnership controls transendothelial migration and adhesion of human monocytes. 2011 , 286, 18681-91	37
1731	Determining beta2-integrin and intercellular adhesion molecule 1 binding kinetics in tumor cell adhesion to leukocytes and endothelial cells by a gas-driven micropipette assay. 2011 , 286, 34777-87	27
1730	Cytoplasmic domain of P-selectin glycoprotein ligand-1 facilitates dimerization and export from the endoplasmic reticulum. 2011 , 286, 9577-86	8
1729	Common lymphatic endothelial and vascular endothelial receptor-1 mediates the transmigration of regulatory T cells across human hepatic sinusoidal endothelium. 2011 , 186, 4147-55	107
1728	Exchange protein directly activated by cAMP 1 (Epac1) is expressed in human neutrophils and mediates cAMP-dependent activation of the monomeric GTPase Rap1. 2011 , 90, 741-9	12
1727	A subclass of acylated anti-inflammatory mediators usurp Toll-like receptor 2 to inhibit neutrophil recruitment through peroxisome proliferator-activated receptor gamma. 2011 , 108, 16357-62	11
1726	In vivo functional analysis and genetic modification of in vitro-derived mouse neutrophils. 2011 , 25, 1972-82	25
1725	Sphingosine-1-phosphate lyase deficiency produces a pro-inflammatory response while impairing neutrophil trafficking. 2011 , 286, 7348-58	138
1724	The spatial and developmental relationships in the macrophage family. 2011 , 31, 1517-22	22
1723	Acute loss of renal function attenuates slow leukocyte rolling and transmigration by interfering with intracellular signaling. 2011 , 80, 493-503	31
1722	Naive, effector and memory CD8 T-cell trafficking: parallels and distinctions. 2011 , 3, 1223-33	89
1721	Histamine regulates autoreactive T cell activation and adhesiveness in inflamed brain microcirculation. 2011 , 89, 259-67	20
1720	Major contribution of the P2Y ₆ receptor in purinergic regulation of TNF-induced vascular inflammation. 2011 , 123, 2404-13	64
1719	Alteration of connexin expression is an early signal for chronic kidney disease. 2011 , 301, F24-32	37
1718	Therapeutic implications of mesenchymal stem cells in liver injury. 2011 , 2011, 860578	61
1717	The Ebola virus soluble glycoprotein (sGP) does not affect lymphocyte apoptosis and adhesion to activated endothelium. 2011 , 204 Suppl 3, S947-52	5
1716	Substrate stiffening promotes endothelial monolayer disruption through enhanced physical forces. 2011 , 300, C146-54	167

1715	Stabilizing the VE-cadherin-catenin complex blocks leukocyte extravasation and vascular permeability. 2011 , 30, 4157-70	201
1714	Vitamin D and the Cardiovascular System. 2011 , 541-563	1
1713	Chemokines and the signaling modules regulating integrin affinity. 2012 , 3, 127	47
1712	Renal tubular fluid shear stress facilitates monocyte activation toward inflammatory macrophages. 2012 , 302, F1409-17	13
1711	Live <i>Brugia malayi</i> microfilariae inhibit transendothelial migration of neutrophils and monocytes. 2012 , 6, e1914	16
1710	Host defense and tolerance: unique challenges in the placenta. 2012 , 8, e1002804	32
1709	Innate immune cells in liver inflammation. 2012 , 2012, 949157	128
1708	Diverse roles of macrophages in atherosclerosis: from inflammatory biology to biomarker discovery. 2012 , 2012, 693083	120
1707	Differential regulation of CD4+ T cell adhesion to cerebral microvascular endothelium by the chemokines CCL2 and CCL3. 2012 , 13, 16119-40	15
1706	Molecular signaling involved in oxysterol-induced β Integrin over-expression in human macrophages. 2012 , 13, 14278-93	10
1705	Lung endothelial cell platelet-activating factor production and inflammatory cell adherence are increased in response to cigarette smoke component exposure. 2012 , 302, L47-55	22
1704	Cancer cell adhesion and metastasis: selectins, integrins, and the inhibitory potential of heparins. 2012 , 2012, 676731	283
1703	The Rho-guanine nucleotide exchange factor Trio controls leukocyte transendothelial migration by promoting docking structure formation. 2012 , 23, 2831-44	65
1702	Disease severity in patients infected with <i>Leishmania mexicana</i> relates to IL-1 β 2012 , 6, e1533	47
1701	Crucial role of CD40 signaling in vascular wall cells in neointimal formation and vascular remodeling after vascular interventions. 2012 , 32, 50-64	32
1700	CXCL1-triggered interaction of LFA1 and ICAM1 control glucose-induced leukocyte recruitment during inflammation in vivo. 2012 , 2012, 739176	10
1699	CD8+ T-cells expressing interferon gamma or perforin play antagonistic roles in heart injury in experimental <i>Trypanosoma cruzi</i> -elicited cardiomyopathy. 2012 , 8, e1002645	74
1698	Shining a light on intestinal traffic. 2012 , 2012, 808157	7

1697	Statins decrease neuroinflammation and prevent cognitive impairment after cerebral malaria. 2012 , 8, e1003099	70
1696	The impact of endogenous annexin A1 on glucocorticoid control of inflammatory arthritis. 2012 , 71, 1872-80	59
1695	Molecular MRI enables early and sensitive detection of brain metastases. 2012 , 109, 6674-9	119
1694	Mechanisms of neutrophil transmigration across the vascular endothelium in COPD. 2012 , 67, 553-61	26
1693	Intercellular adhesion molecule 1 engagement modulates sphingomyelinase and ceramide, supporting uptake of drug carriers by the vascular endothelium. 2012 , 32, 1178-85	50
1692	Lessons from rare maladies: leukocyte adhesion deficiency syndromes. 2013 , 20, 16-25	73
1691	Novel insights into leukocyte extravasation. 2012 , 19, 212-7	52
1690	Activation of endothelial TLR2 by bacterial lipoprotein upregulates proteins specific for the neutrophil response. 2012 , 18, 602-16	48
1689	Receptor cleavage and P-selectin-dependent reduction of leukocyte adhesion in the spontaneously hypertensive rat. 2012 , 92, 183-94	12
1688	Disruption of platelet-derived chemokine heteromers prevents neutrophil extravasation in acute lung injury. 2012 , 185, 628-36	160
1687	Circulating soluble intercellular adhesion molecule 1 and subclinical atherosclerosis: the Coronary Artery Risk Development in Young Adults Study. 2012 , 58, 411-20	51
1686	Angiopoietin-1 and vascular endothelial growth factor regulation of leukocyte adhesion to endothelial cells: role of nuclear receptor-77. 2012 , 32, 1707-16	24
1685	Neutrophils, reverse traffic and detrimental potential. 2012 , 9, 99-100	
1684	Label-free in vivo flow cytometry in zebrafish using two-photon autofluorescence imaging. 2012 , 37, 2490-2	14
1683	Functional differences between low- and high-affinity CD8(+) T cells in the tumor environment. 2012 , 1, 1239-1247	55
1682	Acceleration of membrane dynamics adjacent to a wall. 2012 , 85, 041408	32
1681	Pathophysiology of pulmonary hypertension in acute lung injury. 2012 , 302, L803-15	78
1680	Engineering Biomaterials for Regenerative Medicine. 2012 ,	12

1679	The effect of soy protein beverages on serum cell adhesion molecule concentrations in prehypertensive/stage 1 hypertensive individuals. 2012 , 31, 100-10	6
1678	Transmigration of effector T lymphocytes: changing the rules. 2011 , 13, 15-6	3
1677	Ikaros changes the face of NuRD remodeling. 2011 , 13, 16-8	7
1676	Extracellular matrix lumican promotes bacterial phagocytosis, and Lum ^{-/-} mice show increased <i>Pseudomonas aeruginosa</i> lung infection severity. 2012 , 287, 35860-72	31
1675	Tight complex formation between Cosmc chaperone and its specific client non-native T-synthase leads to enzyme activity and client-driven dissociation. 2012 , 287, 15317-29	24
1674	Golgi phosphoprotein 3 determines cell binding properties under dynamic flow by controlling Golgi localization of core 2 N-acetylglucosaminyltransferase 1. 2012 , 287, 39564-77	58
1673	Protein kinase C- β s required for murine neutrophil recruitment and adhesion strengthening under flow. 2012 , 188, 4043-51	23
1672	Signal-dependent slow leukocyte rolling does not require cytoskeletal anchorage of P-selectin glycoprotein ligand-1 (PSGL-1) or integrin β 2. 2012 , 287, 19585-98	27
1671	Leukocyte function-associated antigen-1/intercellular adhesion molecule-1 interaction induces a novel genetic signature resulting in T-cells refractory to transforming growth factor- β signaling. 2012 , 287, 27204-16	27
1670	Leukocyte function antigen-1, kindlin-3, and calcium flux orchestrate neutrophil recruitment during inflammation. 2012 , 189, 5954-64	39
1669	Structural insights into calmodulin-regulated L-selectin ectodomain shedding. 2012 , 287, 26513-27	22
1668	Actin polymerization stabilizes β 1 integrin anchors that mediate monocyte adhesion. 2012 , 197, 115-29	33
1667	Human T lymphotropic virus type 1 increases T lymphocyte migration by recruiting the cytoskeleton organizer CRMP2. 2012 , 188, 1222-33	26
1666	Hyaluronan anchored to activated CD44 on central nervous system vascular endothelial cells promotes lymphocyte extravasation in experimental autoimmune encephalomyelitis. 2012 , 287, 33237-51	33
1665	Severe impairment of leukocyte recruitment in ppGalNAcT-1-deficient mice. 2012 , 188, 5674-81	17
1664	Autotaxin through lysophosphatidic acid stimulates polarization, motility, and transendothelial migration of naive T cells. 2012 , 189, 3914-24	72
1663	Tissue stroma as a regulator of leukocyte recruitment in inflammation. 2012 , 91, 385-400	63
1662	Post-transplant liver biopsy and the immune response: lessons for the clinician. 2012 , 8, 645-61	10

1661	Ezrin-radixin-moesin-binding sequence of PSGL-1 glycoprotein regulates leukocyte rolling on selectins and activation of extracellular signal-regulated kinases. 2012 , 287, 10693-10702	27
1660	ADAM17 activation in circulating neutrophils following bacterial challenge impairs their recruitment. 2012 , 92, 667-72	33
1659	Monocyte maturation, HIV susceptibility, and transmigration across the blood brain barrier are critical in HIV neuropathogenesis. 2012 , 91, 401-15	131
1658	Lymphocytes from systemic lupus erythematosus patients display increased spreading on VCAM-1, an effect associated with active renal involvement. 2012 , 21, 632-41	6
1657	The chemokine CCL5 regulates glucose uptake and AMP kinase signaling in activated T cells to facilitate chemotaxis. 2012 , 287, 29406-16	44
1656	β -Acid glycoprotein decreases neutrophil migration and increases susceptibility to sepsis in diabetic mice. 2012 , 61, 1584-91	57
1655	Going against the tide--how encephalitogenic T cells breach the blood-brain barrier. 2012 , 49, 497-509	35
1654	L-selectin and P-selectin are novel biomarkers of cervicovaginal inflammation for preclinical mucosal safety assessment of anti-HIV-1 microbicide. 2012 , 56, 3121-32	11
1653	Neutrophil arrest by LFA-1 activation. 2012 , 3, 157	91
1652	CXCR2: From Bench to Bedside. 2012 , 3, 263	105
1651	Touch of chemokines. 2012 , 3, 175	81
1650	Relocalization of junctional adhesion molecule A during inflammatory stimulation of brain endothelial cells. 2012 , 32, 3414-27	52
1649	Neutrophils cast extracellular traps in response to protozoan parasites. 2012 , 3, 382	58
1648	Cell adhesion molecules in Alzheimer's disease. 2012 , 2, 65-77	16
1647	Hyperglycemia and endothelial dysfunction in atherosclerosis: lessons from type 1 diabetes. 2012 , 2012, 569654	91
1646	Does nuclear factor-kappa B in peripheral mononuclear cells have a prognostic role during acute necrotizing pancreatitis in rats?. 2012 , 48, 34-9	3
1645	Phosphoinositide lipid phosphatase SHIP1 and PTEN coordinate to regulate cell migration and adhesion. 2012 , 23, 1219-30	43
1644	ERK5 protein promotes, whereas MEK1 protein differentially regulates, the Toll-like receptor 2 protein-dependent activation of human endothelial cells and monocytes. 2012 , 287, 26478-94	29

1643	Structure-guided design of a high-affinity platelet integrin $\alpha\text{IIb}\beta_3$ receptor antagonist that disrupts Mg^{2+} binding to the MIDAS. 2012 , 4, 125ra32	67
1642	Non-analgesic effects of opioids: peripheral opioid effects on inflammation and wound healing. 2012 , 18, 6053-69	47
1641	Atherosclerosis as an inflammatory disease. 2012 , 18, 4266-88	180
1640	A role for Rap2 in recycling the extended conformation of LFA-1 during T cell migration. 2012 , 1, 1161-8	30
1639	Neutrophil activation induced by plant lectins: modulation of inflammatory processes. 2012 , 11, 433-41	10
1638	Animal Models of Idiosyncratic, Drug-Induced Liver Injury: Emphasis on the Inflammatory Stress Hypothesis. 2012 , 1	2
1637	Isolation of human umbilical vein endothelial cells and their use in the study of neutrophil transmigration under flow conditions. 2012 , e4032	20
1636	ADAMs and Ectodomain Proteolytic Shedding in Leucocyte Migration: Focus on L-Selectin and ADAM17. 2012 , 8, 103-117	3
1635	Phosphoinositide 3-Kinases and Leukocyte Migration. 2012 , 8, 154-160	2
1634	Ultrasound molecular imaging contrast agent binding to both E- and P-selectin in different species. 2012 , 47, 516-23	45
1633	Remote inflammatory response in liver is dependent on the segmental level of spinal cord injury. 2012 , 72, 1194-201;discussion 1202	21
1632	Update on cancer related issues of mesenchymal stem cell-based therapies. 2012 , 7, 370-80	8
1631	.	2
1630	Circulating biomarkers of diabetic retinopathy: a systematic review and meta-analysis. 2012 , 2, 157-169	3
1629	Constitutively active ezrin increases membrane tension, slows migration, and impedes endothelial transmigration of lymphocytes in vivo in mice. 2012 , 119, 445-53	77
1628	Distinct roles for talin-1 and kindlin-3 in LFA-1 extension and affinity regulation. 2012 , 119, 4275-82	172
1627	C-C motif chemokine CCL3 and canonical neutrophil attractants promote neutrophil extravasation through common and distinct mechanisms. 2012 , 120, 880-90	41
1626	Endothelial cells provide an instructive niche for the differentiation and functional polarization of M2-like macrophages. 2012 , 120, 3152-62	117

1625	Cdc42 regulates neutrophil migration via crosstalk between WASp, CD11b, and microtubules. 2012 , 120, 3563-74	76
1624	Glycogen synthase kinase 3 β inhibition prevents monocyte migration across brain endothelial cells via Rac1-GTPase suppression and down-regulation of active integrin conformation. 2012 , 181, 1414-25	32
1623	Ly6G ligation blocks recruitment of neutrophils via a α 2-integrin-dependent mechanism. 2012 , 120, 1489-98	75
1622	Wall structures of myocardial precapillary arterioles and postcapillary venules reexamined and reconstructed in vitro for studies on barrier functions. 2012 , 302, H51-68	15
1621	Multiple roles for neutrophils in atherosclerosis. 2012 , 110, 875-88	297
1620	Circular, nanostructured and biofunctionalized hydrogel microchannels for dynamic cell adhesion studies. 2012 , 12, 3285-9	28
1619	Models of G-protein-coupled receptor-dependent cardiovascular inflammation. 2012 , 9, e129-e135	
1618	The mammalian actin-binding protein 1 is critical for spreading and intraluminal crawling of neutrophils under flow conditions. 2012 , 188, 4590-601	37
1617	Endogenous regulatory T cells adhere in inflamed dermal vessels via ICAM-1: association with regulation of effector leukocyte adhesion. 2012 , 188, 2179-88	32
1616	Three-dimensional invasion of macrophages is mediated by cysteine cathepsins in protrusive podosomes. 2012 , 42, 3429-41	23
1615	Therapeutic effects of lactosyl derivative Gu-4 in a collagen-induced arthritis rat model. 2012 , 29, 305-13	7
1614	Decreased leukocyte recruitment by inorganic nitrate and nitrite in microvascular inflammation and NSAID-induced intestinal injury. 2012 , 52, 683-692	61
1613	Adrenergic nerves govern circadian leukocyte recruitment to tissues. 2012 , 37, 290-301	315
1612	Tangential tether extraction and spontaneous tether retraction of human neutrophils. 2012 , 103, 2257-64	5
1611	Potent inhibition of Ca ²⁺ -dependent activation of calpain-1 by novel mercaptoacrylates. 2012 , 3, 566-570	20
1610	Crucial role of SLP-76 and ADAP for neutrophil recruitment in mouse kidney ischemia-reperfusion injury. 2012 , 209, 407-21	75
1609	Neutrophils and intravascular immunity in the liver during infection and sterile inflammation. 2012 , 40, 157-65	60
1608	Surface chemistry of quantum dots determines their behavior in postischemic tissue. 2012 , 6, 1370-9	19

1607	Transendothelial migration of lymphocytes mediated by intraendothelial vesicle stores rather than by extracellular chemokine depots. 2011 , 13, 67-76	132
1606	Resolvin D1 limits polymorphonuclear leukocyte recruitment to inflammatory loci: receptor-dependent actions. 2012 , 32, 1970-8	198
1605	NK/NKT Cells and Atherosclerosis. 2012 , 305-330	
1604	Endogenous migration modulators as parent compounds for the development of novel cardiovascular and anti-inflammatory drugs. 2012 , 165, 2044-58	2
1603	Cholesteryl butyrate solid lipid nanoparticles inhibit the adhesion and migration of colon cancer cells. 2012 , 166, 587-601	26
1602	Microfluidic kit-on-a-lid: a versatile platform for neutrophil chemotaxis assays. 2012 , 120, e45-53	64
1601	GPCR activation of Ras and PI3Kc in neutrophils depends on PLCb2/b3 and the RasGEF RasGRP4. 2012 , 31, 3118-29	44
1600	Intestinal lymph-borne factors induce lung release of inflammatory mediators and expression of adhesion molecules after an intestinal ischemic insult. 2012 , 176, 195-201	12
1599	Participation of blood vessel cells in human adaptive immune responses. 2012 , 33, 49-57	103
1598	Actions of translocator protein ligands on neutrophil adhesion and motility induced by G-protein coupled receptor signaling. 2012 , 417, 918-23	12
1597	A neuronal transmembrane protein LRFN4 complexes with 14-3-3s and NCK1 to induce morphological change in monocytic cells via Rac1-mediated actin cytoskeleton reorganization. 2012 , 586, 2251-9	17
1596	Neutrophil function in small animals. 2012 , 42, 157-71	12
1595	The sterile immune response during hepatic ischemia/reperfusion. 2012 , 23, 69-84	122
1594	Intercellular adhesion molecule, plasma adiponectin and albuminuria in type 2 diabetic patients. 2012 , 95, 55-61	19
1593	Functional dissection of Nrf2-dependent phase II genes in vascular inflammation and endotoxic injury using Keap1 siRNA. 2012 , 53, 629-40	43
1592	IRF-1 and miRNA126 modulate VCAM-1 expression in response to a high-fat meal. 2012 , 111, 1054-64	72
1591	Targeted blockade in lethal West Nile virus encephalitis indicates a crucial role for very late antigen (VLA)-4-dependent recruitment of nitric oxide-producing macrophages. 2012 , 9, 246	52
1590	Myeloid cells in tumor inflammation. 2012 , 4, 14	50

1589	A versatile assay for monitoring in vivo-like transendothelial migration of neutrophils. 2012 , 12, 3861-5	77
1588	Vascular binding of a pathogen under shear force through mechanistically distinct sequential interactions with host macromolecules. 2012 , 86, 1116-31	63
1587	Deletion of the complement phagocytic receptors CR3 and CR4 does not alter susceptibility to experimental cerebral malaria. 2012 , 34, 547-50	9
1586	Nonesterified fatty acids modify inflammatory response and eicosanoid biosynthesis in bovine endothelial cells. 2012 , 95, 5011-5023	38
1585	Epinephrine, cortisol, endotoxin, nutrition, and the neutrophil. 2012 , 13, 300-6	10
1584	Mesenchymal stem cells transmigrate between and directly through tumor necrosis factor- α -activated endothelial cells via both leukocyte-like and novel mechanisms. 2012 , 30, 2472-86	139
1583	Human suppressive neutrophils CD16bright/CD62Ldim exhibit decreased adhesion. 2012 , 92, 1011-20	51
1582	Host Response to Biomaterials. 2012 , 143-159	4
1581	Sterile inflammation in the liver. 2012 , 143, 1158-1172	444
1580	Inflammation and Tooth Movement: The Role of Cytokines, Chemokines, and Growth Factors. 2012 , 18, 257-269	31
1579	Regulation of the CD4+ T cell allo-immune response by endothelial cells. 2012 , 73, 1269-74	15
1578	Levels of soluble platelet endothelial cell adhesion molecule-1 and P-selectin are decreased in children with autism spectrum disorder. 2012 , 72, 1020-5	38
1577	Probing the cell membrane by magnetic particle actuation and Euler angle tracking. 2012 , 102, 698-708	24
1576	Intravital microscopy: new insights into cellular interactions. 2012 , 12, 601-7	13
1575	The role of the tumor endothelium in leukocyte recruitment in pancreatic cancer. 2012 , 152, S89-94	5
1574	At the interface of fibrinolysis and inflammation: the role of urokinase-type plasminogen activator in the leukocyte extravasation cascade. 2012 , 22, 192-6	24
1573	A specific subpopulation of mesenchymal stromal cell carriers overrides melanoma resistance to an oncolytic adenovirus. 2012 , 21, 2689-702	26
1572	Toxoplasma gondii and the blood-brain barrier. 2012 , 3, 182-92	47

1571	Glycosaminoglycan and chemokine/growth factor interactions. 2012 , 307-24	55
1570	In vivo imaging implicates CCR2(+) monocytes as regulators of neutrophil recruitment during arthritis. 2012 , 278, 103-12	26
1569	NK cells modulate the inflammatory response to corneal epithelial abrasion and thereby support wound healing. 2012 , 181, 452-62	48
1568	Monocyte-mediated immune defense against murine <i>Listeria monocytogenes</i> infection. 2012 , 113, 119-34	65
1567	Evaluation of Leukocytic Disorders. 2012 , 122-176	10
1566	Maternal Fetal Transmission of Human Viruses and their Influence on Tumorigenesis. 2012 ,	
1565	Clinical value of drugs targeting inflammation for the management of coronary artery disease. 2012 , 28, 678-86	13
1564	Synthetic immunomodulatory peptide IDR-1002 enhances monocyte migration and adhesion on fibronectin. 2012 , 4, 553-68	20
1563	The effects of chemokine, adhesion and extracellular matrix molecules on binding of mesenchymal stromal cells to poly(L-lactic acid). 2012 , 14, 1080-8	8
1562	Endothelial cell's biomechanical properties are regulated by invasive cancer cells. 2012 , 8, 1639-49	25
1561	Current knowledge of acute lung injury and acute respiratory distress syndrome. 2012 , 24, 377-401	3
1560	Integrin and Cell Adhesion Molecules. 2012 ,	2
1559	Endothelial membrane reorganization during leukocyte extravasation. 2012 , 69, 3079-99	40
1558	Inflammation and Atherosclerosis. 2012 ,	3
1557	Shear stress modulation of IL-1 α -induced E-selectin expression in human endothelial cells. 2012 , 7, e31874	40
1556	Fractional flow reserve is not associated with inflammatory markers in patients with stable coronary artery disease. 2012 , 7, e46356	5
1555	Characterization of a distinct population of circulating human non-adherent endothelial forming cells and their recruitment via intercellular adhesion molecule-3. 2012 , 7, e46996	19
1554	Molecular Imaging of Autoimmune Diseases and Inflammation. 2012 , 11, 7290.2011.00045	10

1553	Regulation of Antigen-Experienced T Cells: Lessons from the Quintessential Memory Marker CD44. 2012 , 3, 23	64
1552	Migration of toxoplasma gondii-infected dendritic cells across human retinal vascular endothelium. 2012 , 53, 6856-62	31
1551	ICAM-1: Contribution to Vascular Inflammation and Early Atherosclerosis. 2012 ,	
1550	Anti-inflammatory therapeutic approaches to reduce acute atherosclerotic complications. 2012 , 13, 37-45	15
1549	Neutrophil Activation and Erythrocyte Membrane Protein Composition in Stage 5 Chronic Kidney Disease Patients. 2012 ,	
1548	19F magnetic resonance imaging of endogenous macrophages in inflammation. 2012 , 4, 329-43	86
1547	Enhanced homing permeability and retention of bone marrow stromal cells by noninvasive pulsed focused ultrasound. 2012 , 30, 1216-27	50
1546	Neutrophil function: from mechanisms to disease. 2012 , 30, 459-89	1023
1545	IL-17 and TNF- α sustain neutrophil recruitment during inflammation through synergistic effects on endothelial activation. 2012 , 188, 6287-99	224
1544	Pericytes support neutrophil subendothelial cell crawling and breaching of venular walls in vivo. 2012 , 209, 1219-34	320
1543	EphA2 activation promotes the endothelial cell inflammatory response: a potential role in atherosclerosis. 2012 , 32, 686-95	67
1542	Neutrophil expression of Fas ligand and perforin directs effector CD8 T cell infiltration into antigen-challenged skin. 2012 , 189, 2191-202	37
1541	Human mesenchymal stem cells are recruited to injured liver in a α 1-integrin and CD44 dependent manner. 2012 , 56, 1063-73	48
1540	Chemokines stimulate bidirectional migration of human mesenchymal stem cells across bone marrow endothelial cells. 2012 , 21, 476-86	55
1539	Biomimetic delivery with micro- and nanoparticles. 2012 , 24, 3757-78	134
1538	Role of reactive oxygen and nitrogen species in the vascular responses to inflammation. 2012 , 52, 556-592	203
1537	The role of the tec kinase Bruton's tyrosine kinase (Btk) in leukocyte recruitment. 2012 , 31, 104-18	16
1536	The leukocyte integrin antagonist Del-1 inhibits IL-17-mediated inflammatory bone loss. 2012 , 13, 465-73	290

1535	Modelling experimental uveitis: barrier effects in autoimmune disease. 2012 , 61, 759-73	5
1534	Regulation of neutrophil trafficking from the bone marrow. 2012 , 69, 1415-23	63
1533	Leukocyte integrin activation and deactivation: novel mechanisms of balancing inflammation. 2012 , 90, 353-9	42
1532	Peeking into the secret life of neutrophils. 2012 , 53, 168-81	21
1531	Innate and adaptive immune responses against <i>Staphylococcus aureus</i> skin infections. 2012 , 34, 261-80	97
1530	Neutrophils in innate host defense against <i>Staphylococcus aureus</i> infections. 2012 , 34, 237-59	247
1529	<i>Staphylococcus aureus</i> : an introduction. 2012 , 34, 181-4	16
1528	The role of sugars in dendritic cell trafficking. 2012 , 40, 777-89	7
1527	Glycoengineering of HCELL, the human bone marrow homing receptor: sweetly programming cell migration. 2012 , 40, 766-76	39
1526	Glycomechanics of the metastatic cascade: tumor cell-endothelial cell interactions in the circulation. 2012 , 40, 790-805	52
1525	Leukocyte adhesion deficiencies. 2012 , 1250, 50-5	148
1524	Nutritional vitamin D supplementation in haemodialysis: A potential vascular benefit?. 2012 , 17, 237-42	14
1523	Andrographolide and its analogues: versatile bioactive molecules for combating inflammation and cancer. 2012 , 39, 300-10	157
1522	Mechanistic overview of reactive species-induced degradation of the endothelial glycocalyx during hepatic ischemia/reperfusion injury. 2012 , 52, 1382-402	154
1521	L-selectin--a dynamic regulator of leukocyte migration. 2012 , 91, 257-64	53
1520	Role of cold shock Y-box protein-1 in inflammation, atherosclerosis and organ transplant rejection. 2012 , 91, 567-75	29
1519	Depletion of protein kinase N3 (PKN3) impairs actin and adherens junctions dynamics and attenuates endothelial cell activation. 2012 , 91, 694-705	16
1518	T lymphocyte recruitment into renal cell carcinoma tissue: a role for chemokine receptors CXCR3, CXCR6, CCR5, and CCR6. 2012 , 61, 385-94	64

1517	Dynamics of T cells on endothelial layers aligned by nanostructured surfaces. 2012 , 33, 2007-15	24
1516	Macrophage polarization: an opportunity for improved outcomes in biomaterials and regenerative medicine. 2012 , 33, 3792-802	595
1515	Stem cell membrane engineering for cell rolling using peptide conjugation and tuning of cell-selectin interaction kinetics. 2012 , 33, 5004-12	66
1514	The expanding role of α -3 sialylation for leukocyte trafficking in vivo. 2012 , 1253, 201-5	10
1513	The effect of galectins on leukocyte trafficking in inflammation: sweet or sour?. 2012 , 1253, 181-92	36
1512	Relevance of endothelial junctions in leukocyte extravasation and vascular permeability. 2012 , 1257, 184-92	88
1511	Inflammatory cell trafficking across the blood-brain barrier: chemokine regulation and in vitro models. 2012 , 248, 228-39	210
1510	Redox regulation of cell migration and adhesion. 2012 , 22, 107-15	158
1509	In vivo hydroquinone exposure impairs MCP-1 secretion and monocyte recruitment into the inflamed lung. 2012 , 296, 20-6	13
1508	Leucocyte recruitment in inflammation and novel endogenous negative regulators thereof. 2012 , 42, 686-91	32
1507	Endothelial paxillin and focal adhesion kinase (FAK) play a critical role in neutrophil transmigration. 2012 , 42, 436-46	27
1506	Ectoenzymes controlling leukocyte traffic. 2012 , 42, 284-92	21
1505	Neutrophil-active chemokines in in vivo imaging of neutrophil trafficking. 2012 , 42, 278-83	81
1504	α β integrin is indispensable for CD8+ T-cell recruitment in experimental pancreatic and hepatocellular cancer. 2012 , 130, 2067-76	21
1503	Serum amyloid P inhibits granulocyte adhesion. 2013 , 6, 2	26
1502	Mycoplasma suis infection results endothelial cell damage and activation: new insight into the cell tropism and pathogenicity of hemotrophic mycoplasma. 2013 , 44, 6	18
1501	The complexity of arterial classical monocyte recruitment. 2013 , 5, 358-66	11
1500	Neutrophil interactions with the vascular endothelium. 2013 , 17, 1167-75	36

1499	Podosomes in adhesion, migration, mechanosensing and matrix remodeling. 2013 , 70, 572-89	68
1498	Coronin 1 is dispensable for leukocyte recruitment and liver injury in concanavalin A-induced hepatitis. 2013 , 153, 62-70	8
1497	Neutrophil rolling at high shear: flattening, catch bond behavior, tethers and slings. 2013 , 55, 59-69	52
1496	Potent elastase inhibitors from cyanobacteria: structural basis and mechanisms mediating cytoprotective and anti-inflammatory effects in bronchial epithelial cells. 2013 , 56, 1276-90	57
1495	Calcium, cancer and killing: the role of calcium in killing cancer cells by cytotoxic T lymphocytes and natural killer cells. 2013 , 1833, 1603-11	85
1494	Maternal circulating leukocytes display early chemotactic responsiveness during late gestation. 2013 , 13 Suppl 1, S8	48
1493	Adhesion molecules in subjects with COPD and healthy non-smokers: a cross sectional parallel group study. 2013 , 14, 47	15
1492	Regulation of ICAM-1 expression in gingival fibroblasts infected with high-glucose-treated <i>P. gingivalis</i> . 2013 , 15, 1722-34	14
1491	Stiffness Increases Mononuclear Cell Transendothelial Migration. 2013 , 6, 253-265	14
1490	Notch signaling regulates CXCR4 expression and the migration of mesenchymal stem cells. 2013 , 281, 68-75	36
1489	The involvement of the monocytes/macrophages in chronic inflammation associated with atherosclerosis. 2013 , 218, 1376-84	93
1488	Traditional Chinese medicine and immune regulation. 2013 , 44, 229-41	75
1487	Targeting Underglycosylated MUC1 for the Selective Capture of Highly Metastatic Breast Cancer Cells Under Flow. 2013 , 6, 148-159	6
1486	Microfluidics for in vitro biomimetic shear stress-dependent leukocyte adhesion assays. 2013 , 46, 276-83	32
1485	Inertia effect on deformation of viscoelastic capsules in microscale flows. 2013 , 14, 817-829	17
1484	The neurovascular unit as a selective barrier to polymorphonuclear granulocyte (PMN) infiltration into the brain after ischemic injury. 2013 , 125, 395-412	156
1483	Bioinspired exosome-mimetic nanovesicles for targeted delivery of chemotherapeutics to malignant tumors. 2013 , 7, 7698-710	534
1482	Macrophages in atherosclerosis: a dynamic balance. <i>Nature Reviews Immunology</i> , 2013 , 13, 709-21	36.5 1409

1481	Thy-1-interacting molecules and cellular signaling in cis and trans. 2013 , 305, 163-216	29
1480	Glutamate induces neutrophil cell migration by activating class I metabotropic glutamate receptors. 2013 , 44, 757-67	20
1479	The molecular basis of leukocyte recruitment and its deficiencies. 2013 , 55, 49-58	154
1478	Depletion of blood neutrophils from patients with sepsis: treatment for the future?. 2013 , 17, 1226-32	16
1477	SHARPIN regulates uropod detachment in migrating lymphocytes. 2013 , 5, 619-28	44
1476	Agonist leukadherin-1 increases CD11b/CD18-dependent adhesion via membrane tethers. 2013 , 105, 2517-27	26
1475	Selective suppression of endothelial cytokine production by progesterone receptor. 2013 , 59, 36-43	19
1474	Intravital 2-photon imaging, leukocyte trafficking, and the beating heart. 2013 , 23, 287-93	7
1473	Diverse novel functions of neutrophils in immunity, inflammation, and beyond. 2013 , 210, 1283-99	463
1472	Biology of the blood-nerve barrier and its alteration in immune mediated neuropathies. 2013 , 84, 208-12	113
1471	Biologically Responsive Biomaterials for Tissue Engineering. 2013 ,	7
1470	Adhesion maturation of neutrophils on nanoscopically presented platelet glycoprotein Ib. 2013 , 7, 9984-96	42
1469	Ca ²⁺ and calpain control membrane expansion during the rapid cell spreading of neutrophils. 2013 , 126, 4627-35	23
1468	Integrin modulators: a patent review. 2013 , 23, 1273-95	58
1467	NF- κ B inhibitory activity of sucrose fatty acid esters and related constituents from Astragalus membranaceus. 2013 , 61, 7081-8	18
1466	Molecular biology of atherosclerosis. 2013 , 93, 1317-542	312
1465	New therapeutic approaches for protecting hematopoietic stem cells in aplastic anemia. 2013 , 57, 34-43	3
1464	Exocytosis acts as a modulator of the ILT4-mediated inhibition of neutrophil functions. 2013 , 110, 17957-62	66

1463	Regulatory T cells suppress the late phase of the immune response in lymph nodes through P-selectin glycoprotein ligand-1. 2013 , 191, 5489-500	29
1462	12/15-Lipoxygenase mediates high-fat diet-induced endothelial tight junction disruption and monocyte transmigration: a new role for 15(S)-hydroxyeicosatetraenoic acid in endothelial cell dysfunction. 2013 , 288, 15830-42	38
1461	Crossing the endothelial barrier during metastasis. 2013 , 13, 858-70	545
1460	Reprint of Neutrophil cell surface receptors and their intracellular signal transduction pathways. 2013 , 17, 1185-97	120
1459	Characterization of the LPS-induced inflammation of the adrenal gland in mice. 2013 , 371, 228-35	26
1458	Low-dose irradiation programs macrophage differentiation to an iNOS+/M1 phenotype that orchestrates effective T cell immunotherapy. 2013 , 24, 589-602	613
1457	Emerging understanding of roles for arterioles in inflammation. 2013 , 20, 679-92	8
1456	The who's who of T-cell differentiation: human memory T-cell subsets. 2013 , 43, 2797-809	499
1455	Mechanical regulation of T-cell functions. 2013 , 256, 160-76	63
1454	Tissue-resident memory T cells. 2013 , 255, 165-81	138
1453	Intraluminal crawling versus interstitial neutrophil migration during inflammation. 2013 , 55, 70-5	24
1452	An evolving new paradigm: endothelial cells--conditional innate immune cells. 2013 , 6, 61	219
1451	Epithelial-mesenchymal transition: focus on metastatic cascade, alternative splicing, non-coding RNAs and modulating compounds. 2013 , 12, 107	106
1450	B-crystallin/HspB5 regulates endothelial-leukocyte interactions by enhancing NF- κ B-induced up-regulation of adhesion molecules ICAM-1, VCAM-1 and E-selectin. 2013 , 16, 975-83	24
1449	Anti-CCR7 therapy exerts a potent anti-tumor activity in a xenograft model of human mantle cell lymphoma. 2013 , 6, 89	26
1448	Neutrophil cell surface receptors and their intracellular signal transduction pathways. 2013 , 17, 638-50	348
1447	Neutrophils versus Staphylococcus aureus: a biological tug of war. 2013 , 67, 629-50	210
1446	Drebrin preserves endothelial integrity by stabilizing nectin at adherens junctions. 2013 , 126, 3756-69	27

1445	Targeting neutrophil apoptosis for enhancing the resolution of inflammation. 2013 , 2, 330-48	50
1444	Pathophysiology of atherosclerosis plaque progression. 2013 , 22, 399-411	234
1443	Role of the endothelial-derived endogenous anti-inflammatory factor Del-1 in inflammation-mediated adrenal gland dysfunction. 2013 , 154, 1181-9	34
1442	Poliovirus receptor (CD155) regulates a step in transendothelial migration between PECAM and CD99. 2013 , 182, 1031-42	50
1441	Myeloperoxidase: a leukocyte-derived protagonist of inflammation and cardiovascular disease. 2013 , 18, 692-713	140
1440	Chemerin15 inhibits neutrophil-mediated vascular inflammation and myocardial ischemia-reperfusion injury through ChemR23. 2013 , 14, 999-1007	30
1439	Live cell imaging techniques to study T cell trafficking across the blood-brain barrier in vitro and in vivo. 2013 , 10, 7	41
1438	Gelsolin expression increases $\alpha 1$ -integrin affinity and L1210 cell adhesion. 2013 , 70, 385-93	7
1437	Gd3+ cFLFLFK conjugate for MRI: a targeted contrast agent for FPR1 in inflammation. 2013 , 49, 564-6	29
1436	The role of ROS in ionizing radiation-induced VLA-4 mediated adhesion of RAW264.7 cells to VCAM-1 under flow conditions. 2013 , 179, 62-8	14
1435	ICAM-2 facilitates luminal interactions between neutrophils and endothelial cells in vivo. 2014 , 127, 620-9	32
1434	Transient proteolytic modification of mesenchymal stromal cells increases lung clearance rate and targeting to injured tissue. 2013 , 2, 510-20	29
1433	Thrombosis as an intravascular effector of innate immunity. <i>Nature Reviews Immunology</i> , 2013 , 13, 34-45	36.5 944
1432	Leukocyte adhesion deficiencies. 2013 , 27, 101-16, viii	77
1431	Neutrophil infiltration during inflammation is regulated by PILRE1 via modulation of integrin activation. 2013 , 14, 34-40	52
1430	Loss of substance P and inflammation precede delayed neurodegeneration in the substantia nigra after cerebral ischemia. 2013 , 29, 51-61	44
1429	Recombinant protein rVP1 upregulates BECN1-independent autophagy, MAPK1/3 phosphorylation and MMP9 activity via WIPI1/WIPI2 to promote macrophage migration. 2013 , 9, 5-19	31
1428	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. 2013 , 14, 41-51	299

1427	Endogenous modulators of inflammatory cell recruitment. 2013 , 34, 1-6	83
1426	Involvement of viral glycoprotein gC-1 in expression of the selectin ligand sialyl-Lewis X induced after infection with herpes simplex virus type 1. 2013 , 121, 280-9	6
1425	Tumour-infiltrating FOXP3(+) lymphocytes are associated with cytotoxic immune responses and good clinical outcome in oestrogen receptor-negative breast cancer. 2013 , 108, 155-62	179
1424	Regulation of atherogenesis by chemokines and chemokine receptors. 2013 , 61, 1-14	26
1423	Anti-inflammatory effects of oleanolic acid on LPS-induced inflammation in vitro and in vivo. 2013 , 36, 94-102	72
1422	Leukocyte trafficking mechanisms in epilepsy. 2013 , 55, 100-4	38
1421	Imaging inflammatory leukocyte recruitment in kidney, lung and liver--challenges to the multi-step paradigm. 2013 , 91, 281-9	29
1420	Differential expression of junctional adhesion molecules in different stages of systemic sclerosis. 2013 , 65, 247-57	28
1419	Laminar shear stress elicit distinct endothelial cell E-selectin expression pattern via TNF α and IL-1 β activation. 2013 , 110, 999-1003	8
1418	Inflammatory status of transmigrating primary rat monocytes in a novel perfusion model simulating blood flow. 2013 , 258, 17-26	8
1417	The role of β 2-integrins and CD44 in intrahepatic leukocyte sequestration. 2013 , 184, 1070-5	1
1416	Ovine skin-recirculating T cells express IFN- γ and IL-17 and exit tissue independently of CCR7. 2013 , 155, 87-97	19
1415	Selective activation of cannabinoid receptor 2 in leukocytes suppresses their engagement of the brain endothelium and protects the blood-brain barrier. 2013 , 183, 1548-1558	54
1414	Bioactive coronary stent coating based on layer-by-layer technology for siRNA release. 2013 , 9, 6741-52	55
1413	L14. Immunomodulatory properties of apoptotic cells. 2013 , 42, 537-43	2
1412	Inhibition of TGF- β 1 signaling promotes central memory T cell differentiation. 2013 , 191, 2299-307	19
1411	β -Adrenergic receptor stimulation induces E-selectin-mediated adipose tissue inflammation. 2013 , 288, 2882-92	35
1410	Differential microRNA expression profiles in peripheral arterial disease. 2013 , 6, 490-7	69

1409	Role of platelets as mediators that link inflammation and thrombosis in atherosclerosis. 2013 , 24, 255-62	75
1408	Preconditioning thermal therapy: flipping the switch on IL-6 for anti-tumour immunity. 2013 , 29, 464-73	25
1407	L13. Apoptosis, apoptotic cell clearance and resolution of inflammation. 2013 , 42, 536-7	2
1406	Analysis of the effects of stromal cells on the migration of lymphocytes into and through inflamed tissue using 3-D culture models. 2013 , 400-401, 45-57	8
1405	Homing characteristics of donor T cells after experimental allogeneic bone marrow transplantation and posttransplantation therapy for multiple myeloma. 2013 , 19, 378-86	10
1404	Endothelial E-type prostanoid 4 receptors promote barrier function and inhibit neutrophil trafficking. 2013 , 131, 532-40.e1-2	42
1403	Predicting acute cardiac rejection from donor heart and pre-transplant recipient blood gene expression. 2013 , 32, 259-65	14
1402	Attomolar protein detection using a magnetic bead surface coverage assay. 2013 , 13, 1053-9	50
1401	Neutrophil and endothelial adhesive function during human fetal ontogeny. 2013 , 93, 175-84	63
1400	The dual roles of inflammatory cytokines and chemokines in the regulation of autoimmune diseases and their clinical implications. 2013 , 93, 51-61	97
1399	Orchestrated leukocyte recruitment to immune-privileged sites: absolute barriers versus educational gates. <i>Nature Reviews Immunology</i> , 2013 , 13, 206-18	36.5 248
1398	Neutrophil recruitment and function in health and inflammation. <i>Nature Reviews Immunology</i> , 2013 , 13, 159-75	36.5 2840
1397	Anti-adhesive proteins and resolution of neutrophil-mediated inflammation. 2013 , 218, 1085-92	3
1396	Tissue-specific neutrophil recruitment into the lung, liver, and kidney. 2013 , 5, 348-57	59
1395	T lymphocytes orient against the direction of fluid flow during LFA-1-mediated migration. 2013 , 104, 322-31	57
1394	Prasugrel metabolites inhibit neutrophil functions. 2013 , 344, 231-43	25
1393	Immunologic Mechanisms of Vasculitis. 2013 , 2817-2846	2
1392	Damage-associated molecular patterns control neutrophil recruitment. 2013 , 5, 315-23	120

1391	Studying leukocyte recruitment under flow conditions. 2013 , 946, 285-300	3
1390	Neutrophils usher monocytes into sites of inflammation. 2013 , 112, 744-5	24
1389	Cultivation in human serum reduces adipose tissue-derived mesenchymal stromal cell adhesion to laminin and endothelium and reduces capillary entrapment. 2013 , 22, 791-803	17
1388	Janus kinases 1 and 2 regulate chemokine-mediated integrin activation and naïve T-cell homing. 2013 , 43, 1745-57	9
1387	Bidirectional crosstalk between platelets and monocytes initiated by Toll-like receptor: an important step in the early defense against fungal infections?. 2013 , 24, 85-97	21
1386	Specific integrin expression is associated with podosome-like structures on mesodermal progenitor cells. 2013 , 22, 1830-8	9
1385	Acute-phase concentrations of soluble fibrinogen inhibit neutrophil adhesion under flow conditions in vitro through interactions with ICAM-1 and MAC-1 (CD11b/CD18). 2013 , 11, 1172-82	19
1384	Use of imaging to study leukocyte trafficking in the central nervous system. 2013 , 91, 271-80	18
1383	Imaging macrophage development and fate in atherosclerosis and myocardial infarction. 2013 , 91, 297-303	17
1382	Endothelial junction regulation: a prerequisite for leukocytes crossing the vessel wall. 2013 , 5, 324-35	28
1381	Monocytes mediate metastatic breast tumor cell adhesion to endothelium under flow. 2013 , 27, 3017-29	70
1380	Effects of natalizumab treatment on the cerebrospinal fluid proteome of multiple sclerosis patients. 2013 , 12, 1101-7	34
1379	How stem cells speak with host immune cells in inflammatory brain diseases. 2013 , 61, 1379-401	96
1378	Multispectral optoacoustic tomography of myocardial infarction. 2013 , 1, 3-8	55
1377	Rhythmic modulation of the hematopoietic niche through neutrophil clearance. 2013 , 153, 1025-35	409
1376	The Role of Tetraspanins in Cell Migration and Intercellular Adhesion. 2013 , 131-167	
1375	Tetraspanins and Immunity. 2013 , 233-255	1
1374	Pneumococcal immune evasion: ZmpC inhibits neutrophil influx. 2013 , 15, 1753-65	20

1373	Molecular players in neutrophil chemotaxis--focus on PI3K and small GTPases. 2013 , 94, 603-12	53
1372	Neutrophil swarms require LTB4 and integrins at sites of cell death in vivo. 2013 , 498, 371-5	573
1371	Emerging non-canonical functions for heterotrimeric G proteins in cellular signaling. 2013 , 33, 177-83	9
1370	Pericytes support neutrophil transmigration via interleukin-8 across a porcine co-culture model of the blood-brain barrier. 2013 , 1524, 1-11	58
1369	S3. Rituximab for ANCA-associated vasculitides: the French experience. 2013 , 42, 534-6	8
1368	Quantitative dynamic footprinting microscopy. 2013 , 91, 311-20	3
1367	Innate immunity in the CNS: redefining the relationship between the CNS and its environment. 2013 , 78, 214-32	194
1366	Overlapping roles for endothelial selectins in murine hematopoietic stem/progenitor cell homing to bone marrow. 2013 , 41, 588-96	13
1365	Basic Cell Culture Protocols. 2013 ,	9
1364	Kinase inhibitors: a new tool for the treatment of rheumatoid arthritis. 2013 , 148, 66-78	28
1363	Endothelial plasticity governs the site-specific leukocyte recruitment in hepatocellular cancer. 2013 , 133, 2372-82	4
1362	Extracellular matrix alterations, accelerated leukocyte infiltration and enhanced axonal sprouting after spinal cord hemisection in tenascin-C-deficient mice. 2013 , 115, 865-78	26
1361	Targeting the microenvironment in chronic lymphocytic leukemia offers novel therapeutic options. 2013 , 328, 27-35	14
1360	Ephs and ephrins resurface in inflammation, immunity, and atherosclerosis. 2013 , 67, 42-52	48
1359	Role of the retinal vascular endothelial cell in ocular disease. 2013 , 32, 102-80	101
1358	Cyclic arginine-glycine-aspartate attenuates acute lung injury in mice after intestinal ischemia/reperfusion. 2013 , 17, R19	25
1357	Neutrophils from critically ill septic patients mediate profound loss of endothelial barrier integrity. 2013 , 17, R226	65
1356	Understanding selectin counter-receptor binding from electrostatic energy computations and experimental binding studies. 2013 , 117, 16443-54	14

1355	Effector T-cell responses in non-lymphoid tissues: insights from in vivo imaging. 2013 , 91, 290-6	21
1354	Illuminating the roles of the <i>Borrelia burgdorferi</i> adhesins. 2013 , 21, 372-9	57
1353	β/4 Fucosyltransferase 3-dependent synthesis of Sialyl Lewis A on CD44 variant containing exon 6 mediates polymorphonuclear leukocyte detachment from intestinal epithelium during transepithelial migration. 2013 , 191, 4804-17	33
1352	Affinity flow fractionation of cells via transient interactions with asymmetric molecular patterns. 2013 , 3, 2329	25
1351	The Rho-GEF Trio regulates a novel pro-inflammatory pathway through the transcription factor Ets2. 2013 , 2, 569-79	25
1350	Distinct binding affinities of Mac-1 and LFA-1 in neutrophil activation. 2013 , 190, 4371-81	33
1349	Bayesian data analysis of the dynamics of rolling leukocytes. 2013 ,	
1348	Arrest Functions of the MIF Ligand/Receptor Axes in Atherogenesis. 2013 , 4, 115	71
1347	Peripheral tissue homing receptor control of naïve, effector, and memory CD8 T cell localization in lymphoid and non-lymphoid tissues. 2013 , 4, 241	32
1346	Human cytomegalovirus induces a biphasic inflammatory response in primary endothelial cells. 2013 , 87, 6530-5	6
1345	CD36 recruits β2-integrin to promote cytoadherence of <i>P. falciparum</i> -infected erythrocytes. 2013 , 9, e1003590	21
1344	Danger control programs cause tissue injury and remodeling. 2013 , 14, 11319-46	13
1343	Caveolin-1 scaffolding domain promotes leukocyte adhesion by reduced basal endothelial nitric oxide-mediated ICAM-1 phosphorylation in rat mesenteric venules. 2013 , 305, H1484-93	24
1342	Palm tocotrienol-rich fraction improves vascular proatherosclerotic changes in hyperhomocysteinemic rats. 2013 , 2013, 976967	12
1341	<i>Toxoplasma gondii</i> modulates the dynamics of human monocyte adhesion to vascular endothelium under fluidic shear stress. 2013 , 93, 789-800	29
1340	<i>Achyrocline satureioides</i> (Lam.) D.C. Hydroalcoholic Extract Inhibits Neutrophil Functions Related to Innate Host Defense. 2013 , 2013, 787916	16
1339	Endogenous Acute Phase Serum Amyloid A Lacks Pro-Inflammatory Activity, Contrasting the Two Recombinant Variants That Activate Human Neutrophils through Different Receptors. 2013 , 4, 92	38
1338	Targeting endothelial adhesion molecule mRNA to control inflammation: novel insights into potential anti-inflammatory effects of IL-19. Focus on "Interleukin-19 decreases leukocyte-endothelial cell interactions by reduction in endothelial cell adhesion molecule mRNA stability". 2013 , 305, G253-4	1

1337	Cell matrix contact modifies endothelial major histocompatibility complex class II expression in high-glucose environment. 2013 , 305, H1592-9	2
1336	ICAM-1-mediated leukocyte adhesion is critical for the activation of endothelial LSP1. 2013 , 304, C895-904	16
1335	Ezrin/Radixin/Moesin proteins and flotillins cooperate to promote uropod formation in T cells. 2013 , 4, 84	37
1334	Monocyte ADAM17 promotes diapedesis during transendothelial migration: identification of steps and substrates targeted by metalloproteinases. 2013 , 190, 4236-44	25
1333	JAK tyrosine kinases promote hierarchical activation of Rho and Rap modules of integrin activation. 2013 , 203, 1003-19	29
1332	Investigation of lysine side chain interactions of interleukin-8 with heparin and other glycosaminoglycans studied by a methylation-NMR approach. 2013 , 23, 1260-9	33
1331	Reduced neutrophil chemotaxis and infiltration contributes to delayed resolution of cutaneous wound infection with advanced age. 2013 , 190, 1746-57	101
1330	Orai1 function is essential for T cell homing to lymph nodes. 2013 , 190, 3197-206	19
1329	Cyclooxygenase-2 deficiency in macrophages leads to defective p110PI3K signaling and impairs cell adhesion and migration. 2013 , 191, 395-406	15
1328	BATF is required for normal expression of gut-homing receptors by T helper cells in response to retinoic acid. 2013 , 210, 475-89	46
1327	TRPC6 regulates CXCR2-mediated chemotaxis of murine neutrophils. 2013 , 190, 5496-505	53
1326	A specific subset of RabGTPases controls cell surface exposure of MT1-MMP, extracellular matrix degradation and three-dimensional invasion of macrophages. 2013 , 126, 2820-33	63
1325	Crosstalk between platelets and the complement system in immune protection and disease. 2013 , 110, 910-9	66
1324	Prevention of recurrent urinary tract infections by intravesical administration of heparin: a pilot study. 2013 , 5, 303-9	6
1323	Molecular imaging of inflammation in inflammatory bowel disease with a clinically translatable dual-selectin-targeted US contrast agent: comparison with FDG PET/CT in a mouse model. 2013 , 267, 818-29	49
1322	Biophysical description of multiple events contributing blood leukocyte arrest on endothelium. 2013 , 4, 108	4
1321	Location, location, location: the impact of migratory heterogeneity on T cell function. 2013 , 4, 311	31
1320	KSGal6ST generates galactose-6-O-sulfate in high endothelial venules but does not contribute to L-selectin-dependent lymphocyte homing. 2013 , 23, 381-94	29

1319	Neutrophil transmigration: emergence of an adhesive cascade within venular walls. 2013 , 5, 336-47	77
1318	Release of cellular tension signals self-restorative ventral lamellipodia to heal barrier micro-wounds. 2013 , 201, 449-65	67
1317	Report of three cases of herpes zoster during treatment with natalizumab. 2013 , 19, 280-1	13
1316	Heterogenic endothelial responses to inflammation: role for differential N-glycosylation and vascular bed of origin. 2013 , 2, e000263	43
1315	Angiopoietin-like 2 promotes atherogenesis in mice. 2013 , 2, e000201	47
1314	NET balancing: a problem in inflammatory lung diseases. 2013 , 4, 1	365
1313	From blood to the brain: can systemically transplanted mesenchymal stem cells cross the blood-brain barrier?. 2013 , 2013, 435093	73
1312	HLA class I antibodies trigger increased adherence of monocytes to endothelial cells by eliciting an increase in endothelial P-selectin and, depending on subclass, by engaging FcRs. 2013 , 190, 6635-50	64
1311	TCR-driven transendothelial migration of human effector memory CD4 T cells involves Vav, Rac, and myosin IIA. 2013 , 190, 3079-88	21
1310	CD62L is critical for maturation and accumulation of murine hepatic NK cells in response to viral infection. 2013 , 190, 4255-62	21
1309	Lights, camera, and action: vertebrate skin sets the stage for immune cell interaction with arthropod-vectored pathogens. 2013 , 4, 286	13
1308	On the road to tolerance--generation and migration of gut regulatory T cells. 2013 , 43, 1422-5	11
1307	Diabetic ketoacidosis elicits systemic inflammation associated with cerebrovascular endothelial cell dysfunction. 2013 , 20, 534-43	33
1306	Crossroads of coagulation and innate immunity: the case of deep vein thrombosis. 2013 , 11 Suppl 1, 233-41	79
1305	Targeting cells in motion: migrating toward improved therapies. 2013 , 43, 1430-5	29
1304	$\alpha 2$ integrins inhibit TLR responses by regulating NF- κ B pathway and p38 MAPK activation. 2013 , 43, 779-92	59
1303	C-reactive protein triggers calcium signalling in human neutrophilic granulocytes via Fc γ RIIa in an allele-specific way. 2013 , 77, 442-51	6
1302	Increased accumulation of CD16+ monocytes at local sites of inflammation in patients with chronic kidney disease. 2013 , 78, 538-44	11

1301	Corneal inflammation is inhibited by the LFA-1 antagonist, lifitegrast (SAR 1118). 2013 , 29, 395-402	26
1300	Role and interactions of annexin A1 and oestrogens in the manifestation of sexual dimorphisms in cerebral and systemic inflammation. 2013 , 169, 539-53	10
1299	A combined impedance and AlphaLISA-based approach to identify anti-inflammatory and barrier-protective compounds in human endothelium. 2013 , 18, 67-74	13
1298	Alarmin-induced cell migration. 2013 , 43, 1412-8	22
1297	Noninvasive pulsed focused ultrasound allows spatiotemporal control of targeted homing for multiple stem cell types in murine skeletal muscle and the magnitude of cell homing can be increased through repeated applications. 2013 , 31, 2551-60	38
1296	CCRL2, a fringe member of the atypical chemoattractant receptor family. 2013 , 43, 1418-22	28
1295	Modulation of inflammatory and immune responses by short-chain fatty acids. 2013 , 435-458	4
1294	Emerging aspects of leukocyte migration. 2013 , 43, 1404-6	8
1293	Tetraspanins. 2013 ,	10
1292	Getting leukocytes to the site of inflammation. 2013 , 50, 7-22	208
1291	α 1 integrin-mediated adhesion inhibits macrophage exit from a peripheral inflammatory lesion. 2013 , 190, 4305-14	27
1290	Systemic CD14 inhibition attenuates organ inflammation in porcine Escherichia coli sepsis. 2013 , 81, 3173-81	26
1289	Critical role of fractalkine (CX3CL1) in cigarette smoke-induced mononuclear cell adhesion to the arterial endothelium. 2013 , 68, 177-86	32
1288	Selectins and their ligands as potential immunotherapeutic targets in neurological diseases. 2013 , 5, 1207-20	12
1287	VEGF controls lung Th2 inflammation via the miR-1-Mpl (myeloproliferative leukemia virus oncogene)-P-selectin axis. 2013 , 210, 1993-2010	46
1286	Shedding light on cutaneous innate immune responses: the intravital microscopy approach. 2013 , 91, 263-70	13
1285	Inflammatory responses in hypoxic ischemic encephalopathy. 2013 , 34, 1121-30	148
1284	Neutrophils and emerging targets for treatment in chronic obstructive pulmonary disease. 2013 , 9, 1055-68	53

1283	Systemic immune responses in Cytauxzoon felis-infected domestic cats. 2013 , 74, 901-9	7
1282	GILZ overexpression inhibits endothelial cell adhesive function through regulation of NF- κ B and MAPK activity. 2013 , 191, 424-33	50
1281	Emergence of spatial structure in the tumor microenvironment due to the Warburg effect. 2013 , 110, 19402-7	96
1280	Clonal variants of Plasmodium falciparum exhibit a narrow range of rolling velocities to host receptor CD36 under dynamic flow conditions. 2013 , 12, 1490-8	5
1279	Lymphocytes: Recirculation. 2013 ,	
1278	Effects of 3,4-dihydroxyacetophenone on the hypercholesterolemia-induced atherosclerotic rabbits. 2013 , 36, 733-40	4
1277	Coordinated and unique functions of the E-selectin ligand ESL-1 during inflammatory and hematopoietic recruitment in mice. 2013 , 122, 3993-4001	26
1276	NK cell CD16 surface expression and function is regulated by a disintegrin and metalloprotease-17 (ADAM17). 2013 , 121, 3599-608	293
1275	Endothelial endoglin is involved in inflammation: role in leukocyte adhesion and transmigration. 2013 , 121, 403-15	100
1274	Ontogenetic regulation of leukocyte recruitment in mouse yolk sac vessels. 2013 , 121, e118-28	27
1273	Hematopoietic progenitor kinase 1 (HPK1) is required for LFA-1-mediated neutrophil recruitment during the acute inflammatory response. 2013 , 121, 4184-94	21
1272	Integrin activation by P-Rex1 is required for selectin-mediated slow leukocyte rolling and intravascular crawling. 2013 , 121, 2301-10	50
1271	Matrix metalloproteinases modulate ameboid-like migration of neutrophils through inflamed interstitial tissue. 2013 , 122, 770-80	29
1270	Elevated CXCL1 expression in gp130-deficient endothelial cells impairs neutrophil migration in mice. 2013 , 122, 3832-42	27
1269	The integrin coactivator Kindlin-3 is not required for lymphocyte diapedesis. 2013 , 122, 2609-17	20
1268	Platelet endothelial cell adhesion molecule 1 deficiency misguides venous thrombus resolution. 2013 , 122, 3376-84	34
1267	CXCL1 excess stops neutrophils in their tracks. 2013 , 122, 3708-10	2
1266	Hydrogen sulfide reduces neutrophil recruitment in hind-limb ischemia-reperfusion injury in an L-selectin and ADAM-17-dependent manner. 2013 , 131, 487-497	12

1265	Differential MicroRNA Expression Profiles in Peripheral Arterial Disease. 2013 , 6, 490-497	11
1264	Acute Respiratory Distress Syndrome. 2013 , 5, 1-99	
1263	Analyzing migratory properties of human CD133(+) stem cells in vivo after intraoperative sternal bone marrow isolation. 2013 , 22, 1627-35	4
1262	Quantitative in vitro assay to measure neutrophil adhesion to activated primary human microvascular endothelial cells under static conditions. 2013 , e50677	9
1261	Protective effect of ginsenoside Rb1 against lung injury induced by intestinal ischemia-reperfusion in rats. 2013 , 18, 1214-26	40
1260	Molecular imaging of inflammation in atherosclerosis. 2013 , 3, 865-84	55
1259	[Immunology for understanding the pathogenesis of multiple sclerosis]. 2013 , 53, 898-901	6
1258	Intercellular adhesion molecule 1 mediates migration of Th1 and Th17 cells across human retinal vascular endothelium. 2013 , 54, 6917-25	31
1257	Regulatory T cells and Atherosclerosis. 2012 , 2012, 2	48
1256	Exercise-Induced Inflammatory Response: To Use or Not use Anti-Inflammatory Medication. 2013 , 04,	
1255	Myeloid cells in traffic. 2013 , 5, 301-3	1
1254	CCR6 selectively promotes monocyte mediated inflammation and atherogenesis in mice. 2013 , 110, 1267-77	18
1253	Blockade but not overexpression of the junctional adhesion molecule C influences virus-induced type 1 diabetes in mice. 2013 , 8, e54675	8
1252	The guanine-nucleotide exchange factor SGEF plays a crucial role in the formation of atherosclerosis. 2013 , 8, e55202	23
1251	Involvement of MAPK/NF- κ B signaling in the activation of the cholinergic anti-inflammatory pathway in experimental colitis by chronic vagus nerve stimulation. 2013 , 8, e69424	124
1250	E- and p-selectins are essential for repopulation of chronic myelogenous and chronic eosinophilic leukemias in a scid mouse xenograft model. 2013 , 8, e70139	13
1249	Transcriptional profiling of human monocytes identifies the inhibitory receptor CD300a as regulator of transendothelial migration. 2013 , 8, e73981	6
1248	Activated T cell trans-endothelial migration relies on myosin-IIA contractility for squeezing the cell nucleus through endothelial cell barriers. 2013 , 8, e75151	42

1247	PKC ζ regulates T cell motility via ezrin-radixin-moesin localization to the uropod. 2013 , 8, e78940	10
1246	Modulation of Neutrophil Apoptosis and the Resolution of Inflammation through β_2 Integrins. 2013 , 4, 60	67
1245	Neural circuit mechanisms of post-traumatic epilepsy. 2013 , 7, 89	98
1244	Immune mechanisms in epileptogenesis. 2013 , 7, 195	56
1243	The function of TLR2 during staphylococcal diseases. 2012 , 2, 167	58
1242	Expression and function of the homeostatic molecule Del-1 in endothelial cells and the periodontal tissue. 2013 , 2013, 617809	26
1241	New Frontiers in the Diagnosis and Treatment of Chronic Neutrophilic Lung Diseases. 2013 ,	
1240	The role of microparticles in chronic obstructive pulmonary disease. 2014 , 9, 303-14	31
1239	Effect of mixed transplantation of autologous and allogeneic microskin grafts on wound healing in a rat model of acute skin defect. 2014 , 9, e85672	9
1238	Development of central nervous system autoimmunity is impaired in the absence of Wiskott-Aldrich syndrome protein. 2014 , 9, e86942	1
1237	Node interference and robustness: performing virtual knock-out experiments on biological networks: the case of leukocyte integrin activation network. 2014 , 9, e88938	13
1236	Effect of estragole on leukocyte behavior and phagocytic activity of macrophages. 2014 , 2014, 784689	17
1235	Components of the Immune System. 2014 , 21-54	
1234	A Small Molecule β_2 Integrin Agonist Improves Chronic Kidney Allograft Survival by Reducing Leukocyte Recruitment and Accompanying Vasculopathy. 2014 , 1, 45	15
1233	Blood-CNS Barrier Impairment in ALS patients versus an animal model. 2014 , 8, 21	93
1232	Pelagia noctiluca (Scyphozoa) crude venom injection elicits oxidative stress and inflammatory response in rats. 2014 , 12, 2182-204	12
1231	Saikosaponin D isolated from Bupleurum falcatum inhibits selectin-mediated cell adhesion. 2014 , 19, 20340-9	7
1230	Relationship between Leukopenia and Intercellular Adhesion Molecules in Graves' Disease. 2014 , 63, 601-4	4

1229	Imaging Neuroinflammation - from Bench to Bedside. 2014 , 5,	17
1228	The future of collateral artery research. 2014 , 10, 73-86	18
1227	Angiostatin Works as Immune Modulatory Molecules via Inhibition of Neutrophil Activation and Migration. 2014 , 44, 115	
1226	Advances in sickle cell therapies in the hydroxyurea era. 2014 , 20 Suppl 1, S37-42	14
1225	Inflammatory mechanisms in atherosclerosis. 2014 , 34, 63-71	31
1224	Maresin 1 biosynthesis during platelet-neutrophil interactions is organ-protective. 2014 , 111, 16526-31	113
1223	Computational Methods in Systems Biology. 2014 ,	
1222	Cytoskeletal regulation of CD44 membrane organization and interactions with E-selectin. 2014 , 289, 35159-71	30
1221	Carbon monoxide down-regulates $\alpha 1$ integrin-specific ligand binding and cell adhesion: a possible mechanism for cell mobilization. 2014 , 15, 52	5
1220	Molecular aspects of anti-atherosclerotic effects of short peptides. 2014 , 158, 159-63	6
1219	Tyrosine phosphorylation of Wiskott-Aldrich syndrome protein (WASP) by Hck regulates macrophage function. 2014 , 289, 7897-906	17
1218	Ninjurin1 deficiency attenuates susceptibility of experimental autoimmune encephalomyelitis in mice. 2014 , 289, 3328-38	29
1217	Heterotropic modulation of selectin affinity by allosteric antibodies affects leukocyte rolling. 2014 , 192, 1862-9	5
1216	Defining the functional boundaries of the murine $\beta 1,3$ -fucosyltransferase Fut7 reveals a remarkably compact locus. 2014 , 289, 6341-6349	8
1215	Blockade of lymphocyte trafficking in inflammatory bowel diseases therapy: importance of specificity of endothelial target. 2014 , 10, 885-95	7
1214	Golgi phosphoprotein 3 triggers signal-mediated incorporation of glycosyltransferases into coatamer-coated (COPI) vesicles. 2014 , 289, 31319-29	46
1213	Transmigrated neutrophils in the intestinal lumen engage ICAM-1 to regulate the epithelial barrier and neutrophil recruitment. 2014 , 7, 905-15	74
1212	Sphingosine-1-phosphate induces thrombin receptor PAR-4 expression to enhance cell migration and COX-2 formation in human monocytes. 2014 , 96, 611-8	16

1211	Inborn errors of metabolism underlying primary immunodeficiencies. 2014 , 34, 753-71	19
1210	Probing the biomechanical contribution of the endothelium to lymphocyte migration: diapedesis by the path of least resistance. 2014 , 127, 3720-34	82
1209	Davallia bilabiata inhibits TNF- α -induced adhesion molecules and chemokines by suppressing IKK/NF-kappa B pathway in vascular endothelial cells. 2014 , 42, 1411-29	18
1208	Functional knock down of VCAM1 in mice mediated by endoplasmatic reticulum retained intrabodies. 2014 , 6, 1394-401	16
1207	Tissue plasminogen activator promotes postischemic neutrophil recruitment via its proteolytic and nonproteolytic properties. 2014 , 34, 1495-504	36
1206	Glutamine supplementation attenuates expressions of adhesion molecules and chemokine receptors on T cells in a murine model of acute colitis. 2014 , 2014, 837107	17
1205	Blocking von Willebrand factor for treatment of cutaneous inflammation. 2014 , 134, 77-86	44
1204	Anti-inflammatory functions of protein C require RAGE and ICAM-1 in a stimulus-dependent manner. 2014 , 2014, 743678	3
1203	RNA-seq Transcriptional Profiling of Peripheral Blood Leukocytes from Cattle Infected with Mycobacterium bovis. 2014 , 5, 396	42
1202	Recruitment of Leukocytes: Adhesion Molecules and Chemoattractants. 2014 , 275-288	1
1201	Neutrophil Migration Defects. 2014 , 619-632	1
1200	An in vitro study on the modulation of the neutrophil adhesive behavior by soluble fibrinogen. 2014 , 56, 47-56	
1199	Granule protein processing and regulated secretion in neutrophils. 2014 , 5, 448	98
1198	Development of novel treatment strategies for inflammatory diseases-similarities and divergence between glucocorticoids and GILZ. 2014 , 5, 169	32
1197	Novel ex vivo culture method for human monocytes uses shear flow to prevent total loss of transendothelial diapedesis function. 2014 , 95, 191-5	5
1196	Microparticles: new light shed on the understanding of venous thromboembolism. 2014 , 35, 1103-10	23
1195	Blocking junctional adhesion molecule C enhances dendritic cell migration and boosts the immune responses against Leishmania major. 2014 , 10, e1004550	12
1194	Dose-dependent effects of Lactobacillus rhamnosus on serum interleukin-17 production and intestinal T-cell responses in pigs challenged with Escherichia coli. 2014 , 80, 1787-98	52

1193	Chemokines as potential markers in pediatric renal diseases. 2014 , 2014, 278715	4
1192	Plasma endocan levels associate with inflammation, vascular abnormalities, cardiovascular events, and survival in chronic kidney disease. 2014 , 86, 1213-20	96
1191	Combinations of immunotherapy and radiation in cancer therapy. 2014 , 4, 325	164
1190	Immune attack players perform better on a test of cellular immunology and self confidence than their classmates who play a control video game. 2014 , 169, 403-23	5
1189	Adhesion molecules involved in neutrophil recruitment during sepsis-induced acute kidney injury. 2014 , 6, 597-606	40
1188	Toll-like receptor 4 and MAIR-II/CLM-4/LMIR2 immunoreceptor regulate VLA-4-mediated inflammatory monocyte migration. 2014 , 5, 4710	16
1187	α 2 integrin-mediated crawling on endothelial ICAM-1 and ICAM-2 is a prerequisite for transcellular neutrophil diapedesis across the inflamed blood-brain barrier. 2014 , 192, 324-37	100
1186	Shear forces enhance <i>Toxoplasma gondii</i> tachyzoite motility on vascular endothelium. 2014 , 5, e01111-13	32
1185	Vedolizumab for ulcerative colitis and Crohn's disease: results and implications of GEMINI studies. 2014 , 6, 963-71	28
1184	Real-time imaging of <i>Toxoplasma</i> -infected human monocytes under fluidic shear stress reveals rapid translocation of intracellular parasites across endothelial barriers. 2014 , 16, 580-95	39
1183	TSG-6 inhibits neutrophil migration via direct interaction with the chemokine CXCL8. 2014 , 192, 2177-85	108
1182	Mathematical modeling supports the presence of neutrophil depriming in vivo. 2014 , 2, e00241	14
1181	Redox-relevant aspects of the extracellular matrix and its cellular contacts via integrins. 2014 , 20, 1977-93	58
1180	Neutrophils scan for activated platelets to initiate inflammation. 2014 , 346, 1234-8	388
1179	Balance of apoptotic cell death and survival in allergic diseases. 2014 , 16, 811-21	5
1178	Multiple roles of the PGE2 -EP receptor signal in vascular permeability. 2014 , 171, 4879-89	40
1177	Phosphorylation of Rab5a protein by protein kinase C γ is crucial for T-cell migration. 2014 , 289, 19420-34	39
1176	Beyond organoleptic characteristics: the pharmacological potential of flavonoids and their role in leukocyte migration and in L-selectin and α 2-integrin expression during inflammation. 2014 , 28, 1406-11	10

1175	G protein-coupled receptor kinase 2 moderates recruitment of THP-1 cells to the endothelium by limiting histamine-invoked Weibel-Palade body exocytosis. 2014 , 12, 261-272	10
1174	Sputum ADAM8 expression is increased in severe asthma and COPD. 2014 , 44, 342-52	22
1173	Expression and function of endothelial selectins during human development. 2014 , 143, 406-15	17
1172	P2Y6 deficiency limits vascular inflammation and atherosclerosis in mice. 2014 , 34, 2237-45	44
1171	cAMP signalling in the vasculature: the role of Epac (exchange protein directly activated by cAMP). 2014 , 42, 89-97	47
1170	Synergistic antitumor effect of combining metronomic chemotherapy with adoptive cell immunotherapy in nude mice. 2014 , 122, 380-91	6
1169	Carbon-based nanomaterials accelerate arteriolar thrombus formation in the murine microcirculation independently of their shape. 2014 , 34, 1167-76	15
1168	Pathogenesis of Atherosclerosis: From Cell Biology to Therapeutics. 2014 , 6, 1-125	1
1167	Primitive Erythroblast Cell Autonomously Regulates the Timing of Blood Circulation Onset via a Control of Adherence to Endothelium. 2014 , 185-195	
1166	The incidence of cardiovascular events after hospitalization due to CAP and their association with different inflammatory markers. 2014 , 14, 197	7
1165	RAGE controls leukocyte adhesion in preterm and term infants. 2014 , 15, 53	10
1164	Spontaneous white matter damage, cognitive decline and neuroinflammation in middle-aged hypertensive rats: an animal model of early-stage cerebral small vessel disease. 2014 , 2, 169	87
1163	Essential role of CD11a in CD8+ T-cell accumulation and activation in adipose tissue. 2014 , 34, 34-43	36
1162	The severity of microvascular dysfunction due to compartment syndrome is diminished by the systemic application of CO-releasing molecule-3. 2014 , 28, e263-8	15
1161	Inhibitors of CXC chemokine receptor type 4: putative therapeutic approaches in inflammatory diseases. 2014 , 21, 29-36	30
1160	Early prediction of persistent organ failure by soluble CD73 in patients with acute pancreatitis*. 2014 , 42, 2556-64	50
1159	Protective effects of fucoidan, a P- and L-selectin inhibitor, in murine acute pancreatitis. 2014 , 43, 82-7	30
1158	Changes in the adhesion and migration ability of peripheral blood cells: potential biomarkers indicating exposure dose. 2014 , 107, 242-7	2

1157	Does pharmacotherapy influence the inflammatory responses during cardiopulmonary bypass in children?. 2014 , 64, 191-7	3
1156	Ninjurin1 enhances the basal motility and transendothelial migration of immune cells by inducing protrusive membrane dynamics. 2014 , 289, 21926-36	17
1155	Development of an autoimmune syndrome affecting the skin and internal organs in P-selectin glycoprotein ligand 1 leukocyte receptor-deficient mice. 2014 , 66, 3178-89	14
1154	Immune imbalance in nasal polyps of Caucasian chronic rhinosinusitis patients is associated with a downregulation of E-selectin. 2014 , 2014, 959854	5
1153	Arrest chemokines. 2014 , 5, 150	4
1152	Blood Monocytes and Their Subsets in Health and Disease. 2014 , 3-36	1
1151	Common gamma chain (γ) cytokines differentially potentiate TNFR family signaling in antigen-activated CD8(+) T cells. 2014 , 2, 28	7
1150	Segregation of VE-cadherin from the LBRC depends on the ectodomain sequence required for homophilic adhesion. 2015 , 128, 576-88	15
1149	Differences between healthy hematopoietic progenitors and leukemia cells with respect to CD44 mediated rolling versus adherence behavior on hyaluronic acid coated surfaces. 2014 , 35, 1411-9	19
1148	The anti-atherosclerotic effect of tanshinone IIA is associated with the inhibition of TNF- α -induced VCAM-1, ICAM-1 and CX3CL1 expression. 2014 , 21, 207-16	53
1147	Intracellular delivery of desulfated heparin with bile acid conjugation alleviates T cell-mediated inflammatory arthritis via inhibition of RhoA-dependent transcellular diapedesis. 2014 , 183, 9-17	7
1146	Non-enzymatic dissociation of human mesenchymal stromal cells improves chemokine-dependent migration and maintains immunosuppressive function. 2014 , 16, 545-59	25
1145	EphA2 knockdown attenuates atherosclerotic lesion development in ApoE(-/-) mice. 2014 , 23, 169-74	8
1144	Flow patterns regulate hyperglycemia-induced subendothelial matrix remodeling during early atherogenesis. 2014 , 232, 277-84	28
1143	Kindlin-3-independent adhesion of neutrophils from patients with leukocyte adhesion deficiency type III. 2014 , 133, 1215-8	8
1142	The PDZ-binding domain of syndecan-2 inhibits LFA-1 high-affinity conformation. 2014 , 26, 1489-99	10
1141	Enhanced assay of endothelial exocytosis using extracellular matrix components. 2014 , 452, 19-24	2
1140	Cellular adhesion and the endothelium: P-selectin. 2014 , 28, 323-39	41

1139	Neutrophil dependence of vascular remodeling after Mycoplasma infection of mouse airways. 2014 , 184, 1877-89	9
1138	TIM-1 glycoprotein binds the adhesion receptor P-selectin and mediates T cell trafficking during inflammation and autoimmunity. 2014 , 40, 542-53	45
1137	Myristoylated Alanine Rich C Kinase Substrate (MARCKS) is essential to β -integrin dependent responses of equine neutrophils. 2014 , 160, 167-76	11
1136	The role of chemokines in acute and chronic hepatitis C infection. 2014 , 11, 25-40	50
1135	From proliferation to proliferation: monocyte lineage comes full circle. 2014 , 36, 137-48	34
1134	P-glycoprotein regulates trafficking of CD8(+) T cells to the brain parenchyma. 2014 , 127, 699-711	33
1133	Endothelial caveolin-1 plays a major role in the development of atherosclerosis. 2014 , 356, 147-57	40
1132	Neutrophil and monocyte recruitment by PECAM, CD99, and other molecules via the LBRC. 2014 , 36, 193-209	43
1131	Sphingosine-1-phosphate: a master regulator of lymphocyte egress and immunity. 2014 , 62, 103-15	10
1130	Ion channels and anti-cancer immunity. 2014 , 369, 20130106	32
1129	Blockade of CXCR2 signalling: a potential therapeutic target for preventing neutrophil-mediated inflammatory diseases. 2014 , 239, 509-18	37
1128	Identification and X-ray co-crystal structure of a small-molecule activator of LFA-1-ICAM-1 binding. 2014 , 53, 4322-6	11
1127	Circulating adhesion molecules in obstructive sleep apnea and cardiovascular disease. 2014 , 18, 25-34	26
1126	The journey from stem cell to macrophage. 2014 , 1319, 1-18	48
1125	Diabetes causes bone marrow autonomic neuropathy and impairs stem cell mobilization via dysregulated p66Shc and Sirt1. 2014 , 63, 1353-65	104
1124	G-CSF induces the release of the soluble form of LR11, a regulator of myeloid cell mobilization in bone marrow. 2014 , 93, 1111-22	4
1123	The multiple faces of leukocyte interstitial migration. 2014 , 36, 227-51	99
1122	Phosphatases and kinases as regulators of the endothelial barrier function. 2014 , 355, 577-86	37

1121	Leukocyte recruitment in inflammation: basic concepts and new mechanistic insights based on new models and microscopic imaging technologies. 2014 , 355, 647-56	66
1120	Leukocyte migration in the interstitial space of non-lymphoid organs. <i>Nature Reviews Immunology</i> , 2014 , 14, 232-46	36.5 149
1119	Crosstalk between sentinel and helper macrophages permits neutrophil migration into infected uroepithelium. 2014 , 156, 456-68	147
1118	The inflammatory response in myocardial injury, repair, and remodelling. 2014 , 11, 255-65	759
1117	Potential impact of metal oxide nanoparticles on the immune system: The role of integrins, L-selectin and the chemokine receptor CXCR4. 2014 , 10, 1301-10	30
1116	New Principles in Developmental Processes. 2014 ,	
1115	2-Arachidonoylglycerol modulates human endothelial cell/leukocyte interactions by controlling selectin expression through CB1 and CB2 receptors. 2014 , 51, 79-88	31
1114	Basal platelet-activating factor acetylhydrolase: prognostic marker of severe Hymenoptera venom anaphylaxis. 2014 , 133, 1218-20	29
1113	Tightly regulated migratory subversion of immune cells promotes the dissemination of <i>Toxoplasma gondii</i> . 2014 , 44, 85-90	27
1112	New regulatory role for SRF in neutrophils. 2014 , 123, 2903-4	2
1111	NF- κ B inhibitory activity of polyoxygenated steroids from the Vietnamese soft coral <i>Sarcophyton pauciplicatum</i> . 2014 , 24, 2834-8	13
1110	Targeting Rho-GTPases in immune cell migration and inflammation. 2014 , 171, 5491-506	58
1109	Regulation of immune responses by neutrophils. 2014 , 1319, 66-81	57
1108	The role of the gap junction protein connexin43 in B lymphocyte motility and migration. 2014 , 588, 1249-58	25
1107	Phospholipase D1 mediates lymphocyte adhesion and migration in experimental autoimmune encephalomyelitis. 2014 , 44, 2295-305	18
1106	Angiostatin inhibits activation and migration of neutrophils. 2014 , 355, 375-96	20
1105	Interactions of mesenchymal stem cells with endothelial cells. 2014 , 23, 319-32	74
1104	Targeting selectins for the treatment of inflammatory diseases. 2014 , 18, 55-67	28

1103	High-resolution imaging of intravascular atherogenic inflammation in live mice. 2014 , 114, 770-9	59
1102	Pharmacology and therapeutics of omega-3 polyunsaturated fatty acids in chronic inflammatory disease. 2014 , 141, 272-82	249
1101	The multifaceted functions of neutrophils. 2014 , 9, 181-218	664
1100	Human multipotent adult progenitor cells transcriptionally regulate fucosyltransferase VII. 2014 , 16, 566-75	5
1099	Metastatic growth progression caused by PSGL-1-mediated recruitment of monocytes to metastatic sites. 2014 , 74, 695-704	25
1098	Leukocyte migration into inflamed tissues. 2014 , 41, 694-707	636
1097	Metastasis review: from bench to bedside. 2014 , 35, 8483-523	99
1096	Extracellular matrix components in the pathogenesis of type 1 diabetes. 2014 , 14, 552	56
1095	Lidocaine reduces neutrophil recruitment by abolishing chemokine-induced arrest and transendothelial migration in septic patients. 2014 , 192, 367-76	33
1094	Influence of kinin peptides on monocyte-endothelial cell adhesion. 2014 , 115, 1985-95	2
1093	A novel pathway of rapid TLR-triggered activation of integrin-dependent leukocyte adhesion that requires Rap1 GTPase. 2014 , 25, 2948-55	23
1092	Regulation of T cell trafficking by the T cell immunoglobulin and mucin domain 1 glycoprotein. 2014 , 20, 675-84	17
1091	Extracts from <i>Brassica oleracea</i> L. convar. acephala var. sabellica inhibit TNF- α -stimulated neutrophil adhesion in vitro under flow conditions. 2014 , 5, 1082-90	6
1090	Glycobiology of leukocyte trafficking in inflammation. 2014 , 24, 1242-51	33
1089	A new leukocyte hyperadhesion syndrome of delayed cord separation, skin infection, and nephrosis. 2014 , 133, e257-62	4
1088	Soluble adhesion molecules as markers for sepsis and the potential pathophysiological discrepancy in neonates, children and adults. 2014 , 18, 204	96
1087	T cells sense biophysical cues using lamellipodia and filopodia to optimize intraluminal path finding. 2014 , 6, 450-9	21
1086	Cell surface topography is a regulator of molecular interactions during chemokine-induced neutrophil spreading. 2014 , 107, 1302-12	14

1085	Peptidylprolyl cis/trans isomerase, NIMA-interacting 1 (PIN1) regulates pulmonary effects of endotoxin and tumor necrosis factor- α in mice. 2014 , 452, 468-72	2
1084	Bioinspired microfluidic assay for in vitro modeling of leukocyte-endothelium interactions. 2014 , 86, 8344-51	41
1083	NMR characterization of the conformational fluctuations of the human lymphocyte function-associated antigen-1 I-domain. 2014 , 23, 1596-606	7
1082	NF- κ B directs dynamic super enhancer formation in inflammation and atherogenesis. 2014 , 56, 219-231	392
1081	Role of biomaterials in prevention of in-stent restenosis. 2014 , 102, 1113-20	5
1080	Myeloid-derived tissue-type plasminogen activator promotes macrophage motility through FAK, Rac1, and NF- κ B pathways. 2014 , 184, 2757-67	16
1079	Pharmacological insight into the anti-inflammatory activity of sesquiterpene lactones from <i>Neurolaena lobata</i> (L.) R.Br. ex Cass. 2014 , 21, 1695-701	21
1078	STAT4 deficiency protects against neointima formation following arterial injury in mice. 2014 , 74, 284-94	7
1077	Cytokine pathways regulating glial and leukocyte function after spinal cord and peripheral nerve injury. 2014 , 258, 62-77	71
1076	Stem Cells in Aesthetic Procedures. 2014 ,	4
1075	Thymic epithelium determines a spontaneous chronic neuritis in <i>Icam1(tm1Jcgr)</i> NOD mice. 2014 , 193, 2678-90	15
1074	Efavirenz induces interactions between leucocytes and endothelium through the activation of Mac-1 and gp150,95. 2014 , 69, 995-1004	14
1073	Miro-1 links mitochondria and microtubule Dynein motors to control lymphocyte migration and polarity. 2014 , 34, 1412-26	82
1072	Retinal dendritic cell recruitment, but not function, was inhibited in MyD88 and TRIF deficient mice. 2014 , 11, 143	17
1071	Probe and Control of Cell-Cell Interactions Using Bioengineered Tools. 2014 , 349-370	
1070	Endothelial cell-derived chemerin promotes dendritic cell transmigration. 2014 , 192, 2366-73	38
1069	The small GTPase Rap1b negatively regulates neutrophil chemotaxis and transcellular diapedesis by inhibiting Akt activation. 2014 , 211, 1741-58	45
1068	Angiostatin inhibits acute lung injury in a mouse model. 2014 , 306, L58-68	18

1067	A composite model of the human postcapillary venule for investigation of microvascular leukocyte recruitment. 2014 , 28, 1166-80	16
1066	Neutrophils mediate edema formation but not mechanical allodynia during zymosan-induced inflammation. 2014 , 96, 133-42	23
1065	Role of Toll-like receptor-4 in renal graft ischemia-reperfusion injury. 2014 , 306, F801-11	76
1064	Methylene blue modulates adhesion molecule expression on microvascular endothelial cells. 2014 , 63, 649-56	1
1063	Development and pathologies of the arterial wall. 2014 , 71, 1977-99	20
1062	Ectoenzymes in leukocyte migration and their therapeutic potential. 2014 , 36, 163-76	37
1061	JAM-related proteins in mucosal homeostasis and inflammation. 2014 , 36, 211-26	64
1060	Galectin-3 expressed on different lung compartments promotes organ specific metastasis by facilitating arrest, extravasation and organ colonization via high affinity ligands on melanoma cells. 2014 , 31, 661-73	20
1059	Database of protein complexes with multivalent binding ability: Bival-Bind. 2014 , 82, 744-51	7
1058	New paradigms in inflammatory signaling in vascular endothelial cells. 2014 , 306, H317-25	104
1057	The histamine H4 receptor is a potent inhibitor of adhesion-dependent degranulation in human neutrophils. 2014 , 96, 411-8	13
1056	[Endothelial glycocalyx of blood circulation. I. Finding, components, structure organization]. 2014 , 40, 131-41	7
1055	Multivalent glycoconjugates as vaccines and potential drug candidates. 2014 , 5, 862-878	61
1054	Platelet glycoprotein Ib-IX as a regulator of systemic inflammation. 2014 , 34, 996-1001	47
1053	Serum amyloid P: a systemic regulator of the innate immune response. 2014 , 96, 739-43	62
1052	Implications of chemokines, chemokine receptors, and inflammatory lipids in atherosclerosis. 2014 , 95, 575-85	31
1051	Transendothelial migration of effector T cells across inflamed endothelial barriers does not require heparan sulfate proteoglycans. 2014 , 26, 315-24	16
1050	Toll-like receptors: Role in inflammation and therapeutic potential. 2014 , 40, 284-94	33

1049	β2 integrin mediates hantavirus-induced release of neutrophil extracellular traps. 2014 , 211, 1485-97	122
1048	In-situ and label-free optical monitoring of the adhesion and spreading of primary monocytes isolated from human blood: dependence on serum concentration levels. 2014 , 54, 339-44	27
1047	Monocyte activity is linked with abdominal aortic aneurysm diameter. 2014 , 190, 328-34	25
1046	Pulmonary endothelial protein kinase C-delta (PKCδ) regulates neutrophil migration in acute lung inflammation. 2014 , 184, 200-13	33
1045	Connexins in respiratory and gastrointestinal mucosal immunity. 2014 , 588, 1288-96	19
1044	Ischemia-reperfusion injury in sickle cell anemia: relationship to acute chest syndrome, endothelial dysfunction, arterial vasculopathy, and inflammatory pain. 2014 , 28, 181-98	95
1043	Ultra structure analysis of cell-cell interactions between pericytes and neutrophils in vitro. 2014 , 445, 180-3	3
1042	How endothelial cells regulate transmigration of leukocytes in the inflammatory response. 2014 , 184, 886-96	91
1041	SIRT4 inhibits cigarette smoke extracts-induced mononuclear cell adhesion to human pulmonary microvascular endothelial cells via regulating NF-κB activity. 2014 , 226, 320-7	31
1040	Neutrophils recruited by chemoattractants in vivo induce microvascular plasma protein leakage through secretion of TNF. 2014 , 211, 1307-14	75
1039	ATP-binding cassette transporter 1 attenuates ovalbumin-induced neutrophilic airway inflammation. 2014 , 51, 626-36	22
1038	Exosomes derived from human macrophages suppress endothelial cell migration by controlling integrin trafficking. 2014 , 44, 1156-69	69
1037	MIF promotes B cell chemotaxis through the receptors CXCR4 and CD74 and ZAP-70 signaling. 2014 , 192, 5273-84	67
1036	Advanced platelet-rich fibrin: a new concept for cell-based tissue engineering by means of inflammatory cells. 2014 , 40, 679-89	233
1035	Plasticity of hydrogen bond networks regulates mechanochemistry of cell adhesion complexes. 2014 , 111, 9048-53	30
1034	Novel inflammatory pathways in periodontitis. 2014 , 26, 23-9	50
1033	T cell migration in intact lymph nodes in vivo. 2014 , 30, 17-24	31
1032	The Inflammatory Response during Enterohemorrhagic Escherichia coli Infection. 2014 , 2, EHEC-0012-2013	15

1031	Molecular magnetic resonance imaging of brain-immune interactions. 2014 , 8, 389	55
1030	IL-15 regulates memory CD8+ T cell O-glycan synthesis and affects trafficking. 2014 , 124, 1013-26	63
1029	A flow adhesion assay to study leucocyte recruitment to human hepatic sinusoidal endothelium under conditions of shear stress. 2014 ,	20
1028	Isolation of primary murine brain microvascular endothelial cells. 2014 , e52204	48
1027	Cell and scaffold surface engineering to enhance cell migration and tissue regeneration. 2014 , 2, 17-25	6
1026	Adaptor protein STAP-2 modulates cellular signaling in immune systems. 2014 , 37, 185-94	7
1025	NF- κ B inhibitory activities of glycosides and alkaloids from Zanthoxylum schinifolium stems. 2014 , 62, 196-202	11
1024	The cytokine midkine supports neutrophil trafficking during acute inflammation by promoting adhesion via α integrins (CD11/CD18). 2014 , 123, 1887-96	43
1023	Leukocytes require ADAM10 but not ADAM17 for their migration and inflammatory recruitment into the alveolar space. 2014 , 123, 4077-88	43
1022	Trisomy 12 chronic lymphocytic leukemia cells exhibit upregulation of integrin signaling that is modulated by NOTCH1 mutations. 2014 , 123, 4101-10	55
1021	A neutrophil intrinsic impairment affecting Rab27a and degranulation in cystic fibrosis is corrected by CFTR potentiator therapy. 2014 , 124, 999-1009	105
1020	PI3K in CLL: are 2 isoforms better than 1?. 2014 , 124, 3508-10	
1019	β 1 is INTEGRAL to septic neutrophils. 2014 , 124, 3507-8	2
1018	Carnosol inhibits cell adhesion molecules and chemokine expression by tumor necrosis factor- α in human umbilical vein endothelial cells through the nuclear factor- κ B and mitogen-activated protein kinase pathways. 2014 , 9, 476-80	12
1017	Shear flow affects selective monocyte recruitment into MCP-1-loaded scaffolds. 2014 , 18, 2176-88	31
1016	Observation of Rolling Characteristics of Neutrophils under Contact Forces. 2014 , 34, 22-27	
1015	Real-time imaging of endothelial cell-cell junctions during neutrophil transmigration under physiological flow. 2014 , e51766	10
1014	Identifizierung und Strukturbestimmung eines niedermolekularen Aktivators der LFA-1/ICAM-1-Bindung. 2014 , 126, 4410-4414	

1013	Can selectin and iNKT cell therapies meet the needs of people with sickle cell disease?. 2015 , 2015, 426-32	6
1012	Immune response to bovine viral diarrhea virus--looking at newly defined targets. 2015 , 16, 4-14	22
1011	The Role of Different Monocyte Subsets in the Pathogenesis of Atherosclerosis and Acute Coronary Syndromes. 2015 , 82, 163-73	62
1010	CD11b deficiency suppresses intestinal tumor growth by reducing myeloid cell recruitment. 2015 , 5, 15948	27
1009	Loss of the Rap1 effector RIAM results in leukocyte adhesion deficiency due to impaired α 2 integrin function in mice. 2015 , 126, 2704-12	55
1008	Endothelial cells suppress monocyte activation through secretion of extracellular vesicles containing antiinflammatory microRNAs. 2015 , 125, 3202-12	144
1007	Enforced fucosylation of cord blood hematopoietic cells accelerates neutrophil and platelet engraftment after transplantation. 2015 , 125, 2885-92	101
1006	Novel whole blood assay for phenotyping platelet reactivity in mice identifies ICAM-1 as a mediator of platelet-monocyte interaction. 2015 , 126, e11-8	20
1005	Identification and characterization of VEGF-A-responsive neutrophils expressing CD49d, VEGFR1, and CXCR4 in mice and humans. 2015 , 126, 2016-26	126
1004	In Vivo Imaging of Glial and Immune Cell Responses in Central Nervous System Injury and Disease. 2015 , 21-38	
1003	Imaging Neutrophils and Monocytes in Mesenteric Veins by Intravital Microscopy on Anaesthetized Mice in Real Time. 2015 ,	5
1002	Analyzing the effects of stromal cells on the recruitment of leukocytes from flow. 2015 , e52480	16
1001	Structural basis of blocking integrin activation and deactivation for anti-inflammation. 2015 , 22, 51	32
1000	CXCR2 is essential for cerebral endothelial activation and leukocyte recruitment during neuroinflammation. 2015 , 12, 98	58
999	Milk fat globule epidermal growth factor-factor 8-derived peptide attenuates organ injury and improves survival in sepsis. 2015 , 19, 375	15
998	C5a alters blood-brain barrier integrity in a human in vitro model of systemic lupus erythematosus. 2015 , 146, 130-43	43
997	Pathological differences between white and grey matter multiple sclerosis lesions. 2015 , 1351, 99-113	47
996	Expression of intercellular adhesion molecule-1 by myofibers in mdx mice. 2015 , 52, 795-802	5

995	BloodBrain barrier and neurological diseases. 2015 , 6, 351-361	6
994	Novel role of group VIB Ca ²⁺ -independent phospholipase A ₂ in leukocyte-endothelial cell interactions: An intravital microscopic study in rat mesentery. 2015 , 79, 782-9	3
993	Shell Cleavable Dendritic Polyglycerol Sulfates Show High Anti-Inflammatory Properties by Inhibiting L-Selectin Binding and Complement Activation. 2015 , 4, 2154-2162	27
992	Modulation of adhesion molecules by cholesterol-lowering therapy in mononuclear cells from hypercholesterolemic patients. 2015 , 33, 168-76	9
991	Human microvascular pericyte basement membrane remodeling regulates neutrophil recruitment. 2015 , 22, 54-67	22
990	Strategies that target leukocyte traffic in inflammatory bowel diseases: recent developments. 2015 , 31, 441-8	27
989	Heparan sulphate as a regulator of leukocyte recruitment in inflammation. 2015 , 16, 77-86	47
988	The Association between Physical Exercise and Reactive Oxygen Species (ROS) Production. 2015 , 05,	7
987	Immunosuppressive effects of the standardized extract of <i>Phyllanthus amarus</i> on cellular immune responses in Wistar-Kyoto rats. 2015 , 9, 4917-30	19
986	Assessment of Inflammation in an Acute on Chronic Model of Inflammatory Bowel Disease with Ultrasound Molecular Imaging. 2015 , 5, 1175-86	30
985	The Noninflammatory Phenotype of Neutrophils From the Closed-Eye Environment: A Flow Cytometry Analysis of Receptor Expression. 2015 , 56, 4582-91	27
984	Polarization of Macrophages in Metabolic Diseases. 2015 , 06,	1
983	Fermented Brown Rice and Rice Bran with <i>Aspergillus oryzae</i> (FBRA) Prevents Inflammation-Related Carcinogenesis in Mice, through Inhibition of Inflammatory Cell Infiltration. 2015 , 7, 10237-50	26
982	T Cell Migration in Rheumatoid Arthritis. 2015 , 6, 384	158
981	Memory T Cell Migration. 2015 , 6, 504	13
980	T Cell Motility as Modulator of Interactions with Dendritic Cells. 2015 , 6, 559	5
979	T Lymphocyte-Endothelial Interactions: Emerging Understanding of Trafficking and Antigen-Specific Immunity. 2015 , 6, 603	96
978	Arterial Hypertension Aggravates Innate Immune Responses after Experimental Stroke. 2015 , 9, 461	23

977	Fingolimod prevents blood-brain barrier disruption induced by the sera from patients with multiple sclerosis. 2015 , 10, e0121488	37
976	Chemokine Transfer by Liver Sinusoidal Endothelial Cells Contributes to the Recruitment of CD4+ T Cells into the Murine Liver. 2015 , 10, e0123867	17
975	Elevated sodium and dehydration stimulate inflammatory signaling in endothelial cells and promote atherosclerosis. 2015 , 10, e0128870	47
974	Intravital Imaging of Vascular Transmigration by the Lyme Spirochete: Requirement for the Integrin Binding Residues of the B. burgdorferi P66 Protein. 2015 , 11, e1005333	29
973	Platelets and the complement cascade in atherosclerosis. 2015 , 6, 49	37
972	A Review of Cell Adhesion Studies for Biomedical and Biological Applications. 2015 , 16, 18149-84	448
971	The olive oil-based lipid clinoleic blocks leukocyte recruitment and improves survival during systemic inflammation: a comparative in vivo study of different parenteral lipid emulsions. 2015 , 2015, 757059	7
970	Crossing the Vascular Wall: Common and Unique Mechanisms Exploited by Different Leukocyte Subsets during Extravasation. 2015 , 2015, 946509	99
969	CCR9 antagonism: potential in the treatment of Inflammatory Bowel Disease. 2015 , 8, 119-30	36
968	Platelets in leucocyte recruitment and function. 2015 , 107, 386-95	63
967	Lipid raft-associated α -adducin is required for PSGL-1-mediated neutrophil rolling on P-selectin. 2015 , 97, 297-306	6
966	Mechanokinetics of receptor-ligand interactions in cell adhesion. 2015 , 31, 248-258	10
965	Monocyte trafficking across the vessel wall. 2015 , 107, 321-30	244
964	Role of the endothelial surface layer in neutrophil recruitment. 2015 , 98, 503-15	84
963	Complexity of the cell-cell interactions in the innate immune response after cerebral ischemia. 2015 , 1623, 53-62	13
962	Selectins: initiators of leucocyte adhesion and signalling at the vascular wall. 2015 , 107, 331-9	272
961	C-reactive protein and inflammation: conformational changes affect function. 2015 , 396, 1181-97	156
960	Pathobiology and Mechanisms of Atherosclerosis. 2015 , 3-38	1

959 The Biochemistry of Endothelial Cells. **2015**, 375-386

958 Systemic Manifestations of Mucosal Diseases. **2015**, 1749-1759

957 Myeloid-derived suppressor cells in immunity and autoimmunity. **2015**, 11, 911-9 12

956 Spatiotemporal expression dynamics of selectins govern the sequential extravasation of neutrophils and monocytes in the acute inflammatory response. **2015**, 35, 899-910 21

955 Development and trafficking function of haematopoietic stem cells and myeloid cells during fetal ontogeny. **2015**, 107, 352-63 10

954 Extracellular MRP8/14 is a regulator of α 2 integrin-dependent neutrophil slow rolling and adhesion. **2015**, 6, 6915 104

953 A novel role of kukoamine B: Inhibition of the inflammatory response in the livers of lipopolysaccharide-induced septic mice via its unique property of combining with lipopolysaccharide. **2015**, 9, 725-732 6

952 Neuroinflammation and demyelination from the point of nitrosative stress as a new target for neuroprotection. **2015**, 26, 49-73 11

951 Pathobiology of acute respiratory distress syndrome. **2015**, 16, S6-22 59

950 EphA2 promotes cell adhesion and spreading of monocyte and monocyte/macrophage cell lines on integrin ligand-coated surfaces. **2015**, 9, 469-82 15

949 Haemanthus coccineus extract and its main bioactive component narciclasine display profound anti-inflammatory activities in vitro and in vivo. **2015**, 19, 1021-32 21

948 Therapeutic roles of carbon monoxide in intestinal ischemia-reperfusion injury. **2015**, 30 Suppl 1, 46-52 17

947 The Positively Charged COOH-terminal Glycosaminoglycan-binding CXCL9(74-103) Peptide Inhibits CXCL8-induced Neutrophil Extravasation and Monosodium Urate Crystal-induced Gout in Mice. **2015**, 290, 21292-304 42

946 The regulation of transendothelial migration: new knowledge and new questions. **2015**, 107, 310-20 58

945 Intracellular signalling during neutrophil recruitment. **2015**, 107, 373-85 89

944 Halloysite Nanotube Coatings Suppress Leukocyte Spreading. **2015**, 31, 13553-60 7

943 Galectin-1 regulates tissue exit of specific dendritic cell populations. **2015**, 290, 22662-77 35

942 Tetraspanin CD37 Regulates α 2 Integrin-Mediated Adhesion and Migration in Neutrophils. **2015**, 195, 5770-9 24

941	Visualization of integrin Mac-1 in vivo. 2015 , 426, 120-7	6
940	Effects of Simulated Microgravity on Functions of Neutrophil-like HL-60 Cells. 2015 , 27, 515-527	15
939	MRI/MRS in neuroinflammation: methodology and applications. 2015 , 3, 475-489	38
938	NSAIDs: learning new tricks from old drugs. 2015 , 45, 679-86	62
937	Inflammation and the blood microvascular system. 2014 , 7, a016345	134
936	Non-genetic engineering of cells for drug delivery and cell-based therapy. 2015 , 91, 125-40	157
935	Deficiency of both L-selectin and ICAM-1 exacerbates imiquimod-induced psoriasis-like skin inflammation through increased infiltration of antigen presenting cells. 2015 , 157, 43-55	13
934	Histone deacetylases and atherosclerosis. 2015 , 240, 355-66	35
933	TAT-SNAP-23 treatment inhibits the priming of neutrophil functions contributing to shock and/or sepsis-induced extra-pulmonary acute lung injury. 2015 , 21, 42-54	28
932	The impact of surgical timing and intervention on outcome in traumatized dogs and cats. 2015 , 25, 63-75	10
931	Effects of acute systemic administration of TiO ₂ , ZnO, SiO ₂ , and Ag nanoparticles on hemodynamics, hemostasis and leukocyte recruitment. 2015 , 9, 963-71	21
930	Neutrophil homeostasis and inflammation: novel paradigms from studying periodontitis. 2015 , 98, 539-48	66
929	Size dependence of steric shielding and multivalency effects for globular binding inhibitors. 2015 , 137, 2572-9	51
928	Cellular immune surveillance of central nervous system bypasses blood-brain barrier and blood-cerebrospinal-fluid barrier: revealed with the New Marburg cerebrospinal-fluid model in healthy humans. 2015 , 87, 227-43	15
927	FRNK negatively regulates IL-4-mediated inflammation. 2015 , 128, 695-705	8
926	PI3K signalling in inflammation. 2015 , 1851, 882-97	278
925	Mutation in the CD45 inhibitory wedge modulates integrin activation and leukocyte recruitment during inflammation. 2015 , 194, 728-38	13
924	Homing properties of mesenchymal stromal cells. 2015 , 15, 477-9	19

923	Molecular mechanisms of CD8(+) T cell trafficking and localization. 2015 , 72, 2461-73	47
922	Controlling the fire--tissue-specific mechanisms of effector regulatory T-cell homing. 2015 , 93, 355-63	25
921	Ly6C(high) monocytes control cerebral toxoplasmosis. 2015 , 194, 3223-35	70
920	ADAM-family metalloproteinases in lung inflammation: potential therapeutic targets. 2015 , 308, L325-43	80
919	Identifying a molecular and cellular phenotype of mesenchymal stem cells mobilized from substance P in the peripheral blood. 2015 , 12, 128-142	2
918	Protein tyrosine phosphatase receptor type β s a JAK phosphatase and negatively regulates leukocyte integrin activation. 2015 , 194, 2168-79	16
917	The methyltransferase Ezh2 controls cell adhesion and migration through direct methylation of the extranuclear regulatory protein talin. 2015 , 16, 505-16	106
916	Complement inhibition in a xenogeneic model of interactions between human whole blood and porcine endothelium. 2015 , 47, 36-42	15
915	Neutrophils promote Alzheimer's disease-like pathology and cognitive decline via LFA-1 integrin. 2015 , 21, 880-6	354
914	Control of CD8 T-Cell Infiltration into Tumors by Vasculature and Microenvironment. 2015 , 128, 263-307	85
913	Beyond vascular inflammation--recent advances in understanding atherosclerosis. 2015 , 72, 3853-69	46
912	Leukotriene B4-Neutrophil Elastase Axis Drives Neutrophil Reverse Transendothelial Cell Migration In Vivo. 2015 , 42, 1075-86	150
911	Chemokine CXCL1-Mediated Neutrophil Trafficking in the Lung: Role of CXCR2 Activation. 2015 , 7, 647-58	62
910	Fine-tuning Tumor Immunity with Integrin Trans-regulation. 2015 , 3, 661-7	18
909	Structure and dynamics of the integrin LFA-1 I-domain in the inactive state underlie its inside-out/outside-in signaling and allosteric mechanisms. 2015 , 23, 745-53	15
908	Synergistic Action of Staphylococcus aureus β -Toxin on Platelets and Myeloid Lineage Cells Contributes to Lethal Sepsis. 2015 , 17, 775-87	64
907	Intermuscular and perimuscular fat expansion in obesity correlates with skeletal muscle T cell and macrophage infiltration and insulin resistance. 2015 , 39, 1607-18	98
906	O-glycans direct selectin ligands to lipid rafts on leukocytes. 2015 , 112, 8661-6	33

905	RABGTPases in MT1-MMP trafficking and cell invasion: Physiology versus pathology. 2015 , 6, 145-52	16
904	Inflammation and Lung Cancer. 2015 ,	0
903	Cross-Talk between Shp1 and PIPKI Controls Leukocyte Recruitment. 2015 , 195, 1152-61	17
902	Increased plasma monocyte chemoattractant protein-1 levels in patients with isolated low high-density lipoprotein cholesterol. 2015 , 75, 327-32	14
901	Blocking neutrophil integrin activation prevents ischemia-reperfusion injury. 2015 , 212, 1267-81	62
900	Organ-specific migration of mesenchymal stromal cells: Who, when, where and why?. 2015 , 168, 159-69	45
899	Quantitative Glycoproteomic Analysis Identifies Platelet-Induced Increase of Monocyte Adhesion via the Up-Regulation of Very Late Antigen 5. 2015 , 14, 3015-26	3
898	ADAM9 disintegrin domain activates human neutrophils through an autocrine circuit involving integrins and CXCR2. 2015 , 97, 951-962	14
897	Inflammation and Lung Cancer: The Link to Angiogenesis. 2015 , 137-159	
896	12/15-Lipoxygenase-dependent ROS production is required for diet-induced endothelial barrier dysfunction. 2015 , 56, 562-577	19
895	Proteomic Analysis of the Pericyte Derived Extracellular Matrix. 2015 , 8, 349-363	6
894	Blocking neutrophil diapedesis prevents hemorrhage during thrombocytopenia. 2015 , 212, 1255-66	56
893	VEGF-induced blood flow increase causes vascular hyper-permeability in vivo. 2015 , 464, 590-5	22
892	Hck/Fgr Kinase Deficiency Reduces Plaque Growth and Stability by Blunting Monocyte Recruitment and Intraplaque Motility. 2015 , 132, 490-501	16
891	Endothelial CD99 signals through soluble adenylyl cyclase and PKA to regulate leukocyte transendothelial migration. 2015 , 212, 1021-41	75
890	Pentoxifylline reverses chronic experimental Chagasic cardiomyopathy in association with repositioning of abnormal CD8+ T-cell response. 2015 , 9, e0003659	24
889	Human severe sepsis cytokine mixture increases α 2-integrin-dependent polymorphonuclear leukocyte adhesion to cerebral microvascular endothelial cells in vitro. 2015 , 19, 149	16
888	The cancer glycome: carbohydrates as mediators of metastasis. 2015 , 29, 269-79	73

887	Cytoskeletal rearrangement and Src and PI-3K-dependent Akt activation control GABA(B)R-mediated chemotaxis. 2015 , 27, 1178-1185	16
886	Regulation of leucocyte homeostasis in the circulation. 2015 , 107, 340-51	62
885	Endothelial actin-binding proteins and actin dynamics in leukocyte transendothelial migration. 2015 , 194, 3535-41	61
884	Homeostatic regulation of T cell trafficking by a B cell-derived peptide is impaired in autoimmune and chronic inflammatory disease. 2015 , 21, 467-475	64
883	DAP12 expression in lung macrophages mediates ischemia/reperfusion injury by promoting neutrophil extravasation. 2015 , 194, 4039-48	34
882	Glycopeptide analogues of PSGL-1 inhibit P-selectin in vitro and in vivo. 2015 , 6, 6387	50
881	Echogenic perfluorohexane-loaded macrophages adhere in vivo to activated vascular endothelium in mice, an explorative study. 2015 , 13, 1	7
880	Effects of an anti-inflammatory VAP-1/SSAO inhibitor, PXS-4728A, on pulmonary neutrophil migration. 2015 , 16, 42	36
879	Design strategies and applications of circulating cell-mediated drug delivery systems. 2015 , 1, 201-217	111
878	The role of chemokines in cutaneous immunosurveillance. 2015 , 93, 337-46	20
877	Adult neural stem cells: Long-term self-renewal, replenishment by the immune system, or both?. 2015 , 37, 495-501	9
876	Therapeutic potential of caffeic acid phenethyl ester and its anti-inflammatory and immunomodulatory effects (Review). 2015 , 9, 1582-1588	88
875	Cardiovascular Imaging. 2015 ,	1
874	Critical differences between two classical surgical approaches for middle cerebral artery occlusion-induced stroke in mice. 2015 , 249, 99-105	16
873	How methicillin-resistant Staphylococcus aureus evade neutrophil killing. 2015 , 22, 30-5	29
872	The regulatory role of serum response factor pathway in neutrophil inflammatory response. 2015 , 22, 67-73	13
871	L-selectin shedding is activated specifically within transmigrating pseudopods of monocytes to regulate cell polarity in vitro. 2015 , 112, E1461-70	39
870	TRPC1 regulates fMLP-stimulated migration and chemotaxis of neutrophil granulocytes. 2015 , 1853, 2122-30	24

869	Pretreatment of human cerebrovascular endothelial cells with CO-releasing molecule-3 interferes with JNK/AP-1 signaling and suppresses LPS-induced proadhesive phenotype. 2015 , 22, 28-36	14
868	Macrophages in vascular inflammation--From atherosclerosis to vasculitis. 2015 , 48, 139-51	81
867	DNA nanotubes as intracellular delivery vehicles in vivo. 2015 , 53, 453-63	82
866	Epithelial adhesion molecules and the regulation of intestinal homeostasis during neutrophil transepithelial migration. 2015 , 3, e969100	28
865	Vascular endothelial cell Toll-like receptor pathways in sepsis. 2015 , 21, 827-46	126
864	Expression of adhesion molecules, chemokines and matrix metallo- proteinases (MMPs) in viable and degenerating stage of <i>Taenia solium</i> metacestode in swine neurocysticercosis. 2015 , 214, 59-66	8
863	Neutrophils: important contributors to tumor progression and metastasis. 2015 , 34, 735-51	114
862	TRPC6 is the endothelial calcium channel that regulates leukocyte transendothelial migration during the inflammatory response. 2015 , 212, 1883-99	79
861	Selectin-mediated leukocyte trafficking during the development of autoimmune disease. 2015 , 14, 984-95	14
860	Niclosamide inhibits the inflammatory and angiogenic activation of human umbilical vein endothelial cells. 2015 , 64, 1023-32	13
859	Cytidine-5-diphosphocholine reduces microvascular permeability during experimental endotoxemia. 2015 , 15, 114	6
858	The interaction of G α 13 with integrin α 1 mediates cell migration by dynamic regulation of RhoA. 2015 , 26, 3658-70	20
857	Regulation of Instant Blood Mediated Inflammatory Reaction (IBMIR) in Pancreatic Islet Xeno-Transplantation: Points for Therapeutic Interventions. 2015 , 865, 171-88	19
856	New insights into ADAMs regulation of the GRO- β /CXCR2 system: focus on Sjögren's syndrome. 2015 , 34, 486-99	4
855	SLAT promotes TCR-mediated, Rap1-dependent LFA-1 activation and adhesion through interaction of its PH domain with Rap1. 2015 , 128, 4341-52	5
854	Kinetics of lung tissue factor expression and procoagulant activity in bleomycin induced acute lung injury. 2015 , 4, 63	6
853	Chemokine Signaling Controls Integrity of Radial Glial Scaffold in Developing Spinal Cord and Consequential Proper Position of Boundary Cap Cells. 2015 , 35, 9211-24	13
852	Cytokines in atherosclerosis: Key players in all stages of disease and promising therapeutic targets. 2015 , 26, 673-85	282

851	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P1 to limit vascular inflammation. 2015 , 8, ra79	180
850	Endothelial LSP1 Modulates Extravascular Neutrophil Chemotaxis by Regulating Nonhematopoietic Vascular PECAM-1 Expression. 2015 , 195, 2408-16	18
849	Versatile multiple protein nanopatterning within a microfluidic channel for cell recruitment studies. 2015 , 15, 4524-32	10
848	Role of Mesenchymal Stem Cells, Macrophages, and Biomaterials During Myocardial Repair. 2015 , 1-15	
847	Pannexin 1 channels regulate leukocyte emigration through the venous endothelium during acute inflammation. 2015 , 6, 7965	108
846	Multi-Inhibitory Effects of A2A Adenosine Receptor Signaling on Neutrophil Adhesion Under Flow. 2015 , 195, 3880-9	30
845	MicroRNA-30 mediates anti-inflammatory effects of shear stress and KLF2 via repression of angiopoietin 2. 2015 , 88, 111-9	39
844	Inflammatory response of endothelial cells to a human endogenous retrovirus associated with multiple sclerosis is mediated by TLR4. 2015 , 27, 545-53	57
843	Protrusive and Contractile Forces of Spreading Human Neutrophils. 2015 , 109, 699-709	13
842	Mas receptor deficiency exacerbates lipopolysaccharide-induced cerebral and systemic inflammation in mice. 2015 , 220, 1311-21	14
841	Extracellular signal-regulated kinase 5 promotes acute cellular and systemic inflammation. 2015 , 8, ra86	23
840	Macrophage activation in human diseases. 2015 , 27, 249-56	72
839	Leukocyte transcellular diapedesis: Rap1b is in control. 2015 , 3, e1052185	4
838	Immune Responses to Biosurfaces. 2015 ,	4
837	Differential effects of anti-TNF- α and anti-IL-12/23 agents on human leukocyte-endothelial cell interactions. 2015 , 765, 355-65	23
836	Positive and negative regulation by SLP-76/ADAP and Pyk2 of chemokine-stimulated T-lymphocyte adhesion mediated by integrin α 1. 2015 , 26, 3215-28	7
835	Prostaglandin D2 and leukotriene E4 synergize to stimulate diverse TH2 functions and TH2 cell/neutrophil crosstalk. 2015 , 135, 1358-66.e1-11	40
834	The direction of migration of T-lymphocytes under flow depends upon which adhesion receptors are engaged. 2015 , 7, 345-55	34

833	Drug carrier interaction with blood: a critical aspect for high-efficient vascular-targeted drug delivery systems. 2015 , 6, 915-34	8
832	Beyond RGD: virus interactions with integrins. 2015 , 160, 2669-81	86
831	FRET detection of lymphocyte function-associated antigen-1 conformational extension. 2015 , 26, 43-54	12
830	The Innate Immune Receptor CD14 Mediates Lymphocyte Migration in EAE. 2015 , 37, 269-75	9
829	Interference-free Micro/nanoparticle Cell Engineering by Use of High-Throughput Microfluidic Separation. 2015 , 7, 20855-64	17
828	CD99-like 2 (CD99L2)-deficient mice are defective in the acute inflammatory response. 2015 , 99, 455-9	5
827	Nicorandil inhibits neutrophil recruitment in carrageenan-induced experimental pleurisy in mice. 2015 , 769, 306-12	13
826	Dysregulation of leukocyte trafficking in ageing: Causal factors and possible corrective therapies. 2021 , 163, 105323	4
825	Tissue factor potentiates adherence of breast cancer cells to human umbilical vein endothelial cells under static and flow conditions. 2021 , 15, 74-83	1
824	The Role of Neutrophils and Neutrophil Extracellular Traps in Acute Pancreatitis. 2020 , 8, 565758	5
823	Prkaa1 Metabolically Regulates Monocyte/Macrophage Recruitment and Viability in Diet-Induced Murine Metabolic Disorders. 2020 , 8, 611354	0
822	The Utility of the Neutrophil-Lymphocyte Ratio as an Early Diagnostic Marker in Neonatal Sepsis. 2021 , 13, e12891	2
821	Pharmacological inhibition of focal adhesion kinase 1 (FAK1) and anaplastic lymphoma kinase (ALK) identified via kinome profile analysis attenuates lipopolysaccharide-induced endothelial inflammatory activation. 2021 , 133, 111073	2
820	Frontline Science: The expression of integrin α (CD11d/CD18) on neutrophils orchestrates the defense mechanism against endotoxemia and sepsis. 2021 , 109, 877-890	3
819	Neutrophil Extracellular Traps in Inflammatory Bowel Disease: Pathogenic Mechanisms and Clinical Translation. 2021 , 12, 321-333	10
818	Dynamic persistence of intracellular bacterial communities of uropathogenic Escherichia coli in a human bladder-chip model of urinary tract infections.	2
817	Mapping the morphological identifiers of distinct conformations via the protein translocation current in nanopores. 2021 , 13, 6053-6065	0
816	Biology of Graft-Versus-Host Disease. 2021 , 55-73	

815	Immunology of the decidua. 2021 , 129-145	1
814	Endothelial dysfunction sustains immune response in atherosclerosis: potential cause for ineffectiveness of prevailing drugs. 2021 , 1-19	1
813	Inorganic polyphosphate modulates leukocyte accumulation and vascular endothelial cell permeability and ameliorates cecal ligation and puncture-induced lethality. 2021 , 8, 89-96	
812	L-Selectin expression is associated with inflammatory microenvironment and favourable prognosis in breast cancer. 2021 , 11, 38	4
811	Microfabricated platforms for the analysis of immune cell migration under complex microenvironments. 2021 , 3, 1-9	1
810	Dynamic Microtubule Arrays in Leukocytes and Their Role in Cell Migration and Immune Synapse Formation. 2021 , 9, 635511	9
809	Differential Expression of CD49a and CD49b Determines Localization and Function of Tumor-Infiltrating CD8 T Cells. 2021 , 9, 583-597	3
808	The neurorepellent, Slit2, prevents macrophage lipid loading by inhibiting CD36-dependent binding and internalization of oxidized low-density lipoprotein. 2021 , 11, 3614	2
807	L-selectin regulates human neutrophil transendothelial migration. 2021 , 134,	5
806	2 Integrin Signaling Cascade in Neutrophils: More Than a Single Function. 2020 , 11, 619925	8
805	Endothelial Cells in Emerging Viral Infections. 2021 , 8, 619690	17
804	Incorporating Immunoproteins in the Development of Classification Models of Progression of Intracranial Hemorrhage After Traumatic Brain Injury. 2021 , 36, E322-E328	
803	Photodynamic/ photothermal therapy enhances neutrophil-mediated ibrutinib tumor delivery for potent tumor immunotherapy: More than one plus one?. 2021 , 269, 120652	8
802	Thromboembolic Adverse Drug Reactions in Janus Kinase (JAK) Inhibitors: Does the Inhibitor Specificity Play a Role?. 2021 , 22,	9
801	Rethinking CRITID Procedure of Brain Targeting Drug Delivery: Circulation, Blood Brain Barrier Recognition, Intracellular Transport, Diseased Cell Targeting, Internalization, and Drug Release. 2021 , 8, 2004025	33
800	Dysregulation of Leukocyte Trafficking in Type 2 Diabetes: Mechanisms and Potential Therapeutic Avenues. 2021 , 9, 624184	5
799	Biologia Futura: stories about the functions of β -integrins in human phagocytes. 2021 , 72, 7-13	0
798	Glycans and Glycan-Binding Proteins as Regulators and Potential Targets in Leukocyte Recruitment. 2021 , 9, 624082	4

797	Stabilization of the Hinge Region of Human E-selectin Enhances Binding Affinity to Ligands Under Force. 2021 , 14, 65-74	1
796	Regulatory mechanisms of neutrophil migration from the circulation to the airspace. 2021 , 78, 4095-4124	9
795	Macrophage migration inhibitory factor inhibits neutrophil apoptosis by inducing cytokine release from mononuclear cells. 2021 , 110, 893-905	4
794	Inflammatory Cell Recruitment in Cardiovascular Disease. 2021 , 9, 635527	15
793	Monocyte Subset Recruitment Marker Profile Is Inversely Associated With Blood ApoA1 Levels. 2021 , 12, 616305	1
792	Margination and adhesion dynamics of tumor cells in a real microvascular network. 2021 , 17, e1008746	5
791	Interactions Between Neutrophils and Periodontal Pathogens in Late-Onset Periodontitis. 2021 , 11, 627328	4
790	Location is important: differentiation between ileal and colonic Crohn's disease. 2021 , 18, 544-558	13
789	Elevated postischemic tissue injury and leukocyte-endothelial adhesive interactions in mice with global deficiency in caveolin-2: role of PAI-1. 2021 , 320, H1185-H1198	1
788	Anti-CD321 antibody immunotherapy protects liver against ischemia and reperfusion-induced injury. 2021 , 11, 6312	0
787	Roles of neutrophil granule proteins in orchestrating inflammation and immunity. 2021 ,	9
786	VISTA: A Mediator of Quiescence and a Promising Target in Cancer Immunotherapy. 2021 , 42, 209-227	11
785	The influence of BACE1 on macrophage recruitment and activity in the injured peripheral nerve. 2021 , 18, 71	2
784	Identification of an Immature Subset of PMN-MDSC Correlated to Response to Checkpoint Inhibitor Therapy in Patients with Metastatic Melanoma. 2021 , 13,	2
783	Nitric oxide modulation in neuroinflammation and the role of mesenchymal stem cells. 2021 , 246, 2399-2406	3
782	Enhancing Inflammation Targeting Using Tunable Leukocyte-Based Biomimetic Nanoparticles. 2021 , 15, 6326-6339	19
781	The Immune System in Liver Transplantation. 2021 , 317-333	
780	Micromechanical properties and functional activity of granulocytes when simulating exogenous loading with ATP in vitro. 2021 , 20, 34-40	

779	Recent Advancements in Nanomedicine for 'Cold' Tumor Immunotherapy. 2021 , 13, 92	10
778	MiR-375 silencing attenuates pro-inflammatory macrophage response and foam cell formation by targeting KLF4. 2021 , 400, 112507	3
777	Neutrophil in Reverse Migration: Role in Sepsis. 2021 , 12, 656039	5
776	Lipid-induced endothelial vascular cell adhesion molecule 1 promotes nonalcoholic steatohepatitis pathogenesis. 2021 , 131,	11
775	Review: The Emerging Role of Neutrophil Extracellular Traps in Sepsis and Sepsis-Associated Thrombosis. 2021 , 11, 653228	17
774	Cell-Based Delivery Systems: Emerging Carriers for Immunotherapy. 2021 , 31, 2100088	21
773	Cellular and Molecular Crosstalk of Graft Endothelial Cells During AMR: Effector Functions and Mechanisms. 2021 , 105, e156-e167	3
772	Maintaining a protective state for human periodontal tissue. 2021 , 86, 142-156	5
771	MicroLet-7b Regulates Neutrophil Function and Dampens Neutrophilic Inflammation by Suppressing the Canonical TLR4/NF- κ B Pathway. 2021 , 12, 653344	3
770	α 2 Integrin Regulation of Neutrophil Functional Plasticity and Fate in the Resolution of Inflammation. 2021 , 12, 660760	6
769	Opportunities to Target T Cell Trafficking in Pediatric Inflammatory Bowel Disease. 2021 , 9, 640497	2
768	Oxidation shuts down an auto-inhibitory mechanism of von Willebrand factor. 2021 , 89, 731-741	0
767	[Endothelial dysfunction in thrombotic thrombocytopenic purpura: therapeutic perspectives]. 2021 , 42, 202-209	0
766	Intestinal Mucosal Wound Healing and Barrier Integrity in IBD-Crosstalk and Trafficking of Cellular Players. 2021 , 8, 643973	9
765	Insights Into Leukocyte Trafficking in Inflammatory Arthritis - Imaging the Joint. 2021 , 9, 635102	1
764	A venous-specific purinergic signaling cascade initiated by Pannexin 1 regulates TNF α -induced increases in endothelial permeability. 2021 , 14,	13
763	Elevated ZIPK is required for TNF α -induced cell adhesion molecule expression and leucocyte adhesion in endothelial cells. 2021 , 53, 567-574	0
762	Of Lymph Nodes and CLL Cells: Deciphering the Role of CCR7 in the Pathogenesis of CLL and Understanding Its Potential as Therapeutic Target. 2021 , 12, 662866	4

761	Intra-vital imaging of mesenchymal stromal cell kinetics in the pulmonary vasculature during infection. 2021 , 11, 5265	4
760	Elucidating the Biomechanics of Leukocyte Transendothelial Migration by Quantitative Imaging. 2021 , 9, 635263	2
759	Enhanced treatment for cerebral ischemia-reperfusion injury of puerarin loading liposomes through neutrophils-mediated targeted delivery. 2021 , 14, 4634	1
758	Cell Surface Profiling of Retinal Müller Glial Cells Reveals Association to Immune Pathways after LPS Stimulation. 2021 , 10,	5
757	Mutational analysis of structural proteins of SARS-CoV-2. 2021 , 7, e06572	11
756	Bioengineered in vitro models of leukocyte-vascular interactions. 2021 , 49, 693-704	1
755	Antox [®] and Bactofort [®] mitigated the haematological alterations induced by a very virulent infectious bursal disease virus in chicks. 2021 , 45, 101-109	
754	Phaseolin Attenuates Lipopolysaccharide-Induced Inflammation in RAW 264.7 Cells and Zebrafish. 2021 , 9,	2
753	Functional Mapping of Adhesiveness on Live Cells Reveals How Guidance Phenotypes Can Emerge From Complex Spatiotemporal Integrin Regulation. 2021 , 9, 625366	0
752	Released Myeloperoxidase Attenuates Neutrophil Migration and Accumulation in Inflamed Tissue. 2021 , 12, 654259	4
751	Natural lactucopicrin alleviates importin- β -mediated NF- κ B activation in inflamed endothelial cells and improves sepsis in mice. 2021 , 186, 114501	4
750	Evaluation of von Willebrand factor as a marker for early diagnosis of Acute Respiratory Distress Syndrome in comparison to Interleukin-6. 2021 , 13,	
749	Single-cell dissection of the human cerebrovasculature in health and disease.	4
748	Clinical and Molecular Approach to Adult-Onset, Neoplastic Monocytosis. 2021 , 16, 276-285	1
747	Cell adhesion molecule-mediated therapeutic strategies in atherosclerosis: From a biological basis and molecular mechanism to drug delivery nanosystems. 2021 , 186, 114471	5
746	ALK7 Acts as a Positive Regulator of Macrophage Activation through Down-Regulation of PPAR γ Expression. 2021 , 28, 375-384	3
745	Neutrophil transendothelial migration hotspots - mechanisms and implications. 2021 , 134,	3
744	Exposure to Low to Moderate Doses of Ionizing Radiation Induces A Reduction of Pro-Inflammatory Ly6chigh Monocytes and a U-Curved Response of T Cells in APOE -/- Mice. 2021 , 19, 15593258211016237	2

743	Sickle cell vaso-occlusion: The dialectic between red cells and white cells. 2021 , 246, 1458-1472	3
742	The Dynamic Entropy of Tumor Immune Infiltrates: The Impact of Recirculation, Antigen-Specific Interactions, and Retention on T Cells in Tumors. 2021 , 11, 653625	4
741	Suppression of macrophage migration by down-regulating Src/FAK/P130Cas activation contributed to the anti-inflammatory activity of sinomenine. 2021 , 167, 105513	6
740	uPA-PAI-1 heteromerization promotes breast cancer progression by attracting tumorigenic neutrophils. 2021 , 13, e13110	0
739	Macrophage 3D migration: A potential therapeutic target for inflammation and deleterious progression in diseases. 2021 , 167, 105563	4
738	Intracellular and Extracellular Roles of Granzyme K. 2021 , 12, 677707	5
737	Peripherally Acting Opioids in Orofacial Pain. 2021 , 15, 665445	1
736	An overview of diabetic retinopathy and other ocular complications of diabetes mellitus. 2021 , 36, 71-76	1
735	Hypoxia Engineered Bone Marrow Mesenchymal Stem Cells Targeting System with Tumor Microenvironment Regulation for Enhanced Chemotherapy of Breast Cancer. 2021 , 9,	1
734	Unrestrained G β Signaling Disrupts Neutrophil Trafficking, Aging, and Clearance. 2021 , 12, 679856	0
733	Defective Neutrophil Transendothelial Migration and Lateral Motility in ARPC1B Deficiency Under Flow Conditions. 2021 , 12, 678030	2
732	Monocyte phenotype as a predictive marker for wound healing in diabetes-related foot ulcers. 2021 , 35, 107889	2
731	The multifaceted roles of the chemokines CCL2 and CXCL12 in osteophilic metastatic cancers. 2021 , 40, 427-445	4
730	Biomechanics of Neutrophil Tethers. 2021 , 11,	1
729	Calprotectin: An Ignored Biomarker of Neutrophilia in Pediatric Respiratory Diseases. 2021 , 8,	2
728	Stressing the Endothelium to Assess Localized Inflammatory Potential and the Risk for Atherosclerotic Cardiovascular Disease. 2021 , 143, 1946-1948	1
727	Histone deacetylase 1 controls CD4 T cell trafficking in autoinflammatory diseases. 2021 , 119, 102610	3
726	Bifunctional iRGD-anti-CD3 enhances antitumor potency of T cells by facilitating tumor infiltration and T-cell activation. 2021 , 9,	3

7 ²⁵	Phagocytosis, Degranulation and Extracellular Traps Release by Neutrophils-The Current Knowledge, Pharmacological Modulation and Future Prospects. 2021 , 12, 666732	4
7 ²⁴	Targeting Immune Cell Trafficking - Insights From Research Models and Implications for Future IBD Therapy. 2021 , 12, 656452	3
7 ²³	Marginal Zone B Cells Assist With Neutrophil Accumulation to Fight Against Systemic Infection. 2021 , 12, 636818	2
7 ²²	HIF2 β s a direct regulator of neutrophil motility. 2021 , 137, 3416-3427	3
7 ²¹	Characterization of -Octadecanoyl-5-hydroxytryptamide Anti-Inflammatory Effect. 2021 , 26,	1
7 ²⁰	Endothelial Dysfunction in Atherosclerotic Cardiovascular Diseases and Beyond: From Mechanism to Pharmacotherapies. 2021 , 73, 924-967	73
7 ¹⁹	The lysosomal Ragulator complex plays an essential role in leukocyte trafficking by activating myosin II. 2021 , 12, 3333	0
7 ¹⁸	Pathogenic and therapeutic roles of cytokines in acute myeloid leukemia. 2021 , 142, 155508	1
7 ¹⁷	Mesna ameliorates acute lung injury induced by intestinal ischemia-reperfusion in rats. 2021 , 11, 13356	4
7 ¹⁶	Splice Factor Polypyrimidine tract-binding protein 1 (Ptbp1) is Required for Immune Priming of the Endothelium in Atherogenic Disturbed Flow Conditions.	0
7 ¹⁵	Regenerative cross talk between cardiac cells and macrophages. 2021 , 320, H2211-H2221	6
7 ¹⁴	Proteomic Signature of Urosepsis: From Discovery in a Rabbit Model to Validation in Humans. 2021 , 20, 3889-3899	0
7 ¹³	Shear forces induce ICAM-1 nanoclustering on endothelial cells that impact on T-cell migration. 2021 , 120, 2644-2656	4
7 ¹²	Endothelial Resolution of Inflammation is Delayed Following JAK-driven but not NF κ B-dependent Activation.	
7 ¹¹	Stepwise transmigration of T- and B cells through a perivascular channel in high endothelial venules. 2021 , 4,	0
7 ¹⁰	Cellular Signal Transduction Pathways Involved in Acute Lung Injury Induced by Intestinal Ischemia-Reperfusion. 2021 , 2021, 9985701	2
7 ⁰⁹	The Antimicrobial Activity of Peripheral Blood Neutrophils Is Altered in Patients with Primary Ciliary Dyskinesia. 2021 , 22,	1
7 ⁰⁸	Vascular Endothelial Galectins in Leukocyte Trafficking. 2021 , 12, 687711	2

707	Bacterial phagocytosis and reactive oxygen species production by camel neutrophils and monocytes are influenced by the type of anticoagulation agent. 2021 , 14, 1888-1893	
706	Immunomodulatory nanosystems for treating inflammatory diseases. 2021 , 274, 120875	8
705	Intercellular crosstalk of liver sinusoidal endothelial cells in liver fibrosis, cirrhosis and hepatocellular carcinoma. 2021 ,	2
704	B Cell Adhesion to Fibroblast-Like Synoviocytes Is Up-Regulated by Tumor Necrosis Factor-Alpha via Expression of Human Vascular Cell Adhesion Molecule-1 Mediated by B Cell-Activating Factor. 2021 , 22,	1
703	The Protein Kinase Inhibitor Midostaurin Improves Functional Neurological Recovery and Attenuates Inflammatory Changes Following Traumatic Cervical Spinal Cord Injury. 2021 , 11,	1
702	Irisin supports integrin-mediated cell adhesion of lymphocytes. 2021 , 26, 100977	2
701	Single-molecule imaging and microfluidic platform reveal molecular mechanisms of leukemic cell rolling. 2021 , 4, 868	1
700	Activation of Nrf2/HO-1 signaling: An important molecular mechanism of herbal medicine in the treatment of atherosclerosis the protection of vascular endothelial cells from oxidative stress.. 2021 , 34, 43-63	21
699	Increased systemic immune-inflammation index predicts hemorrhagic transformation in anterior circulation acute ischemic stroke due to large-artery atherosclerotic. 2021 , 1-7	4
698	New Insight Into Neutrophils: A Potential Therapeutic Target for Cerebral Ischemia. 2021 , 12, 692061	4
697	Colonization of dermal arterioles by Neisseria meningitidis provides a safe haven from neutrophils. 2021 , 12, 4547	2
696	S-nitrosylation-mediated coupling of G-protein alpha-2 with CXCR5 induces Hippo/YAP-dependent diabetes-accelerated atherosclerosis. 2021 , 12, 4452	5
695	Emerging Approaches to Understanding Microvascular Endothelial Heterogeneity: A Roadmap for Developing Anti-Inflammatory Therapeutics. 2021 , 22,	3
694	A thrombin-PAR1/2 feedback loop amplifies thromboinflammatory endothelial responses to the viral RNA analogue poly(I:C). 2021 , 5, 2760-2774	3
693	Acute mental stress drives vascular inflammation and promotes plaque destabilization in mouse atherosclerosis. 2021 , 42, 4077-4088	16
692	The Neutrophil. 2021 , 54, 1377-1391	35
691	Role of myeloid-derived chemokine CCL5/RANTES at an early stage of atherosclerosis. 2021 , 156, 69-78	1
690	New Pharmacological Tools to Target Leukocyte Trafficking in Lung Disease. 2021 , 12, 704173	3

689	Dynamic persistence of UPEC intracellular bacterial communities in a human bladder-chip model of urinary tract infection. 2021 , 10,	8
688	Applying Proteomics and Integrative "Omics" Strategies to Decipher the Chronic Kidney Disease-Related Atherosclerosis. 2021 , 22,	2
687	Cell membrane cloaked nanomedicines for bio-imaging and immunotherapy of cancer: Improved pharmacokinetics, cell internalization and anticancer efficacy. 2021 , 335, 130-157	18
686	Dynamically Deformable Protein Delivery Strategy Disassembles Neutrophil Extracellular Traps to Prevent Liver Metastasis. 2021 , 31, 2105089	0
685	RTN3 inhibits RIG-I-mediated antiviral responses by impairing TRIM25-mediated K63-linked polyubiquitination. 2021 , 10,	1
684	Maintaining proteostasis under mechanical stress. 2021 , 22, e52507	6
683	The Janus-like role of neuraminidase isoenzymes in inflammation.	
682	Pioneer neutrophils release chromatin within in vivo swarms. 2021 , 10,	5
681	Shield and sword nano-soldiers ameliorate rheumatoid arthritis by multi-stage manipulation of neutrophils. 2021 , 335, 38-48	3
680	The interplay between matrix deformation and the coordination of turning events governs directed neutrophil migration in 3D matrices. 2021 , 7,	3
679	Glucocorticoid-Induced Leucine Zipper (GILZ) in Cardiovascular Health and Disease. 2021 , 10,	1
678	How the immune system shapes atherosclerosis: roles of innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2021 ,	36.5 30
677	Phenylboronic acid modified nanoparticles simultaneously target pancreatic cancer and its metastasis and alleviate immunosuppression. 2021 , 165, 164-173	10
676	Exosomes and Atherogenesis. 2021 , 8, 738031	0
675	Neutrophil activation and circulating neutrophil extracellular traps are increased in venous thromboembolism patients for at least one year after the clinical event. 2021 , 1	1
674	Functional heterogeneity of CD4 T cells in liver inflammation. 2021 , 43, 549-561	2
673	E-Selectin-Dependent Inflammation and Lipolysis in Adipose Tissue Exacerbate Steatosis-to-NASH Progression via S100A8/9. 2021 , 13, 151-171	4
672	Targeting Oxidative Stress in Septic Acute Kidney Injury: From Theory to Practice. 2021 , 10,	4

671	Cell-adhesion molecules as key mechanisms of tumor invasion: the case of breast cancer. 2021 ,	0
670	Applications of CyTOF in Brain Immune Component Studies. 2021 ,	
669	Cystatin C is a glucocorticoid response gene predictive of cancer immunotherapy failure.	0
668	Integrin cross-talk modulates stiffness-independent motility of CD4+ T lymphocytes. 2021 , 32, 1749-1757	4
667	Residual homing of α 7-expressing α 1PI16 regulatory T cells with potent suppressive activity correlates with exposure-efficacy of vedolizumab. 2021 ,	3
666	Immune System Disequilibrium-Neutrophils, Their Extracellular Traps, and COVID-19-Induced Sepsis. 2021 , 8, 711397	2
665	Binding of Rap1 and Riam to Talin1 Fine-Tune α 2 Integrin Activity During Leukocyte Trafficking. 2021 , 12, 702345	4
664	Evodiamine Relieve LPS-Induced Mastitis by Inhibiting AKT/NF- κ B p65 and MAPK Signaling Pathways. 2021 , 1	1
663	Transfusion of target antigens to preimmunized recipients: a new mechanism in transfusion-related acute lung injury. 2021 , 5, 3975-3985	3
662	Immune cell behaviour and dynamics in the kidney - insights from in vivo imaging. 2021 ,	4
661	Mitofusin-2 regulates leukocyte adhesion and α 2 integrin activation. 2021 ,	1
660	Guideline for in vivo assessment of adherent and rolling leukocytes in human skin microvasculature via reflectance confocal videomicroscopy. 2021 , 28, e12725	0
659	Proteomic signatures of myeloid derived suppressor cells from liver and lung metastases reveal functional divergence and potential therapeutic targets. 2021 , 7, 232	1
658	Potential benefits of immunomodulator use with vedolizumab for maintenance of remission in ulcerative colitis. 2021 ,	1
657	Autophagy modulates endothelial junctions to restrain neutrophil diapedesis during inflammation. 2021 , 54, 1989-2004.e9	10
656	Effects of single and multiple transplantations of human umbilical cord mesenchymal stem cells on the recovery of ovarian function in the treatment of premature ovarian failure in mice. 2021 , 14, 119	0
655	Elongational Stresses and Cells. 2021 , 10,	2
654	Research Advances in COPD Drugs and Novel Targets. 2021 , 11, 2140008	2

653	Neutrophil extracellular traps: a role in inflammation and dysregulated hemostasis as well as in patients with COVID-19 and severe obstetric pathology. 2021 , 15, 335-350	2
652	Inflammation-Induced Metastatic Colonization of the Lung Is Facilitated by Hepatocyte Growth Factor-Secreting Monocyte-Derived Macrophages. 2021 , 19, 2096-2109	1
651	LPS Induces Opposing Memory-like Inflammatory Responses in Mouse Bone Marrow Neutrophils. 2021 , 22,	5
650	Phostensin Enables Lymphocyte Integrin Activation and Population of Peripheral Lymphoid Organs.	0
649	The connection between Rap1 and Talin1 in CD4+ T Lymphocytes.	
648	Increased sHLA-G Is Associated with Improved COVID-19 Outcome and Reduced Neutrophil Adhesion. 2021 , 13,	3
647	IL-1 β -primed mesenchymal stromal cells exert enhanced therapeutic effects to alleviate Chronic Prostatitis/Chronic Pelvic Pain Syndrome through systemic immunity. 2021 , 12, 514	1
646	Extracellular Vesicle (EV) biohybrid systems for cancer therapy: Recent advances and future perspectives. 2021 , 74, 45-61	4
645	Enhanced Susceptibility of ADAP-Deficient Mice to Infection Is Associated With an Altered Phagocyte Phenotype and Function. 2021 , 12, 724855	
644	The effect of soy protein containing soy isoflavones on serum concentration of cell adhesion molecules: A systematic review and meta-analysis of randomized controlled trials. 2021 , 61, 102764	0
643	[Development of Biomembrane-mimetic Nanoparticles for the Treatment of Ischemic Stroke]. 2021 , 141, 1071-1078	1
642	Single-cell adhesion strength and contact density drops in the M phase of cancer cells. 2021 , 11, 18500	1
641	Molecular Insights Into Neutrophil Biology From the Zebrafish Perspective: Lessons From CD18 Deficiency. 2021 , 12, 677994	0
640	Effect of diet and nonesterified fatty acid levels on global transcriptomic profiles in circulating peripheral blood mononuclear cells in early lactation dairy cows. 2021 , 104, 10059-10075	4
639	AEOL 10150 Alleviates Radiation-induced Innate Immune Responses in Non-human Primate Lung Tissue. 2021 , 121, 331-344	1
638	Simultaneous inhibition of breast cancer and its liver and lung metastasis by blocking inflammatory feed-forward loops. 2021 , 338, 662-679	2
637	Rho signaling inhibition mitigates lung injury via targeting neutrophil recruitment and selectin-AKT signaling. 2021 , 1868, 119122	2
636	S. aureus and E. coli change the force and work of adhesion between P- and E-selectins of endothelial cells and ligands of neutrophil granulocytes. 2021 , 150, 103139	0

635	Extracellular vesicles in acute respiratory distress syndrome: Recent developments from bench to bedside. 2021 , 100, 108118	1
634	Arthroscopic evaluation of the synovial membrane and its relationship with histological changes and biomarkers in equine joint disease. 2021 , 140, 212-220	0
633	Nuclear factor of activated T-cells (NFAT) regulation of IL-1 β -induced retinal vascular inflammation. 2021 , 1867, 166238	1
632	Association of chemokines IP-10/CXCL10 and I-TAC/CXCL11 with insulin resistance and enhance leukocyte endothelial arrest in obesity. 2022 , 139, 104254	1
631	Multifaceted roles of CCL20 (C-C motif chemokine ligand 20): mechanisms and communication networks in breast cancer progression. 2021 , 12, 6923-6934	1
630	Encyclopedia of Molecular Pharmacology. 2021 , 1-6	
629	In vivo Imaging of the Cellular Pathophysiology in Influenza Virus-infected Mouse Lung. 2021 , 61, 090-094	
628	Congenital Defects of Phagocytes. 2021 , 97-176	
627	Colonization of dermal arterioles by Neisseria meningitidis provides a safe haven from neutrophils.	
626	Everolimus-induced effector mechanism in macrophages and survivability of Erdman, CDC1551 and HN878 strains of infection. 2021 , 12, 46-54	0
625	Neutrophil-derived granule cargoes: paving the way for tumor growth and progression. 2021 , 40, 221-244	6
624	Adult stem cell differentiation and trafficking and their implications in disease. 2010 , 695, 169-83	7
623	The Role of Oxidative Stress in the Response of Endothelial Cells to Metals. 2013 , 65-88	1
622	The BloodBrain Barrier in Neuroinflammation. 2013 , 157-179	4
621	Assessing the roles of galectins in regulating dendritic cell migration through extracellular matrix and across lymphatic endothelial cells. 2015 , 1207, 215-29	2
620	Methods for assessing the effects of galectins on leukocyte trafficking. 2015 , 1207, 133-51	2
619	Preclinical testing of strategies for therapeutic targeting of human T-cell trafficking in vivo. 2010 , 616, 268-81	3
618	Monitoring RhoGTPase activity in lymphocytes. 2010 , 616, 83-95	1

617	High-resolution fluorescence microscopy to study transendothelial migration. 2012 , 757, 215-45	1
616	Cell adhesion assays. 2012 , 757, 15-30	13
615	Overview: studying integrins in vivo. 2012 , 757, 369-97	72
614	Real-time analysis of integrin-dependent transendothelial migration and integrin-independent interstitial motility of leukocytes. 2012 , 757, 31-45	8
613	Imaging podosome dynamics and matrix degradation. 2011 , 769, 111-36	16
612	Heparanase in Cancer Metastasis ¹ : Heparin as a Potential Inhibitor of Cell Adhesion Molecules. 2020 , 1221, 309-329	3
611	Heparanase is Involved in Leukocyte Migration. 2020 , 1221, 435-444	5
610	Proteases from Inflammatory Cells: Regulation of Inflammatory Response. 2011 , 73-100	1
609	Leukocytes in the Vaso-Occlusive Process. 2016 , 91-107	2
608	Dynamic Modeling and Simulation of Leukocyte Integrin Activation through an Electronic Design Automation Framework. 2014 , 143-154	2
607	Neutrophils, Inflammation, and Innate Immunity in Trauma-Induced Coagulopathy. 2016 , 149-165	1
606	Literature Review. 2018 , 5-129	1
605	Innate and Adaptive Immune Responses in Tissue Engineering. 2009 , 721-747	6
604	New insights into leukocyte recruitment by intravital microscopy. 2009 , 334, 129-52	24
603	Native Coronary Artery and Bypass Graft Atherosclerosis. 2015 , 273-301	2
602	Adhesion of Cells. 2010 , 221-240	1
601	Vascular Actions of CGRP and Adrenomedullin: Mechanisms and Potential Contribution to Inflammation in the Cutaneous Microvasculature. 2010 , 115-130	1
600	Tumor-Associated Neutrophils. 2013 , 479-501	3

599	Our Current Knowledge. 2015 , 35-67	1
598	INNATE IMMUNITY. 2010 , 19-46	3
597	Cytokines and Inflammatory Response in the Fetus and Neonate. 2011 , 1652-1671	1
596	Inflammation and Repair. 2013 , 29-73	2
595	Functional studies of chronic lymphocytic leukemia B cells expressing β -integrin type complement receptors CR3 and CR4. 2017 , 189, 73-81	7
594	The cell biology of inflammation: From common traits to remarkable immunological adaptations. 2020 , 219,	15
593	Atherosclerosis: integration of its pathogenesis as a self-perpetuating propagating inflammation: a review. 2019 , 8, 51-61	28
592	LFA-1 signals to promote actin polymerization and upstream migration in T cells.	2
591	HIF2 β s a Direct Regulator of Neutrophil Motility.	2
590	Shear flow-driven actin re-organization induces ICAM-1 nanoclustering on endothelial cells that impact T-cell migration.	1
589	Endogenous pioneer neutrophils release NETs during the swarming response in zebrafish.	2
588	The CXCL12/CXCR4 signalling axis retains neutrophils at inflammatory sites in zebrafish.	2
587	Lymphatic Valves Separate Lymph Flow Into a Central Stream and a Slow-Moving Peri-Valvular Milieu. 2020 , 142,	1
586	Evaluating integrin activation with time-resolved flow cytometry. 2018 , 23, 1-10	5
585	Mass cytometry identifies distinct CD4+ T cell clusters distinguishing HIV-1-infected patients according to antiretroviral therapy initiation. 2019 , 4,	8
584	Protein methionine oxidation augments reperfusion injury in acute ischemic stroke. 2016 , 1,	16
583	Trafficking receptor signatures define blood plasmablasts responding to tissue-specific immune challenge. 2017 , 2, e90233	20
582	More friend than foe: the emerging role of neutrophils in tissue repair. 2019 , 129, 2629-2639	88

581	Innate immune cell-epithelial crosstalk during wound repair. 2019 , 129, 2983-2993	80
580	Intravital imaging of CTLs killing islet cells in diabetic mice. 2012 , 122, 119-31	67
579	Do MDL-1+ cells play a broad role in acute inflammation?. 2011 , 121, 4234-7	2
578	New insights into the mechanisms of venous thrombosis. 2012 , 122, 2331-6	255
577	MicroRNA-181b regulates NF- κ B-mediated vascular inflammation. 2012 , 122, 1973-90	349
576	Endothelial C-type natriuretic peptide maintains vascular homeostasis. 2014 , 124, 4039-51	98
575	CRK proteins selectively regulate T cell migration into inflamed tissues. 2015 , 125, 1019-32	33
574	FGF23 signaling impairs neutrophil recruitment and host defense during CKD. 2016 , 126, 962-74	176
573	Cancer vaccine formulation dictates synergy with CTLA-4 and PD-L1 checkpoint blockade therapy. 2018 , 128, 1338-1354	50
572	Neutrophil Fc γ RIIA promotes IgG-mediated glomerular neutrophil capture via Abl/Src kinases. 2017 , 127, 3810-3826	31
571	Spleen-derived classical monocytes mediate lung ischemia-reperfusion injury through IL-1 β 2018 , 128, 2833-2847	33
570	Food Applications of Lipids. 2017 , 439-470	2
569	Vascular injury biomarkers and stroke risk: A population-based study. 2020 , 94, e2337-e2345	4
568	How leukocytes trigger opening and sealing of gaps in the endothelial barrier. 2016 , 5,	9
567	Two-photon Excited Blood Autofluorescence for in vivo Imaging and Flow Cytometry. 2012 ,	1
566	PECAM-independent thioglycollate peritonitis is associated with a locus on murine chromosome 2. 2009 , 4, e4316	17
565	In vivo imaging and quantitative analysis of leukocyte directional migration and polarization in inflamed tissue. 2009 , 4, e4693	35
564	Punicic acid a conjugated linolenic acid inhibits TNF α -induced neutrophil hyperactivation and protects from experimental colon inflammation in rats. 2009 , 4, e6458	89

563	Genetic variation of the human urinary tract innate immune response and asymptomatic bacteriuria in women. 2009 , 4, e8300	58
562	Interleukin-32beta propagates vascular inflammation and exacerbates sepsis in a mouse model. 2010 , 5, e9458	53
561	Plasmin inhibitors prevent leukocyte accumulation and remodeling events in the postischemic microvasculature. 2011 , 6, e17229	44
560	CD40 is essential in the upregulation of TRAF proteins and NF-kappaB-dependent proinflammatory gene expression after arterial injury. 2011 , 6, e23239	38
559	Mesenchymal stem cells exhibit firm adhesion, crawling, spreading and transmigration across aortic endothelial cells: effects of chemokines and shear. 2011 , 6, e25663	81
558	Daily exposure to dust alters innate immunity. 2012 , 7, e31646	24
557	Cardiopulmonary bypass during cardiac surgery modulates systemic inflammation by affecting different steps of the leukocyte recruitment cascade. 2012 , 7, e45738	38
556	Arteriolar and venular remodeling are differentially regulated by bone marrow-derived cell-specific CX3CR1 and CCR2 expression. 2012 , 7, e46312	5
555	Functional modulation of vascular adhesion protein-1 by a novel splice variant. 2013 , 8, e54151	7
554	Outer membrane vesicles derived from Escherichia coli up-regulate expression of endothelial cell adhesion molecules in vitro and in vivo. 2013 , 8, e59276	40
553	Transendothelial migration enables subsequent transmigration of neutrophils through underlying pericytes. 2013 , 8, e60025	53
552	Lipid Raft is required for PSGL-1 ligation induced HL-60 cell adhesion on ICAM-1. 2013 , 8, e81807	7
551	Blood vessels pattern heparan sulfate gradients between their apical and basolateral aspects. 2014 , 9, e85699	40
550	Oscillatory behavior of neutrophils under opposing chemoattractant gradients supports a winner-take-all mechanism. 2014 , 9, e85726	19
549	RAGE controls activation and anti-inflammatory signalling of protein C. 2014 , 9, e89422	11
548	Selectins mediate small cell lung cancer systemic metastasis. 2014 , 9, e92327	35
547	Treadmill exercise induces neutrophil recruitment into muscle tissue in a reactive oxygen species-dependent manner. An intravital microscopy study. 2014 , 9, e96464	41
546	Raised soluble P-selectin moderately accelerates atherosclerotic plaque progression. 2014 , 9, e97422	12

545	Tissue transglutaminase in marmoset experimental multiple sclerosis: discrepancy between white and grey matter. 2014 , 9, e100574	11
544	Giardia duodenalis infection reduces granulocyte infiltration in an in vivo model of bacterial toxin-induced colitis and attenuates inflammation in human intestinal tissue. 2014 , 9, e109087	49
543	The role of phosphoinositide 3-kinases in neutrophil migration in 3D collagen gels. 2015 , 10, e0116250	6
542	Role of cortactin homolog HS1 in transendothelial migration of natural killer cells. 2015 , 10, e0118153	16
541	The roles of integrins in function of human neutrophils after their migration through endothelium into interstitial matrix. 2015 , 10, e0118593	17
540	Regulation of Phagocyte Migration by Signal Regulatory Protein-Alpha Signaling. 2015 , 10, e0127178	5
539	A Short Peptide That Mimics the Binding Domain of TGF- β 1 Presents Potent Anti-Inflammatory Activity. 2015 , 10, e0136116	6
538	Deciphering Mode of Action of Functionally Important Regions in the Intrinsically Disordered Paxillin (Residues 1-313) Using Its Interaction with FAT (Focal Adhesion Targeting Domain of Focal Adhesion Kinase). 2016 , 11, e0150153	6
537	Quantitative Modeling of the Alternative Pathway of the Complement System. 2016 , 11, e0152337	30
536	Aspirin, but Not Tirofiban Displays Protective Effects in Endotoxin Induced Lung Injury. 2016 , 11, e0161218	15
535	Major Neutrophilia Observed in Acute Phase of Human Leptospirosis Is Not Associated with Increased Expression of Granulocyte Cell Activation Markers. 2016 , 11, e0165716	14
534	CXCL10/IP-10 Neutralization Can Ameliorate Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome in Rats. 2017 , 12, e0169100	36
533	An in vitro model of intestinal infection reveals a developmentally regulated transcriptome of Toxoplasma sporozoites and a NF- κ B-like signature in infected host cells. 2017 , 12, e0173018	10
532	Interaction between stress hormones and phagocytic cells and its effect on the health status of dairy cows: A review. 2020 , 13, 1837-1848	4
531	Leukocyte populations and their cell adhesion molecules expression in newborn dromedary camel calves. 2020 , 13, 1863-1869	4
530	Experimental Applications of Liver Perfusion Machinery for the Study of Liver Disease. 2019 , 42, 45-55	6
529	Inflammatory monocyte response due to altered wall shear stress in an isolated femoral artery model. 2019 , 6, e109	3
528	Identification of four genes associated with cutaneous metastatic melanoma. 2020 , 15, 531-539	3

527	Early Targeting of L-Selectin on Leukocytes Promotes Recovery after Spinal Cord Injury, Implicating Novel Mechanisms of Pathogenesis. 2018 , 5,	12
526	Anti-cytokines as a Strategy in Alpha-1 Antitrypsin Deficiency. 2020 , 7, 203-213	2
525	Chronic Trypanosoma cruzi-elicited cardiomyopathy: from the discovery to the proposal of rational therapeutic interventions targeting cell adhesion molecules and chemokine receptors--how to make a dream come true. 2009 , 104 Suppl 1, 226-35	22
524	Integrin function in T-cell homing to lymphoid and nonlymphoid sites: getting there and staying there. 2009 , 29, 87-109	100
523	Age-associated stresses induce an anti-inflammatory senescent phenotype in endothelial cells. 2013 , 5, 913-24	36
522	To grab the stroma by the horns: from biology to cancer therapy with mesenchymal stem cells. 2013 , 4, 651-64	52
521	E-selectin ligand-1 controls circulating prostate cancer cell rolling/adhesion and metastasis. 2014 , 5, 12097-110	21
520	Renal cell carcinoma alters endothelial receptor expression responsible for leukocyte adhesion. 2016 , 7, 20410-24	6
519	Anti-adhesion Molecules in IBD: Does Gut Selectivity Really Make the Difference?. 2019 , 25, 19-24	1
518	Molecular and Pathophysiological Mechanisms of Diabetic Retinopathy in Relation to Adhesion Molecules. 2019 , 15, 363-371	6
517	Type 2 Diabetes and its Impact on the Immune System. 2020 , 16, 442-449	151
516	Adhesion molecules in CNS disorders: biomarker and therapeutic targets. 2013 , 12, 392-404	14
515	Neutrophil migration under normal and sepsis conditions. 2015 , 15, 19-28	50
514	Familial Mediterranean Fever as an Emerging Clinical Model of Atherogenesis Associated with Low-Grade Inflammation. 2010 , 4, 51-56	4
513	Familial mediterranean Fever as an emerging clinical model of atherogenesis associated with low-grade inflammation. 2010 , 4, 51-6	30
512	Src family kinase-mediated vesicle trafficking is critical for neutrophil basement membrane penetration. 2020 , 105, 1845-1856	7
511	Diagnostic value of eosinopenia and neutrophil to lymphocyte ratio on early onset neonatal sepsis. 2019 , 62, 217-223	4
510	Chemical Design Model for Emergent Synthetic Catch Bonds. 2020 , 8,	1

509	Endothelial Protease Activated Receptor 1 (PAR1) Signalling Is Required for Lymphocyte Transmigration across Brain Microvascular Endothelial Cells. 2020 , 9,	2
508	Biphasic Force-Regulated Phosphorylation Site Exposure and Unligation of ERM Bound with PSGL-1: A Novel Insight into PSGL-1 Signaling via Steered Molecular Dynamics Simulations. 2020 , 21,	4
507	The Role and Impact of Extracellular Vesicles in the Modulation and Delivery of Cytokines during Autoimmunity. 2020 , 21,	5
506	Eosinophils in the gastrointestinal tract and their role in the pathogenesis of major colorectal disorders. 2019 , 25, 3503-3526	38
505	α 1 Integrin Is Required for Optimal NK Cell Proliferation during Viral Infection but Not for Acquisition of Effector Functions or NK Cell-Mediated Virus Control. 2020 , 204, 1582-1591	5
504	Anti-Inflammatory and PPAR Transactivational Effects of Oleanane-Type Triterpenoid Saponins from the Roots of <i>Pulsatilla koreana</i> . 2014 , 22, 334-40	11
503	The Effect of Vitamin D Administration on Intracellular Adhesion Molecule-1 and Vascular Cell Adhesion Molecule-1 Levels in Hemodialysis Patients: A Placebo-controlled, Double-blinded Clinical Trial. 2017 , 6, 16-20	11
502	Assessment of potential biomarkers of atherosclerosis in Indian patients with type 2 diabetes mellitus. 2018 , 147, 169-176	6
501	Injectable-Platelet-Rich Fibrin-Smart Blood with Stem Cells for the Treatment of Alopecia: A Report of Three Patients. 2019 , 11, 128-131	11
500	Importance of integrin receptors in the field of pharmaceutical & medical science. 2013 , 03, 224-252	12
499	Combining Genome Wide Association Studies and Differential Gene Expression Data Analyses Identifies Candidate Genes Affecting Mastitis Caused by Two Different Pathogens in the Dairy Cow. 2015 , 05, 358-393	35
498	CD64 expression is increased in patients with severe acute pancreatitis: clinical significance. 2014 , 8, 445-51	5
497	Current viewpoints on platelet contribution to inflammation. 2012 , 1, 14	2
496	Paradoxical effects of brain death and associated trauma on rat mesenteric microcirculation: an intravital microscopic study. 2012 , 67, 69-75	20
495	Endothelial cell-derived CD95 ligand serves as a chemokine in induction of neutrophil slow rolling and adhesion. 2016 , 5,	16
494	Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. 2018 , 7,	10
493	Megakaryocyte emperipolesis mediates membrane transfer from intracytoplasmic neutrophils to platelets. 2019 , 8,	35
492	Blood flow guides sequential support of neutrophil arrest and diapedesis by PILR- α 1 and PILR- β 2019 , 8,	9

- 491 Stochastic bond dynamics facilitates alignment of malaria parasite at erythrocyte membrane upon invasion. **2020**, 9, 0
- 490 Targeting Leukocyte Trafficking in Inflammatory Bowel Disease. **2021**, 35, 473-503 1
- 489 Neutrophils in acute inflammation - current concepts and translational implications. **2021**, 5
- 488 Defining cellular complexity in human autosomal dominant polycystic kidney disease by multimodal single cell analysis. 1
- 487 The β 5 Integrin-MMP9 Axis Regulates Pulmonary Inflammatory Response and Endothelial Leakage in Acute Lung Injury. **2021**, 14, 5079-5094 1
- 486 TNF- α -activated eNOS signaling increases leukocyte adhesion through the -nitrosylation pathway. **2021**, 321, H1083-H1095 0
- 485 Dissecting the Molecular Mechanism of Wang-Bi Capsule in the Treatment of Experimental Rheumatoid Arthritis Based on Synovial Tissue Proteomic Analysis. **2021**, 2021, 5539008
- 484 Complement Factor H Family Proteins Modulate Monocyte and Neutrophil Granulocyte Functions. **2021**, 12, 660852 1
- 483 Immunology and immunopathology. **2008**, 161-197
- 482 Lymphocyte recruitment to the liver; the role of chemokines. **2009**, 97-106
- 481 References. **2009**, 279-323
- 480 Live imaging of leukocyte-endothelium interactions. **2010**, 616, 17-30
- 479 Endothelial activation and dysfunction in sepsis. **2010**, 1-13
- 478 Selectin Ligand-Mediated Cell-Cell Interaction. **2010**, 174-175
- 477 Cell Adhesion Molecules in Renal Injury. **2010**, 213-244
- 476 Granulocytic Phagocytes. **2010**, 99-127 2
- 475 Endothelial dysfunction in pulmonary hypertension. **2010**, 81-102 1
- 474 New observations on the monocyte trafficking. **2010**, 21, 401-404

473 Adhesion Molecules in Leukocytes and Their Reactivity. **2010**, 147-164

472 Adhesion Molecules and Neutrophil Migration. **2010**, 133-146

471 Adhesion Molecules in Skin. **2010**, 283-296

470 Endothelial Cells: Immunological Aspects.

469 Therapeutic Applications of Mesenchymal Stem/Multipotent Stromal Cells. **2011**, 195-218

468 The Immune Response to Transplanted Organs. **2011**, 1-22

467 HDL: More Than Just Cholesterol. **2010**, 2, 92

1

466 Neutrophils. **2011**, 739-739.e4

465 SUGGESTED READINGS. **2011**, 239-243

464 Molecular Biology and Genetics of Atherosclerosis. **2011**, 86-120

463 16 Kallikrein-kinin system in inflammation. **2011**,

462 The Role of Adhesion Molecules and Intimal Dendritic Cells in the Initiation of Atherosclerosis. **2012**, 115-131

461 Biologic Therapy of Crohn's Disease: Natalizumab, Vedolizumab, CCX282-B. **2012**, 441-452

460 Maternal-Fetal Microchimerism and Fetal-Juvenile Malignancies. **2012**, 335-388

459 In vivo cytometry using two-photon autofluorescence microscopy. **2012**,

458 Neutrophils and Vascular Inflammation. 71-81

457 Leukocyte Trafficking. 28-38

456 Encyclopedia of Inflammatory Diseases. **2013**, 1-8

o

- 455 <i>ARFGEF2</i> Knockdown Enhances TNF-*α* Induced Endothelial Expression of the Cell Adhesion Molecules VCAM1 and ICAM1. **2013**, 03, 25-31
- 454 Lymphocyte adhesion and trafficking. **2013**, 149-159
- 453 Gap Junctions in Antigen-Presenting Cells. **2013**, 61-88
- 452 Native Coronary Artery and Bypass Graft Atherosclerosis. **2014**, 1-31
- 451 Molecular Life Sciences. **2014**, 1-10
- 450 Biology of Neutrophils. **2014**, 280-291 2
- 449 Chemokines and Phagocyte Trafficking. 93-106
- 448 Inflammation. **2014**, 15-99
- 447 Role of Pericytes in Tissue Engineering. **2014**, 17-36
- 446 Adhesive Properties of Neutrophils as a Possible Biomarker of Vascular Disease. **2015**, 1-19
- 445 Granulocytic Phagocytes. **2015**, 78-92.e6 2
- 444 Chemokines as Potential Markers in Pediatric Renal Diseases. **2015**, 1-20
- 443 The Inflammatory Response during Enterohemorrhagic *Escherichia coli* Infection. 321-339 1
- 442 Lymphocyte Homing and Trafficking. **2016**, 857-864 0
- 441 Adhesive Properties of Neutrophils as a Possible Biomarker of Vascular Disease. **2016**, 985-1003
- 440 Neutrophils. **2016**, 147-167 2
- 439 Integrated Bioinformatics Approach Reveals Crosstalk Between Tumor Stroma and Peripheral Blood Mononuclear Cells in Breast Cancer. **2016**, 17, 1003-8 1
- 438 Phagocytes Defects. **2017**, 245-294 1

437 Mesenchymal Stromal Cell Recruitment by Gastrointestinal Carcinomas. **2017**, 215-226

436 Platelets and Innate Immunity in Atherosclerosis. **2017**, 209-221

435 CD18-mediated adhesion is required for lung inflammation induced by mononuclear cell-derived extracellular vesicles.

434 Flow Cytometry Assay for Recycling of LFA-1 in T-lymphocytes. **2018**, 8, e3104

o

433 Sessile Innate Immune Cells. **2018**, 159-186

432 Molecular Life Sciences. **2018**, 551-560

431 The dynamics of actin filament polymerization in activated leukocytes under experimental diabetes mellitus against the background of agmatine administration. **2018**, 33, 403-414

1

430 Endothelial Cells: Immunological Aspects. 1-11

429 Megakaryocyte emperipolesis mediates membrane transfer from intracytoplasmic neutrophils to platelets.

428 Novel Approaches to the Treatment of Noninfectious Uveitis. **2019**, 179-188

427 Leukocyte integrins and their regulation. **2019**, 30, 586-595

426 Endothelial Function in Normal and Diseased Vessels. **2019**, 227-236

425 Oxidation shuts down an auto-inhibitory mechanism of von Willebrand factor.

424 Context-dependent role of vinculin in neutrophil adhesion, motility and trafficking.

423 Using Intravital Microscopy to Study the Role of MIF in Leukocyte Trafficking In Vivo. **2020**, 2080, 27-37

422 Mechanistic Insights into Aspartame-induced Immune Dysregulation. **2019**, 15, 653-661

421 ALK5 deficiency inhibits macrophage inflammation and lipid loading by targeting KLF4. **2020**, 40,

o

420 Single-Molecule Imaging and Microfluidic Platform Reveal Molecular Mechanisms of Leukemic Cell Rolling.

- 419 Selective Nanotherapeutic Targeting of the Neutrophil Subset Mediating Inflammatory Injury.
- 418 Innate Priming of Neutrophils Potentiates Systemic Multiorgan Injury. **2020**, 4, 392-401
- 417 Anti-Inflammatory Effects of Garlic Consumption and Regular Exercise in Sedentary Overweight Individuals. **2020**, 24,
- 416 Antigen-Presenting Cells. 1, 1-12
- 415 A balance between matrix deformation and the coordination of turning events governs directed neutrophil migration in 3-D matrices.
- 414 Galectin-9 Regulates Monosodium Urate Crystal-Induced Gouty Inflammation Through the Modulation of Treg/Th17 Ratio. **2021**, 12, 762016 5
- 413 PDGFR β lineage origin directs monocytes to trafficking proficiency to support peripheral immunity. **2021**, 52, 204
- 412 Enhancing T Cell Chemotaxis and Infiltration in Glioblastoma. **2021**, 13, 3
- 411 Caffeic Acid Phenethyl Ester reduces Pro Inflammatory Cytokines in Moderate Swimming Test in Growing Rats Model. **2021**, 14, 5653-5657 1
- 410 The Role of Ninjurin1 and Its Impact beyond the Nervous System. **2020**, 42, 159-169 3
- 409 RTN3 inhibits RIGI-I-mediated antiviral responses by impairing TRIM25-mediated K63-linked polyubiquitination.
- 408 Stepwise transmigration cascade of T and B cells through the perivascular channel in lymph node high endothelial venules.
- 407 The Immunobiology of Transplant Rejection and Acceptance. **2021**, 51-63
- 406 A 3D pancreatic tumor model to study T cell infiltration. **2021**, 9, 7420-7431 3
- 405 Nanoengineering of stem cells for neural regenerative medicine. **2020**, 159-211
- 404 Detecting Changes to the Extracellular Matrix in Liver Diseases. **2020**, 43-68
- 403 Biology of Graft-Versus-Host Disease. **2020**, 1-19
- 402 Myeloid Cell Diversity and Impact of Metabolic Cues during Atherosclerosis. **2020**, 1

401	Mesenchymal Stem Cell and Its Properties. 2020 , 13-26	2
400	Role of Phytochemicals from Honey in Prevention and Treatment of Arthritis and Related Disorders. 2020 , 287-305	
399	Molecular Events Behind Adverse Effects. 2020 , 1248, 119-141	
398	[Prostanoids regulate vascular permeability]. 2020 , 155, 395-400	
397	Stochastic bond dynamics facilitates alignment of malaria parasite at erythrocyte membrane upon invasion.	2
396	Ectodomain shedding of L-selectin by ADAM17 in canine neutrophils.	
395	Neutrophil-Dependent Immunity During Pulmonary Infections and Inflammations. 2021 , 12, 689866	1
394	Resolving immune cells with patrolling behaviour by magnetic resonance time-lapse single cell tracking. 2021 , 73, 103670	1
393	Endothelial Rap1B mediates T-cell exclusion to promote tumor growth by a novel mechanism underlying vascular immunosuppression.	
392	BPC 157 as Potential Treatment for COVID-19. 2021 , 158, 110736	3
391	Thrombotic storm, hemostasis disorders and thromboinflammation in COVID-19. 2021 , 15, 499-514	1
390	Endothelial cell apicobasal polarity coordinates distinct responses to lumenally versus abluminally delivered TNF- α in a microvascular mimetic. 2020 , 12, 275-289	2
389	Studies of Transendothelial Migration for Biological and Drug Discovery.. 2020 , 2, 600616	4
388	Biomechanical aspects of the auto-digestion theory. 2008 , 5, 83-95	7
387	Histopathologic evaluation of lung and extrapulmonary tissues show sex differences in Klebsiella pneumoniae - infected mice under different exposure conditions. 2011 , 3, 176-90	19
386	The effects of extracellular matrix proteins on neutrophil-endothelial interaction--a roadway to multiple therapeutic opportunities. 2012 , 85, 167-85	14
385	GM-CSF differentially regulates eosinophil and neutrophil adhesive interactions with vascular endothelium in vivo. 2010 , 9, 207-17	3
384	The changes of von willebrand factor/a disintegrin-like and metalloprotease with thrombospondin type I repeats-13 balance in aneurysmal subarachnoid hemorrhage. 2015 , 8, 1342-8	4

- 383 Expression of CD11a in lymphocyte subpopulation in immune thrombocytopenia. **2015**, 8, 15642-51 4
- 382 Keep Eyes on Integrins. **2016**, 1,
- 381 PRECISION MEDICINE FOR CARDIOVASCULAR DISEASE PREVENTION: WHERE DO WE STAND IN 2019 WITH A FOCUS ON INFLAMMATION AND LIPIDS?. **2020**, 131, 42-47
- 380 Estrogen deficiency - a central paradigm in age-related impaired healing?. **2021**, 20, 99-116 1
- 379 Nectin stabilization at adherens junctions is counteracted by Rab5a-dependent endocytosis. **2021**, 100, 151184 0
- 378 Molecular Tuning of Actin Dynamics in Leukocyte Migration as Revealed by Immune-Related Actinopathies. **2021**, 12, 750537 2
- 377 Microfluidic Systems to Study Neutrophil Forward and Reverse Migration.. **2021**, 12, 781535 1
- 376 Roles of Macrophages in Atherogenesis.. **2021**, 12, 785220 6
- 375 ~~GE~~Mediates Transendothelial Migration of Neutrophils by Promoting Integrin-Dependent Motility without Affecting Directionality. **2021**,
- 374 20-HETE is a pivotal endogenous ligand for TRPV1-mediated neurogenic inflammation in the skin. **2021**, 2
- 373 Imaging reveals novel innate immune responses in lung, liver, and beyond. **2021**, 2
- 372 Modulation of Adhesion Molecules Expression by Different Metalloproteases Isolated from Snakes. **2021**, 13, 0
- 371 Innate Lymphoid Cells and Myocardial Infarction. **2021**, 12, 758272 0
- 370 Obesity Prolongs the Inflammatory Response in Mice After Severe Trauma and Attenuates the Splenic Response to the Inflammatory Reflex. **2021**, 12, 745132
- 369 Finding the sweet spot: glycosylation mediated regulation of intestinal inflammation. **2021**, 2
- 368 Encyclopedia of Molecular Pharmacology. **2021**, 826-831
- 367 Glycosyltransferases as targets for therapeutic intervention in cancer and inflammation: molecular modeling insights. **2022**, 76, 1953 0
- 366 Quantile-Specific Heritability of Inflammatory and Oxidative Stress Biomarkers Linked to Cardiovascular Disease.. **2022**, 15, 85-103 0

365	The cross-talk between tumor-associated macrophages and tumor endothelium: Recent advances in macrophage-based cancer immunotherapy.. 2022 , 146, 112588	1
364	GALNT4 primes monocytes adhesion and transmigration by regulating O-Glycosylation of PSGL-1 in atherosclerosis.. 2021 ,	0
363	Relation between tumor micro-environment and epigenetic alterations in hematological malignancies. 2022 , 4, 100024	0
362	PET Imaging of Autoimmune Diseases and Inflammatory Bowel Diseases. 2021 ,	
361	Septin-Mediated Mechanobiological Reprogramming of T Cell Transmigration and 3D Motility.	
360	The Impact of the Animal Housing System on Immune Cell Composition and Function in the Blood of Dromedary Camels.. 2022 , 12,	1
359	Immune Responses to IAV Infection and the Roles of L-Selectin and ADAM17 in Lymphocyte Homing.. 2022 , 11,	0
358	Recent progress of macrophage vesicle-based drug delivery systems.. 2022 , 1	1
357	Engraftment, Fate, and Function of HoxB8-Conditional Neutrophil Progenitors in the Unconditioned Murine Host.. 2022 , 10, 840894	0
356	Endothelial Retargeting of AAV9 In Vivo.. 2022 , e2103867	1
355	Motility Patterns Displayed by Immune Cells Under Inflammatory Conditions.. 2021 , 12, 804159	1
354	Aortic intimal resident macrophages are essential for maintenance of the non-thrombogenic intravascular state. 2022 , 1, 67-84	2
353	Where the Action Is-Leukocyte Recruitment in Atherosclerosis.. 2021 , 8, 813984	4
352	Adhesion of Leukocytes to Cerebral Venules Precedes Neuronal Cell Death and Is Sufficient to Trigger Tissue Damage After Cerebral Ischemia.. 2021 , 12, 807658	2
351	Diagnostic approach and treatment regimens in adult patients suffering from antibody-mediated or paraneoplastic encephalitis.. 2022 ,	0
350	Activation of $\alpha 7$ nicotinic acetylcholine receptors attenuates monocyte-endothelial adhesion through FUT7 inhibition.. 2021 , 590, 89-96	0
349	Hepatic veno-occlusive disease (sinusoidal obstruction syndrome) after hematopoietic stem cell transplantation in adult patients: Diagnosis, incidence, prophylaxis, and treatment.. 2022 , 103372	0
348	Live Cell Imaging and Analysis of Cancer-Cell Transmigration Through Endothelial Monolayers.. 2022 , 2441, 329-338	0

- 347 Local immunomodulatory effects of intracanal medications in apical periodontitis.. **2022**, 0
- 346 High-Efficiency Capture of Cells by Softening Cell Membrane.. **2022**, e2106547 0
- 345 Adjuvant effect of two polysaccharides from the petals of *Crocus sativus* and its mechanisms.. **2022**, 204, 50-50 0
- 344 Thy-1 (CD90), Integrins and Syndecan 4 are Key Regulators of Skin Wound Healing.. **2022**, 10, 810474 0
- 343 Integration of data from the in vitro long-term exposure study on human endothelial cells and the in silico analysis: A case of dibutyl phthalate-induced vascular dysfunction.. **2021**, 356, 64-74 0
- 342 Vascular endotheliitis associated with infections: its pathogenetic role and therapeutic implication.. **2022**, 197, 114909 1
- 341 An update in the utilization of N-acetyl cysteine & vitamin c for tackling the oxidative stress in acute kidney injury secondary to robust sepsis - A systematic review. **2022**, 6, 001-018 1
- 340 Advances in CAR-T Cell Genetic Engineering Strategies to Overcome Hurdles in Solid Tumors Treatment.. **2022**, 13, 830292 0
- 339 Application and Utility of Liposomal Neuroprotective Agents and Biomimetic Nanoparticles for the Treatment of Ischemic Stroke.. **2022**, 14, 2
- 338 Current nano-therapeutic approaches ameliorating inflammation in cancer progression.. **2022**, 4
- 337 Mathematical Approaches to Studying Inflammation. **2022**,
- 336 Microfluidic platforms for extracellular vesicle isolation, analysis and therapy in cancer.. **2022**, 2
- 335 Dendritic Cells (DCs) in Innate Immunity. **2022**, 37-52
- 334 The nanocaterpillar's random walk: diffusion with ligand-receptor contacts.. **2022**, 1
- 333 Single-cell dissection of the human brain vasculature.. **2022**, 8
- 332 Direct Binding of Rap1 to Talin1 and to MRL Proteins Promotes Integrin Activation in CD4 T Cells.. **2022**, 0
- 331 Macrophages and Metabolic Reprograming in the Tumor Microenvironment.. **2022**, 12, 795159 2
- 330 High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue.. **2022**, 208, 1445-1455 1

329	Gut Microbiota-Derived Small Extracellular Vesicles Endorse Memory-like Inflammatory Responses in Murine Neutrophils.. 2022 , 10,	3
328	Notch signaling in tumor vasculature programs cancer-associated fibroblasts to suppress anti-tumor immunity.	
327	Dysregulated Immunity in Pulmonary Hypertension: From Companion to Composer.. 2022 , 13, 819145	1
326	P2X deficiency reduces atherosclerosis and plaque inflammation in mice.. 2022 , 12, 2801	1
325	Inhibitors of Human Neuraminidase Enzymes Block Transmigration .. 2022 , 9, 835757	0
324	Understanding the Role of LFA-1 in Leukocyte Adhesion Deficiency Type I (LAD I): Moving towards Inflammation?. 2022 , 23,	0
323	ITGAL as a Prognostic Biomarker Correlated With Immune Infiltrates in Gastric Cancer.. 2022 , 10, 808212	1
322	Neutrophil Migratory Patterns: Implications for Cardiovascular Disease.. 2022 , 10, 795784	1
321	Disparity of Gut Microbiota Composition Among Elite Athletes and Young Adults With Different Physical Activity Independent of Dietary Status: A Matching Study.. 2022 , 9, 843076	2
320	Pathophysiology of Atherosclerosis.. 2022 , 23,	14
319	Thromboinflammation in Myeloproliferative Neoplasms (MPN)-A Puzzle Still to Be Solved.. 2022 , 23,	1
318	CD11b agonists offer a novel approach for treating lupus nephritis.. 2022 ,	2
317	Defining the mild variant of leukocyte adhesion deficiency type II (SLC35C1-congenital disorder of glycosylation) and response to l-fucose therapy: Insights from two new families and review of the literature.. 2022 ,	0
316	Gut microbiota composition in colorectal cancer patients is genetically regulated.	
315	.. 2022 ,	1
314	Mechano-redox control of Mac-1 de-adhesion from ICAM-1 by protein disulfide isomerase promotes directional movement of neutrophils under flow.	
313	Pericyte Loss Leads to Capillary Stalling Through Increased Leukocyte-Endothelial Cell Interaction in the Brain.. 2022 , 16, 848764	0
312	Targeting Neutrophils for Promoting the Resolution of Inflammation.. 2022 , 13, 866747	4

311 Quo vadis, neutrophil?. **2022**, 185, 759-761

310 Combination of stem cell therapy and acupuncture to treat ischemic stroke: a prospective review.. **2022**, 13, 87

309 The Janus-like role of neuraminidase isoenzymes in inflammation.. **2022**, 36, e22285

1

308 Functional implications of neutrophil metabolism during ischemic tissue repair.. **2022**, 63, 102191

O

307 Endocrine, immune and renal toxicity in male largemouth bass after chronic exposure to glyphosate and Rodeo® .. **2022**, 246, 106142

O

306 Trimethyl chitosan postoperative irrigation solution modulates inflammatory cytokines related to adhesion formation.. **2022**, 288, 119380

O

305 Blocking of inflammatory heparan sulfate domains by specific antibodies is not protective in experimental glomerulonephritis.. **2021**, 16, e0261722

O

304 Neutrophil Homeostasis and Emergency Granulopoiesis: The Example of Systemic Juvenile Idiopathic Arthritis.. **2021**, 12, 766620

1

303 Poly-salicylic Acid Polymer Microparticle Decoys Therapeutically Treat Acute Respiratory Distress Syndrome. **2021**, e2101534

1

302 The cellular biology of atherosclerosis with atherosclerotic lesion classification and biomarkers. **2021**, 45,

1

301 Nanotheranostics of Pre-Stenotic Vessels By Target Touch-On Signaling of Peptide Navigator. 2110368

300 Engraftment, fate, and function of HoxB8-conditional neutrophil progenitors in the unconditioned murine host.

299 Neutrophils-From Bone Marrow to First-Line Defense of the Innate Immune System.. **2021**, 12, 767175

3

298 Insights into Selectin Inhibitor Design from Endogenous Isomeric Ligands of SLe and SLe.. **2021**, 61, 6085-6093 O

297 Linking arterial stiffness to microvascular remodeling. **2022**, 195-209

296 Leukocyte trafficking to the intestinal barrier in health and disease. **2022**, 203-235

O

295 Selectin-Mediated Signaling-Shedding Light on the Regulation of Integrin Activity in Neutrophils.. **2022**, 11,

2

294 The revolution of PDMS microfluidics in cellular biology.. **2022**, 1-19

5

- 293 Endothelial cell-specific deletion of a microRNA accelerates atherosclerosis.. **2022**, 350, 9-18 1
- 292 Mechanosensation by endothelial PIEZO1 is required for leukocyte diapedesis.. **2022**, 2
- 291 Table_1.DOCX. **2019**,
- 290 Data_Sheet_1.pdf. **2020**,
- 289 table_1.docx. **2017**,
- 288 video_1.avi. **2017**,
- 287 Table_1.xls. **2019**,
- 286 Data_Sheet_1.docx. **2019**,
- 285 Video_1.AVI. **2019**,
- 284 Video_2.AVI. **2019**,
- 283 Video_3.AVI. **2019**,
- 282 Video_4.AVI. **2019**,
- 281 Video_5.AVI. **2019**,
- 280 Video_6.AVI. **2019**,
- 279 Video_7.AVI. **2019**,
- 278 Data_Sheet_1.PDF. **2019**,
- 277 Image_1.TIF. **2020**,
- 276 Table_1.DOCX. **2020**,

275 Table_2.DOCX. **2020**,

274 Table_3.DOCX. **2020**,

273 Table_4.DOCX. **2020**,

272 Table_5.DOCX. **2020**,

271 Table_6.DOCX. **2020**,

270 Data_Sheet_1.PDF. **2020**,

269 Image_1.TIF. **2020**,

268 Image_2.TIF. **2020**,

267 Image_3.TIF. **2020**,

266 Image_4.TIF. **2020**,

265 Image_1.TIF. **2020**,

264 Table_1.DOCX. **2018**,

263 Video_1.avi. **2018**,

262 Video_2.avi. **2018**,

261 Video_3.avi. **2018**,

260 Image_1.JPEG. **2019**,

259 Image_2.JPEG. **2019**,

258 Image_3.JPEG. **2019**,

257 Image_4.JPEG. **2019,**

256 Table_1.pdf. **2019,**

255 Video_1.MOV. **2019,**

254 Video_2.MOV. **2019,**

253 Video_3.MOV. **2019,**

252 Video_4.MOV. **2019,**

251 Video_5.MOV. **2019,**

250 Video_6.MOV. **2019,**

249 Table_1.XLSX. **2019,**

248 Table_10.XLSX. **2019,**

247 Table_2.XLSX. **2019,**

246 Table_3.XLSX. **2019,**

245 Table_4.XLSX. **2019,**

244 Data_Sheet_1.PDF. **2019,**

243 Table_5.XLSX. **2019,**

242 Table_6.XLSX. **2019,**

241 Table_7.XLSX. **2019,**

240 Table_8.XLSX. **2019,**

239 Table_9.XLSX. **2019,**

238 Table_1.docx. **2020,**

237 Image_1.TIF. **2019,**

236 Data_Sheet_1.PDF. **2020,**

235 Data_Sheet_1.zip. **2019,**

234 Image_1.jpg. **2019,**

233 Image_2.jpg. **2019,**

232 Video_1.MP4. **2019,**

231 Video_2.MP4. **2019,**

230 Video_3.MP4. **2019,**

229 Video_4.MP4. **2019,**

228 Video_5.MP4. **2019,**

227 Video_6.MP4. **2019,**

226 Video_7.MP4. **2019,**

225 Video_8.MP4. **2019,**

224 Data_Sheet_1.DOCX. **2018,**

223 Data_Sheet_1.PDF. **2019,**

222 Table_1.XLSX. **2019,**

221 Data_Sheet_1.pdf. **2018,**

220 Data_Sheet_2.pdf. **2018,**

219 Image_1.JPEG. **2019,**

218 Image_2.JPEG. **2019,**

217 Image_3.jpeg. **2019,**

216 Image_4.jpeg. **2019,**

215 Video_1.MP4. **2019,**

214 Video_2.MP4. **2019,**

213 Data_Sheet_1.PDF. **2020,**

212 Data_Sheet_2.PDF. **2020,**

211 Data_Sheet_3.PDF. **2020,**

210 Data_Sheet_4.PDF. **2020,**

209 Data_Sheet_5.PDF. **2020,**

208 Data_Sheet_6.PDF. **2020,**

207 Data_Sheet_7.PDF. **2020,**

206 Data_Sheet_1.docx. **2020,**

205 Table_1.docx. **2020,**

204 Data_Sheet_1.PDF. **2020,**

203 DataSheet_1.docx. **2020**,

202 Data_Sheet_2.PDF. **2018**,

201 Video_1.MP4. **2018**,

200 Video_2.MP4. **2018**,

199 Image_1.tiff. **2020**,

198 Image_2.tiff. **2020**,

197 Table_1.pdf. **2020**,

196 Table_2.pdf. **2020**,

195 Direct and indirect regulation of the tumor immune microenvironment by VEGF.. **2022**,

0

194 Nanoparticle Properties Influence Transendothelial Migration of Monocytes.. **2022**,

1

193 Molecular Mechanisms of Leukocyte β_2 Integrin Activation.. **2022**,

1

192 β_2 -Integrins - Regulatory and Executive Bridges in the Signaling Network Controlling Leukocyte Trafficking and Migration.. **2022**, 13, 809590

1

191 The role of adhesive receptor patterns on cell transport in complex microvessels.. **2022**, 1

0

190 Hypoxia as a Modulator of Inflammation and Immune Response in Cancer.. **2022**, 14,

1

189 Biomimetic Nanoparticle Drug Delivery Systems to Overcome Biological Barriers for Therapeutic Applications.. **2022**, 70, 334-340

188 Latest Advances in Biomimetic Cell Membrane-Coated and Membrane-Derived Nanovectors for Biomedical Applications.. **2022**, 12,

1

187 Association of life course adiposity with risk of incident dementia: a prospective cohort study of 322,336 participants.. **2022**,

186 Engineering the Human Blood-Brain Barrier at the Capillary Scale using a Double-Templating Technique. 2110289

0

185	UDP/P2Y contributes to enhancing LPS-induced acute lung injury by regulating neutrophil migration.. 2022 , 376, 104530	0
184	Induction of memory-like adaptive responses in murine neutrophils in vitro.. 2022 , 376, 104535	1
183	Deficiencia de adhesi3n de leucocitos. 2022 , 31, 21-26	
182	Mechanisms of Mitochondrial Malfunction in Alzheimer's Disease: New Therapeutic Hope. 2022 , 2022, 1-28	7
181	Anti-Inflammatory Potential of Fucoidan for Atherosclerosis: In Silico and In Vitro Studies in THP-1 Cells. 2022 , 27, 3197	0
180	Claudin-12 deficiency inhibits tumor growth by impairing transendothelial migration of myeloid-derived suppressor cells.. 2022 ,	1
179	Limited dose-dependent effects of vedolizumab on various leukocyte subsets.. 2022 ,	1
178	?????T?????????????????. 2022 ,	
177	Sex differences in coronary artery disease and diabetes revealed by scRNA-Seq and CITE-Seq of human CD4+ T cells.	0
176	A humanized α integrin knockin mouse reveals localized intra- and extravascular neutrophil integrin activation in vivo. 2022 , 39, 110876	2
175	An EPR-Independent Extravasation Strategy: Deformable Leukocytes as Vehicles for Improved Solid Tumor Therapy. 2022 , 114380	1
174	Deficiency of Lactoferrin aggravates lipopolysaccharide-induced acute inflammation via recruitment macrophage in mice.	1
173	The Connection Between Rap1 and Talin1 in the Activation of Integrins in Blood Cells. 2022 , 10,	0
172	Research Progress on the Immunogenicity and Regeneration of Acellular Adipose Matrix: A Mini Review. 10,	0
171	Epigenetic Regulation of Inflammatory Signaling and Inflammation-Induced Cancer. 10,	0
170	Integrin Regulators in Neutrophils. 2022 , 11, 2025	0
169	Inducible endothelial leakiness in nanotherapeutic applications. 2022 , 121640	1
168	Regulation and Dysregulation of Endothelial Permeability during Systemic Inflammation. 2022 , 11, 1935	2

- 167 The emerging role of neutrophilic extracellular traps in intestinal disease. **2022**, 14, 1
- 166 Effects of *Pasteurella multocida* on Histopathology, miRNA and mRNA Expression Dynamics in Lung of Goats. **2022**, 12, 1529 0
- 165 Vedolizumab blocks $\alpha 4 \beta 7$ integrin-mediated T cell adhesion to MAdCAM-1 in microscopic colitis. **2022**, 15, 175628482210988 0
- 164 Vascular Pathobiology: Atherosclerosis and Large Vessel Disease. **2022**, 265-306
- 163 N-Glycosylation and Inflammation; the Not-So-Sweet Relation. 13, 2
- 162 Tumor regionalization after surgery: Roles of the tumor microenvironment and neutrophil extracellular traps. **2022**, 54, 720-729 0
- 161 Pathophysiological Concepts and Management of Pulmonary Manifestation of Pediatric Inflammatory Bowel Disease. **2022**, 23, 7287 0
- 160 Phostensin enables lymphocyte integrin activation and population of peripheral lymphoid organs. **2022**, 219, 0
- 159 Splice factor polypyrimidine tract-binding protein 1 (Ptbp1) primes endothelial inflammation in atherogenic disturbed flow conditions. **2022**, 119, 0
- 158 EPSTI1 promotes monocyte adhesion to endothelial cells in vitro via upregulating VCAM-1 and ICAM-1 expression. 1
- 157 Angiotensin AT2 Receptor Stimulation Alleviates Collagen-Induced Arthritis by Upregulation of Regulatory T Cell Numbers. 13, 1
- 156 Sphingomyelin Depletion Inhibits CXCR4 Dynamics and CXCL12-Mediated Directed Cell Migration in Human T Cells. 13, 0
- 155 Etrolizumab-s Does Not Induce Residual Trafficking of Regulatory T Cells. 1
- 154 Gut microbiota composition in colorectal cancer patients is genetically regulated. **2022**, 12, 2
- 153 Mimicking the Natural Basement Membrane for Advanced Tissue Engineering. 3
- 152 IsoLGs (Isolevuglandins) Drive Neutrophil Migration in Hypertension and Are Essential for the Formation of Neutrophil Extracellular Traps. **2022**, 79, 1644-1655 1
- 151 Extracellular vesicles for renal therapeutics: State of the art and future perspective. **2022**, 349, 32-50 1
- 150 Aged microglia promote peripheral T cell infiltration by reprogramming the microenvironment of neurogenic niches. **2022**, 19, 0

- 149 Lipid-related FABP5 activation of tumor-associated monocytes fosters immune privilege via PD-L1 expression on Treg cells in hepatocellular carcinoma. 0
- 148 Polymeric particle-based therapies for acute inflammatory diseases. 1
- 147 Histamine Produced by Gram-Negative Bacteria Impairs Neutrophil Antimicrobial Response by Engaging the Histamine 2 Receptor. 1-21
- 146 Intravital calcium imaging in myeloid leukocytes identifies calcium frequency spectra as indicators of functional states. **2022**, 15,
- 145 Mass Changes the Diffusion Coefficient of Particles with Ligand-Receptor Contacts in the Overdamped Limit. **2022**, 129, 0
- 144 Keratinocyte-derived defensins activate neutrophil-specific receptors Mrgpra2a/b to prevent skin dysbiosis and bacterial infection. **2022**, 1
- 143 Endothelial colony forming cell rolling and adhesion supported by peptide-grafted hydrogels. **2022**, 0
- 142 The role of neutrophils in the dysfunction of central nervous system barriers. 14, 0
- 141 Targeting HECTD3-IKK β axis inhibits inflammation-related metastasis. **2022**, 7, 0
- 140 Roles of the nucleus in leukocyte migration. 0
- 139 HMGB1 increases myelin debris phagocytosis and ICAM-1 expression in rat CNS endothelial cells in vitro via the TLR4/NF- κ B pathway.
- 138 Neutrophil trogocytosis during their trans-endothelial migration: role of extracellular CIRP. **2022**, 28,
- 137 Roles of mitochondria in neutrophils. 13, 0
- 136 Substratum interactions determine immune response to allogeneic transplants of endothelial cells. 13, 0
- 135 Platelet Endothelial Cell Adhesion Molecule (PECAM/CD31) Blockade Modulates Neutrophil Recruitment Patterns and Reduces Infarct Size in Experimental Ischemic Stroke. **2022**,
- 134 Neutrophils and Neutrophil Extracellular Traps in Cardiovascular Disease: An Overview and Potential Therapeutic Approaches. **2022**, 10, 1850 1
- 133 Molecular and histological correlates of cognitive decline across age in male C57BL/6J mice.
- 132 Gut immune cell trafficking: inter-organ communication and immune-mediated inflammation. 3

- 131 Migration and homeostasis of regulatory T cells in rheumatoid arthritis. 13, 2
- 130 Toxoplasma effector-induced ICAM-1 expression by infected dendritic cells potentiates transmigration across polarised endothelium. 13, 0
- 129 Light-driven single-cell rotational adhesion frequency assay. **2022**, 2, 1
- 128 Pro-inflammatory cytokines and leukocyte integrins associated with chronic neuropathic pain in traumatic and inflammatory neuropathies: Initial observations and hypotheses. 13, 0
- 127 Histamine promotes adhesion of neutrophils by inhibition of autophagy in dairy cows with subacute ruminal acidosis. **2022**, 105, 7600-7614 0
- 126 Late phase endothelial cell inflammation is characterized by interferon response genes and driven by JAK/STAT, not NFB. **2022**, 146, 107090 0
- 125 An overview of quantum dots-induced immunotoxicity and the underlying mechanisms. **2022**, 311, 119865 1
- 124 miR-150-5p and XIST interaction controls monocyte adherence: Implications for osteoarthritis therapy. 13, 0
- 123 7-Methoxyisoflavone suppresses vascular endothelial inflammation by inhibiting the expression of endothelial adhesion molecules. **2022**, 933, 175268 0
- 122 Shinjulactone A Blocks Vascular Inflammation and the Endothelial-Mesenchymal Transition. **2022**, 11, 272 0
- 121 NRF2 activation by 2-methoxycinnamaldehyde attenuates inflammatory responses in macrophages via enhancing autophagy flux. **2022**, 55, 407-412 0
- 120 Sex Differences in Coronary Artery Disease and Diabetes Revealed by scRNA-Seq and CITE-Seq of Human CD4+ T Cells. **2022**, 23, 9875 0
- 119 The GAG-Binding Peptide MIG30 Protects against Liver Ischemia-Reperfusion in Mice. **2022**, 23, 9715 0
- 118 Tumor necrosis factor receptor regulation of peripheral node addressin biosynthetic components in tumor endothelial cells. 13, 0
- 117 Engineering physical microenvironments to study innate immune cell biophysics. **2022**, 6, 031504 1
- 116 Extracellular Vesicles in Sickle Cell Disease: A Promising Tool. **2022**, 9, 439 0
- 115 Looking beyond the Skin: Pathophysiology of Cardiovascular Comorbidity in Psoriasis and the Protective Role of Biologics. **2022**, 15, 1101 0
- 114 Neutrophil depletion in the pre-implantation phase impairs pregnancy index, placenta and fetus development. 13, 0

113	A Functional Network Driven by MicroRNA-125a Regulates Monocyte Trafficking in Acute Inflammation. 2022 , 23, 10684	o
112	Apremilast ameliorates acute respiratory distress syndrome by inhibiting neutrophil-induced oxidative stress. 2022 ,	o
111	Costimulators expressed on human endothelial cells modulate antigen-dependent recruitment of circulating T lymphocytes. 13,	o
110	THE RATIO OF THE STATE OF LOCAL AND IMMUNE REACTIONS IN SAMI WOMEN.	o
109	How cell migration helps immune sentinels. 10,	o
108	Origin, activation, and targeted therapy of glioma-associated macrophages. 13,	1
107	B-cell receptor associated protein 31 deficiency decreases the expression of adhesion molecule CD11b/CD18 and PSGL-1 in neutrophils to ameliorate acute lung injury. 2022 , 152, 106299	o
106	An overview of kinin mediated events in cancer progression and therapeutic applications. 2022 , 1877, 188807	o
105	Blut Thrombocyten und Leukocyten. 2022 , 1159-1178	o
104	Neutrophils in pancreatic cancer: Potential therapeutic targets. 12,	o
103	Non-Canonical Functions of Myeloperoxidase in Immune Regulation, Tissue Inflammation and Cancer. 2022 , 23, 12250	o
102	Bioactive food components and their inhibitory actions in multiple platelet pathways.	o
101	Annexins and cardiovascular diseases: Beyond membrane trafficking and repair. 10,	o
100	Investigation of the Clinical Utility of Adhesion Molecules in the Management of Thyroid Nodules.	o
99	Human Papillary and Reticular Fibroblasts Show Distinct Functions on Tumor Behavior in 3D-Organotypic Cultures Mimicking Melanoma and HNSCC. 2022 , 23, 11651	o
98	Upgrading Monocytes Therapy for Critical Limb Ischemia Patient Treatment: Pre-Clinical and GMP-Validation Aspects. 2022 , 23, 12669	o
97	Tension Enhances the Binding Affinity of $\alpha 1$ Integrin by Clamping Talin Tightly: An Insight from Steered Molecular Dynamics Simulations.	1
96	Structural surfaceomics reveals an AML-specific conformation of Integrin- $\beta 2$ as a CAR-T therapy target.	o

95	Identification of Immune and Hypoxia Risk Classifier to Estimate Immune Microenvironment and Prognosis in Cervical Cancer. 2022 , 2022, 1-20	1
94	Salmonella typhimurium induces intestinal inflammatory response through activation of Cav-1/Akt/IKK α /NF- κ B signaling pathway.	0
93	Sourcing cells for in vitro models of human vascular barriers of inflammation. 4,	0
92	Migratory Engineering of T Cells for Cancer Therapy. 2022 , 10, 1845	1
91	Biophysical heterogeneity of myeloid-derived microenvironment to regulate resistance to cancer immunotherapy. 2022 , 191, 114585	0
90	Neutrophil mediated drug delivery for targeted glioblastoma therapy: A comprehensive review. 2022 , 156, 113841	0
89	Modulation of the Functional State of Mouse Neutrophils by Selenium Nanoparticles In Vivo. 2022 , 23, 13651	1
88	Neutrophil breaching of the blood vessel pericyte layer during diapedesis requires mast cell-derived IL-17A. 2022 , 13,	1
87	Pannexin1 channels potential therapeutic target in inflammation. 10,	1
86	Spatiotemporal characteristics of P-selectin-induced β 2 integrin activation of human neutrophils under flow. 13,	3
85	Methods to Assess Chemokine Binding and Anti-chemotactic Activity of Virus Proteins. 2023 , 217-234	0
84	Distinct stimulus-dependent neutrophil dynamics revealed by real-time imaging of intestinal mucosa after acute injury.	0
83	Multiphoton intravital microscopy of rodents. 2022 , 2,	1
82	Potential Roles of Selectins in Periodontal Diseases and Associated Systemic Diseases: Could They Be Targets for Immunotherapy?. 2022 , 23, 14280	1
81	In silico network-based screening reveals candidates for endothelial dysfunction therapy.	0
80	Galectin-9: A novel promoter of atherosclerosis progression. 2022 ,	0
79	Endothelial Rap1B mediates T-cell exclusion to promote tumor growth: a novel mechanism underlying vascular immunosuppression.	0
78	Lymphocyte-Endothelial Interactions. 2016 , 505-524	0

77	Heme oxygenase-1 protects against PM2.5 induced endothelial dysfunction through inhibition of HIF1 α . 2023 , 97, 104024	0
76	Role of endothelial cells in graft-versus-host disease. 13,	0
75	Inhibition of myeloperoxidase attenuates thoracic aortic aneurysm formation in Marfan disease.	0
74	Cross-species analysis identifies conserved transcriptional mechanisms of neutrophil maturation.	0
73	In vivo methods for imaging bloodBrain barrier function and dysfunction.	1
72	Lung injury following cardiopulmonary bypass: a clinical update. 2022 , 20, 871-880	0
71	Myeloperoxidase: Regulation of Neutrophil Function and Target for Therapy. 2022 , 11, 2302	0
70	Neutrophils are gatekeepers of mucosal immunity.	0
69	Rolling microswarms along acoustic virtual walls. 2022 , 13,	2
68	Programming Multicellular Assembly with Synthetic Cell Adhesion Molecules.	0
67	Endothelial PTP4A1 mitigates vascular inflammation via USF1/A20 axis-mediated NF- κ B inactivation.	0
66	The coming of age of neutrophil extracellular traps in thrombosis: Where are we now and where are we headed?.	1
65	The Functional Components of Sea Cucumber and their Nutritional and Biological Activities. 2023 , 51-124	0
64	NK cells reduce anergic T cell development in early-stage tumors by promoting myeloid cell maturation. 12,	0
63	Controlling in and out of the future of interfering with immune cell trafficking in inflammatory bowel disease. 1-13	0
62	Immune Checkpoint and Other Receptor-Ligand Pairs Modulating Macrophages in Cancer: Present and Prospects. 2022 , 14, 5963	0
61	Towards Better Sinomenine-Type Drugs to Treat Rheumatoid Arthritis: Molecular Mechanisms and Structural Modification. 2022 , 27, 8645	0
60	The effect of type-2 diabetes conditions on neutrophil rolling adhesion. 2022 , 15,	0

- 59 Modifying enzyme replacement therapy [A perspective. o
- 58 Adhesion Molecules as Prognostic Biomarkers in Coronary Artery Disease. **2023**, 23, o
- 57 Amoeboid migration in health and disease: Immune responses versus cancer dissemination. 10, o
- 56 Neutrophil Biology. **2016**, 677-687 o
- 55 Vitamin D and its effects on cell adhesion molecules: A systematic review. o
- 54 Streptococcus pneumoniae meningitis and the CNS barriers. 12, o
- 53 Evaluation of Endocan as a Treatment for Acute Inflammatory Respiratory Failure. **2023**, 12, 257 o
- 52 A Novel Deletion in FERMT3 Causes LAD-III in a Turkish Family. o
- 51 Serine proteases mediate leukocyte recruitment and hepatic microvascular injury in the acute phase following extended hepatectomy. o
- 50 Nanoscopic Characterization of Cell Migration under Flow Using Optical and Electron Microscopy. o
- 49 Molecular Modeling Insights into the Structure and Behavior of Integrins: A review. **2023**, 12, 324 o
- 48 Research progress on the active ingredients of traditional Chinese medicine in the intervention of atherosclerosis: A promising natural immunotherapeutic adjuvant. **2023**, 159, 114201 o
- 47 Immunoregulatory mechanism of acute kidney injury in sepsis: A Narrative Review. **2023**, 159, 114202 o
- 46 Acute Inflammation in Tissue Healing. **2023**, 24, 641 o
- 45 The Flavonoid Naringenin Alleviates Collagen-Induced Arthritis through Curbing the Migration and Polarization of CD4+ T Lymphocyte Driven by Regulating Mitochondrial Fission. **2023**, 24, 279 o
- 44 Maternal and fetal issues in COVID-19-mediated thromboinflammation. **2023**, 603-622 o
- 43 Autonomous Motion Behavior. **2023**, 99-130 o
- 42 Cell-Based Drug Delivery Systems with Innate Homing Capability as a Novel Nanocarrier Platform. Volume 18, 509-525 o

- 41 Extracellular vesicles mediate biological information delivery: A double-edged sword in cardiac remodeling after myocardial infarction. 14, ○
- 40 The role of protein glycosylation in the occurrence and outcome of acute ischemic stroke. **2023**, 106726 ○
- 39 Sialylation regulates neutrophil transepithelial migration, CD11b/CD18 activation, and intestinal mucosal inflammatory function. **2023**, 8, ○
- 38 Monocyte-Derived miRNA-1914-5p Attenuates IL-1 β -Induced Monocyte Adhesion and Transmigration. **2023**, 24, 2829 ○
- 37 Newer insights on how to TEC down T-ALL. **2023**, 141, 444-445 ○
- 36 Effect of Supplemental Oxygen on von Willebrand Factor Activity and Ristocetin Cofactor Activity in Patients at Risk for Cardiovascular Complications Undergoing Moderate-to High-Risk Major Noncardiac Surgery: A Secondary Analysis of a Randomized Trial. **2023**, 12, 1222 ○
- 35 Endothelial Toll-like receptor 4 is required for microglia activation in the murine retina after systemic lipopolysaccharide exposure. **2023**, 20, ○
- 34 A Comprehensive Review of Risk Factors for Venous Thromboembolism: From Epidemiology to Pathophysiology. **2023**, 24, 3169 ○
- 33 Fabrication of perfusable microvessel networks by mimicking in vivo vasculogenesis using a novel scaffold-wrapping method. **2023**, 227, 111707 ○
- 32 Vitronectin promotes immunothrombotic dysregulation in the venular microvasculature. 14, ○
- 31 Heparin, Heparan Sulphate and Sepsis: Potential New Options for Treatment. **2023**, 16, 271 ○
- 30 The interplay between T helper cells and brain barriers in the pathogenesis of multiple sclerosis. 17, ○
- 29 Recruitment and residence of intestinal T cells :Lessons for therapy in IBD. ○
- 28 Tetrahedral framework nucleic acid nanomaterials reduce the inflammatory damage in sepsis by inhibiting pyroptosis. ○
- 27 The role of G protein-coupled receptor in neutrophil dysfunction during sepsis-induced acute respiratory distress syndrome. 14, ○
- 26 Endothelial glycocalyx-associated molecules as potential serological markers for sepsis-associated encephalopathy: A systematic review and meta-analysis. **2023**, 18, e0281941 ○
- 25 Extracellular ATP molecules effects the functional properties of granulocyte plasma membrane. **2020**, 15, 63-67 ○
- 24 Establishment and application of a high-throughput screening model for cell adhesion inhibitors. 14, ○

- 23 The versatile roles of ADAM8 in cancer cell migration, mechanics, and extracellular matrix remodeling. 11, ○
- 22 Natural flavonoids derived from herbal medicines are potential anti-atherogenic agents by inhibiting oxidative stress in endothelial cells. 14, ○
- 21 Correcting inborn errors of immunity: From viral mediated gene addition to gene editing. **2023**, 66, 101731 ○
- 20 The transient receptor potential channels in rheumatoid arthritis: Need to pay more attention. 14, ○
- 19 Nectins and Nectin-like molecules drive vascular development and barrier function. ○
- 18 GPR35 and mediators from platelets and mast cells in neutrophil migration and inflammation. ○
- 17 Control of myeloid cell functions by nociceptors. 14, ○
- 16 Upregulation of CXCL1 and FCGR1A is Associated With the ischemic stroke and Crohn's Disease. ○
- 15 Investigation of the clinical utility of adhesion molecules in the management of thyroid nodules. **2023**, 13, ○
- 14 Integrins in Immune Homeostasis and Disease. **2023**, 273-307 ○
- 13 The Regulation of Neutrophil Migration in Patients with Sepsis: The Complexity of the Molecular Mechanisms and Their Modulation in Sepsis and the Heterogeneity of Sepsis Patients. **2023**, 12, 1003 ○
- 12 Site-specific Effector Protein Functionalization to Create Bead-based Avidity Model Systems. ○
- 11 Role of gasotransmitters in inflammatory edema. ○
- 10 4D Force Detection of Cell Adhesion and Contractility. **2023**, 23, 2467-2475 ○
- 9 COVID-19 mRNA Vaccines: The Molecular Basis of Some Adverse Events. **2023**, 11, 747 ○
- 8 Magnetic Resonance Imaging of Neuroinflammation. **2023**, 91-117 ○
- 7 Vascular Effects on Cerebrovascular Permeability and Neurodegeneration. **2023**, 13, 648 ○
- 6 Neutrophil-Membrane-Coated Biomaterialized Metal-Organic Framework Nanoparticles for Atherosclerosis Treatment by Targeting Gene Silencing. ○

- 5 Local analgesia of electroacupuncture is mediated by the recruitment of neutrophils and released β -endorphins. **2023**, Publish Ahead of Print, o
- 4 Therapeutic Effects of an Anti-Sialyl Lewis x Antibody in a Murine Model of Acute Lung Injury. o
- 3 Alpha4 beta7 integrin controls Th17 cell trafficking in the spinal cord leptomeninges during experimental autoimmune encephalomyelitis. 14, o
- 2 Cardiac Microvascular Endothelial Cells and Pressure Overload-Induced Cardiac Fibrosis. **2023**, 229-264 o
- 1 Barriers to immune cell infiltration in tumors. **2023**, 11, e006401 o