

Triantafyllos Chavakis

List of Publications by Year in Descending Order

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

194
papers

13,850
citations

66
h-index

114
g-index

207
ext. papers

17,114
ext. citations

11
avg, IF

6.62
L-index

#	Paper	IF	Citations
194	Maladaptive trained immunity and clonal hematopoiesis as potential mechanistic links between periodontitis and inflammatory comorbidities.. <i>Periodontology 2000</i> , 2022 ,	12.9	1
193	Liquid chromatography-tandem mass spectrometry based quantification of arginine metabolites including polyamines in different sample matrices.. <i>Journal of Chromatography A</i> , 2022 , 1671, 463021	4.5	
192	Maladaptive innate immune training of myelopoiesis links inflammatory comorbidities.. <i>Cell</i> , 2022 ,	56.2	6
191	Trained Immunity and Cardiometabolic Disease: The Role of Bone Marrow. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 48-54	9.4	6
190	Myelodysplastic Syndromes and Metabolism. <i>International Journal of Molecular Sciences</i> , 2021 , 22, 112506.3		1
189	Trained innate immunity, long-lasting epigenetic modulation, and skewed myelopoiesis by heme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	9
188	Directional mast cell degranulation of tumor necrosis factor into blood vessels primes neutrophil extravasation. <i>Immunity</i> , 2021 , 54, 468-483.e5	32.3	9
187	HIF2 α is a direct regulator of neutrophil motility. <i>Blood</i> , 2021 , 137, 3416-3427	2.2	3
186	The C5a/C5a receptor 1 axis controls tissue neovascularization through CXCL4 release from platelets. <i>Nature Communications</i> , 2021 , 12, 3352	17.4	4
185	Immunometabolic control of hematopoiesis. <i>Molecular Aspects of Medicine</i> , 2021 , 77, 100923	16.7	7
184	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021 , 22, 2-6	19.1	85
183	Local and systemic mechanisms linking periodontal disease and inflammatory comorbidities. <i>Nature Reviews Immunology</i> , 2021 , 21, 426-440	36.5	117
182	HIF-Prolyl Hydroxylase Domain Proteins (PHDs) in Cancer-Potential Targets for Anti-Tumor Therapy?. <i>Cancers</i> , 2021 , 13,	6.6	5
181	Glycolysis is integral to histamine-induced endothelial hyperpermeability. <i>FASEB Journal</i> , 2021 , 35, e21425		2
180	Hepatic Senescence Accompanies the Development of NAFLD in Non-Aged Mice Independently of Obesity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
179	The Role of Innate Immune Cells in Nonalcoholic Fatty Liver Disease. <i>Journal of Innate Immunity</i> , 2021 , 1-11	6.9	3
178	The RNA binding protein human antigen R is a gatekeeper of liver homeostasis. <i>Hepatology</i> , 2021 ,	11.2	2

177	HIF2 α regulates the synthesis and release of epinephrine in the adrenal medulla. <i>Journal of Molecular Medicine</i> , 2021 , 99, 1655-1666	5.5	1
176	Stromal cell-derived DEL-1 inhibits Tfh cell activation and inflammatory arthritis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	1
175	HIF1 α is a direct regulator of steroidogenesis in the adrenal gland. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 3577-3590	10.3	8
174	Frontline Science: Activation of metabolic nuclear receptors restores periodontal tissue homeostasis in mice with leukocyte adhesion deficiency-1. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 1501-1514	6.5	5
173	Noncanonical inhibition of caspase-3 by a nuclear microRNA confers endothelial protection by autophagy in atherosclerosis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	39
172	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020 , 20, 375-388	38.5	587
171	Mice Deficient in the IL-1 β Activation Genes Prtn3, Elane, and Casp1 Are Protected Against the Development of Obesity-Induced NAFLD. <i>Inflammation</i> , 2020 , 43, 1054-1064	5.1	21
170	Phagocytosis of Apoptotic Cells in Resolution of Inflammation. <i>Frontiers in Immunology</i> , 2020 , 11, 553	8.4	54
169	Erythromycin inhibits neutrophilic inflammation and mucosal disease by upregulating DEL-1. <i>JCI Insight</i> , 2020 , 5,	9.9	12
168	The DEL-1/ β integrin axis promotes regulatory T cell responses during inflammation resolution. <i>Journal of Clinical Investigation</i> , 2020 , 130, 6261-6277	15.9	10
167	Robo4-mediated pancreatic endothelial integrity decreases inflammation and islet destruction in autoimmune diabetes. <i>FASEB Journal</i> , 2020 , 34, 3336-3346	0.9	6
166	An intrinsic role of IL-33 in T cell-mediated tumor immunoevasion. <i>Nature Immunology</i> , 2020 , 21, 75-85	19.1	46
165	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , 2020 , 33, 108387	10.6	50
164	Regulation of the Bone Marrow Niche by Inflammation. <i>Frontiers in Immunology</i> , 2020 , 11, 1540	8.4	27
163	Fate of Adipose Progenitor Cells in Obesity-Related Chronic Inflammation. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 644	5.7	7
162	Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. <i>Cell Metabolism</i> , 2020 , 32, 591-604.e7	24.6	28
161	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020 , 183, 771-785.e12	56.2	86
160	Current understanding of periodontal disease pathogenesis and targets for host-modulation therapy. <i>Periodontology 2000</i> , 2020 , 84, 14-34	12.9	54

159	An injectable hydrogel-formulated inhibitor of prolyl-4-hydroxylase promotes T regulatory cell recruitment and enhances alveolar bone regeneration during resolution of experimental periodontitis. <i>FASEB Journal</i> , 2020 , 34, 13726-13740	0.9	11
158	Neutrophils as Orchestrators in Tumor Development and Metastasis Formation. <i>Frontiers in Oncology</i> , 2020 , 10, 581457	5.3	8
157	DHEA Inhibits Leukocyte Recruitment through Regulation of the Integrin Antagonist DEL-1. <i>Journal of Immunology</i> , 2020 , 204, 1214-1224	5.3	7
156	CD147 is a Novel Interaction Partner of Integrin $\alpha 5 \beta 1$ Mediating Leukocyte and Platelet Adhesion. <i>Biomolecules</i> , 2020 , 10,	5.9	11
155	The secreted protein DEL-1 activates a $\beta 1$ integrin-FAK-ERK1/2-RUNX2 pathway and promotes osteogenic differentiation and bone regeneration. <i>Journal of Biological Chemistry</i> , 2020 , 295, 7261-7273	5.4	15
154	Hematopoietic stem cell response to acute thrombocytopenia requires signaling through distinct receptor tyrosine kinases. <i>Blood</i> , 2019 , 134, 1046-1058	2.2	7
153	Neurosteroids as regulators of neuroinflammation. <i>Frontiers in Neuroendocrinology</i> , 2019 , 55, 100788	8.9	72
152	Nerve growth factor regulates endothelial cell survival and pathological retinal angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 2362-2371	5.6	18
151	53BP1 Deficiency Promotes Pathological Neovascularization in Proliferative Retinopathy. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 439-448	7	3
150	Hematopoietic progenitor cells as integrative hubs for adaptation to and fine-tuning of inflammation. <i>Nature Immunology</i> , 2019 , 20, 802-811	19.1	93
149	Endothelial-Specific Deficiency of ATG5 (Autophagy Protein 5) Attenuates Ischemia-Related Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1137-1148	9.4	23
148	Increased proteinase 3 and neutrophil elastase plasma concentrations are associated with non-alcoholic fatty liver disease (NAFLD) and type 2 diabetes. <i>Molecular Medicine</i> , 2019 , 25, 16	6.2	23
147	DEL-1-Regulated Immune Plasticity and Inflammatory Disorders. <i>Trends in Molecular Medicine</i> , 2019 , 25, 444-459	11.5	25
146	Macrophage $\alpha 5 \beta 1$ -Integrins Regulate IL-22 by ILC3s and Protect from Lethal <i>Citrobacter rodentium</i> -Induced Colitis. <i>Cell Reports</i> , 2019 , 26, 1614-1626.e5	10.6	17
145	Trained Innate Immunity and Its Implications for Mucosal Immunity and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1197, 11-26	3.6	10
144	Nerve Growth Factor modulates LPS - induced microglial glycolysis and inflammatory responses. <i>Experimental Cell Research</i> , 2019 , 377, 10-16	4.2	28
143	Comprehensive and quantitative analysis of white and brown adipose tissue by shotgun lipidomics. <i>Molecular Metabolism</i> , 2019 , 22, 12-20	8.8	19
142	Hypoxia Pathway Proteins in Normal and Malignant Hematopoiesis. <i>Cells</i> , 2019 , 8,	7.9	24

141	Hematopoietic hypoxia-inducible factor 2 deficiency ameliorates pathological retinal neovascularization via modulation of endothelial cell apoptosis. <i>FASEB Journal</i> , 2019 , 33, 1758-1770	0.9	11
140	DEL-1 promotes macrophage efferocytosis and clearance of inflammation. <i>Nature Immunology</i> , 2019 , 20, 40-49	19.1	93
139	Immunometabolic Crosstalk: An Ancestral Principle of Trained Immunity?. <i>Trends in Immunology</i> , 2019 , 40, 1-11	14.4	61
138	IL-1 Family Cytokine Pathways Underlying NAFLD: Towards New Treatment Strategies. <i>Trends in Molecular Medicine</i> , 2018 , 24, 458-471	11.5	48
137	Endothelial Cell-Specific Overexpression of Del-1 Drives Expansion of Haematopoietic Progenitor Cells in the Bone Marrow. <i>Thrombosis and Haemostasis</i> , 2018 , 118,	7	13
136	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , 2018 , 172, 135-146.e9	56.2	314
135	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018 , 172, 147-161.e12	56.2	417
134	The Missed Notch to Bring Down Diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2018 , 29, 448-450	8.8	1
133	The Coagulation Factors Fibrinogen, Thrombin, and Factor XII in Inflammatory Disorders-A Systematic Review. <i>Frontiers in Immunology</i> , 2018 , 9, 1731	8.4	73
132	Myelopoiesis in the Context of Innate Immunity. <i>Journal of Innate Immunity</i> , 2018 , 10, 365-372	6.9	40
131	Innate immune cells in the adipose tissue. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2018 , 19, 283-292.	20.5	39
130	CD8+ T cells in beige adipogenesis and energy homeostasis. <i>JCI Insight</i> , 2018 , 3,	9.9	18
129	Lymph Node Cellular Dynamics in Cancer and HIV: What Can We Learn for the Follicular CD4 (Tfh) Cells?. <i>Frontiers in Immunology</i> , 2018 , 9, 2233	8.4	4
128	Stabilin-1-Mediated Efferocytosis Protects against Vascular Leakage in Sepsis: A Novel Therapeutic Approach?. <i>Thrombosis and Haemostasis</i> , 2018 , 118, 1852-1853	7	
127	Hematopoietic Stem Cells but Not Multipotent Progenitors Drive Erythropoiesis during Chronic Erythroid Stress in EPO Transgenic Mice. <i>Stem Cell Reports</i> , 2018 , 10, 1908-1919	8	14
126	Hematopoietic stem cells can differentiate into restricted myeloid progenitors before cell division in mice. <i>Nature Communications</i> , 2018 , 9, 1898	17.4	26
125	The human longevity gene homolog INDY and interleukin-6 interact in hepatic lipid metabolism. <i>Hepatology</i> , 2017 , 66, 616-630	11.2	33
124	Milk fat globule epidermal growth factor 8 inhibits periodontitis in non-human primates and its gingival crevicular fluid levels can differentiate periodontal health from disease in humans. <i>Journal of Clinical Periodontology</i> , 2017 , 44, 472-483	7.7	7

123	A self-sustained loop of inflammation-driven inhibition of beige adipogenesis in obesity. <i>Nature Immunology</i> , 2017 , 18, 654-664	19.1	104
122	From leukocyte recruitment to resolution of inflammation: the cardinal role of integrins. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 677-683	6.5	63
121	Complement C3 inhibitor Cp40 attenuates xenoreactions in pig hearts perfused with human blood. <i>Xenotransplantation</i> , 2017 , 24, e12262	2.8	6
120	A BMP4-angiomiR connection in angiogenesis. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 650	7	2
119	Signal integration at the PI3K-p85-XBP1 hub endows coagulation protease activated protein C with insulin-like function. <i>Blood</i> , 2017 , 130, 1445-1455	2.2	20
118	Angiogenesis in metabolic-vascular disease. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 1289-1295	7	13
117	S100A9 induces monocyte/ macrophage migration via EMMPRIN. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 636-639	7	15
116	Endothelial cell-specific overexpression of developmental endothelial locus-1 does not influence atherosclerosis development in ApoE mice. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 2003-2005	7	3
115	Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2789-2804	15.9	66
114	Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3624-3639	15.9	55
113	Immune Cells and Metabolism. <i>Handbook of Experimental Pharmacology</i> , 2016 , 233, 221-49	3.2	23
112	The role of immune cells in metabolism-related liver inflammation and development of non-alcoholic steatohepatitis (NASH). <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 29-39	10.5	80
111	The role of innate immunity in the regulation of brown and beige adipogenesis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 41-9	10.5	12
110	Immune and regulatory functions of neutrophils in inflammatory bone loss. <i>Seminars in Immunology</i> , 2016 , 28, 146-58	10.7	64
109	Aspergillus Cell Wall Melanin Blocks LC3-Associated Phagocytosis to Promote Pathogenicity. <i>Cell Host and Microbe</i> , 2016 , 19, 79-90	23.4	127
108	Adipocyte-Specific Hypoxia-Inducible Factor 2 Deficiency Exacerbates Obesity-Induced Brown Adipose Tissue Dysfunction and Metabolic Dysregulation. <i>Molecular and Cellular Biology</i> , 2016 , 36, 376-93	4.8	45
107	Activation of proteinase 3 contributes to Non-alcoholic Fatty Liver Disease (NAFLD) and insulin resistance. <i>Molecular Medicine</i> , 2016 , 22,	6.2	20
106	No Role for Mast Cells in Obesity-Related Metabolic Dysregulation. <i>Frontiers in Immunology</i> , 2016 , 7, 524	8.4	27

105	Developmental endothelial locus-1 modulates platelet-monocyte interactions and instant blood-mediated inflammatory reaction in islet transplantation. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 781-8	7	29
104	Regulation of tissue infiltration by neutrophils: role of integrin $\beta 2$ and other factors. <i>Current Opinion in Hematology</i> , 2016 , 23, 36-43	3.3	19
103	Milk Fat Globule-Epidermal Growth Factor 8 (MFG-E8) Is a Novel Anti-inflammatory Factor in Rheumatoid Arthritis in Mice and Humans. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 596-605	6.3	27
102	Epithelial calcineurin controls microbiota-dependent intestinal tumor development. <i>Nature Medicine</i> , 2016 , 22, 506-15	50.5	68
101	Selective and differential interactions of BNN27, a novel C17-spiroepoxy steroid derivative, with TrkA receptors, regulating neuronal survival and differentiation. <i>Neuropharmacology</i> , 2016 , 111, 266-282	5.5	21
100	Interleukin-3 amplifies acute inflammation and is a potential therapeutic target in sepsis. <i>Science</i> , 2015 , 347, 1260-5	33.3	183
99	Leukotriene B4-Neutrophil Elastase Axis Drives Neutrophil Reverse Transendothelial Cell Migration In Vivo. <i>Immunity</i> , 2015 , 42, 1075-86	32.3	150
98	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , 2015 , 6, 6725	17.4	113
97	Loss of milk fat globule-epidermal growth factor 8 (MFG-E8) in mice leads to low bone mass and accelerates ovariectomy-associated bone loss by increasing osteoclastogenesis. <i>Bone</i> , 2015 , 76, 107-14	4.7	13
96	Defective podocyte insulin signalling through p85-XBP1 promotes ATF6-dependent maladaptive ER-stress response in diabetic nephropathy. <i>Nature Communications</i> , 2015 , 6, 6496	17.4	98
95	DEL-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in nonhuman primates. <i>Science Translational Medicine</i> , 2015 , 7, 307ra155	17.5	56
94	Regulation of Instant Blood Mediated Inflammatory Reaction (IBMIR) in Pancreatic Islet Xeno-Transplantation: Points for Therapeutic Interventions. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 865, 171-88	3.6	19
93	The Cellular and Molecular Basis of Translational Immunometabolism. <i>Immunity</i> , 2015 , 43, 421-34	32.3	123
92	Antagonistic effects of IL-17 and D-resolvins on endothelial Del-1 expression through a GSK-3 β /EBP β pathway. <i>Nature Communications</i> , 2015 , 6, 8272	17.4	77
91	Leukocyte integrins: role in leukocyte recruitment and as therapeutic targets in inflammatory disease. <i>Pharmacology & Therapeutics</i> , 2015 , 147, 123-135	13.9	158
90	Developmental endothelial locus-1 is a homeostatic factor in the central nervous system limiting neuroinflammation and demyelination. <i>Molecular Psychiatry</i> , 2015 , 20, 880-888	15.1	48
89	Multipotent glia-like stem cells mediate stress adaptation. <i>Stem Cells</i> , 2015 , 33, 2037-51	5.8	24
88	Endothelial-specific deficiency of Junctional Adhesion Molecule-C promotes vessel normalisation in proliferative retinopathy. <i>Thrombosis and Haemostasis</i> , 2015 , 114, 1241-9	7	16

87	Endogenous Two-Photon Excited Fluorescence Provides Label-Free Visualization of the Inflammatory Response in the Rodent Spinal Cord. <i>BioMed Research International</i> , 2015 , 2015, 859084	3	13
86	Extracellular MRP8/14 is a regulator of α integrin-dependent neutrophil slow rolling and adhesion. <i>Nature Communications</i> , 2015 , 6, 6915	17.4	104
85	Neutrophil homeostasis and inflammation: novel paradigms from studying periodontitis. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 539-48	6.5	66
84	Defective neutrophil recruitment in leukocyte adhesion deficiency type I disease causes local IL-17-driven inflammatory bone loss. <i>Science Translational Medicine</i> , 2014 , 6, 229ra40	17.5	178
83	Developmental endothelial locus-1 attenuates complement-dependent phagocytosis through inhibition of Mac-1-integrin. <i>Thrombosis and Haemostasis</i> , 2014 , 111, 1004-6	7	35
82	A novel pathway of rapid TLR-triggered activation of integrin-dependent leukocyte adhesion that requires Rap1 GTPase. <i>Molecular Biology of the Cell</i> , 2014 , 25, 2948-55	3.5	23
81	Blocking CD40-TRAF6 signaling is a therapeutic target in obesity-associated insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2686-91	11.5	93
80	Regulation of osteoclast homeostasis and inflammatory bone loss by MFG-E8. <i>Journal of Immunology</i> , 2014 , 193, 1383-91	5.3	36
79	Immune cell crosstalk in obesity: a key role for costimulation?. <i>Diabetes</i> , 2014 , 63, 3982-91	0.9	83
78	Dual role of B7 costimulation in obesity-related nonalcoholic steatohepatitis and metabolic dysregulation. <i>Hepatology</i> , 2014 , 60, 1196-210	11.2	44
77	The role of innate immune cells in obese adipose tissue inflammation and development of insulin resistance. <i>Thrombosis and Haemostasis</i> , 2013 , 109, 399-406	7	65
76	Characterization of the LPS-induced inflammation of the adrenal gland in mice. <i>Molecular and Cellular Endocrinology</i> , 2013 , 371, 228-35	4.4	26
75	The role of the complement system in metabolic organs and metabolic diseases. <i>Seminars in Immunology</i> , 2013 , 25, 47-53	10.7	91
74	Role of the endothelial-derived endogenous anti-inflammatory factor Del-1 in inflammation-mediated adrenal gland dysfunction. <i>Endocrinology</i> , 2013 , 154, 1181-9	4.8	34
73	Endogenous modulators of inflammatory cell recruitment. <i>Trends in Immunology</i> , 2013 , 34, 1-6	14.4	83
72	Hypothalamo-pituitary and immune-dependent adrenal regulation during systemic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 14801-6	11.5	57
71	The complement anaphylatoxin C5a receptor contributes to obese adipose tissue inflammation and insulin resistance. <i>Journal of Immunology</i> , 2013 , 191, 4367-74	5.3	66
70	Expression and function of the homeostatic molecule Del-1 in endothelial cells and the periodontal tissue. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 617809		26

69	Leucocyte recruitment in inflammation and novel endogenous negative regulators thereof. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 686-91	4.6	32
68	Lymphocytes in obesity-related adipose tissue inflammation. <i>Diabetologia</i> , 2012 , 55, 2583-2592	10.3	100
67	Developmental endothelial locus-1 (Del-1) mediates clearance of platelet microparticles by the endothelium. <i>Circulation</i> , 2012 , 125, 1664-72	16.7	123
66	The leukocyte integrin antagonist Del-1 inhibits IL-17-mediated inflammatory bone loss. <i>Nature Immunology</i> , 2012 , 13, 465-73	19.1	290
65	Platelets contribute to the pathogenesis of experimental autoimmune encephalomyelitis. <i>Circulation Research</i> , 2012 , 110, 1202-10	15.7	138
64	Improvement of islet function in a bioartificial pancreas by enhanced oxygen supply and growth hormone releasing hormone agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5022-7	11.5	145
63	The junctional adhesion molecule JAM-C regulates polarized transendothelial migration of neutrophils in vivo. <i>Nature Immunology</i> , 2011 , 12, 761-9	19.1	404
62	Endothelial dysfunction: a critical determinant in inflammation-associated adrenal insufficiency?. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 917-9	4.6	5
61	Pericyte-derived MFG-E8 regulates pathologic angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2024-34	9.4	57
60	A novel function of junctional adhesion molecule-C in mediating melanoma cell metastasis. <i>Cancer Research</i> , 2011 , 71, 4096-105	10.1	53
59	Gene from a psoriasis susceptibility locus primes the skin for inflammation. <i>Science Translational Medicine</i> , 2010 , 2, 61ra90	17.5	48
58	Platelet-derived growth factor-DD targeting arrests pathological angiogenesis by modulating glycogen synthase kinase-3beta phosphorylation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 15500-15510	5.4	25
57	Aldehyde dehydrogenase 7A1 (ALDH7A1) is a novel enzyme involved in cellular defense against hyperosmotic stress. <i>Journal of Biological Chemistry</i> , 2010 , 285, 18452-63	5.4	140
56	Complement-mediated inhibition of neovascularization reveals a point of convergence between innate immunity and angiogenesis. <i>Blood</i> , 2010 , 116, 4395-403	2.2	135
55	Novel aspects in the regulation of the leukocyte adhesion cascade. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 191-7	7	69
54	Mechanisms of neutrophil transendothelial migration. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 1596-605	6.85	53
53	The immunomodulatory action of sialostatin L on dendritic cells reveals its potential to interfere with autoimmunity. <i>Journal of Immunology</i> , 2009 , 182, 7422-9	5.3	76
52	Leukocyte-endothelial interactions in inflammation. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1211-20	5.6	223

51	Histone H2AX is integral to hypoxia-driven neovascularization. <i>Nature Medicine</i> , 2009 , 15, 553-8	50.5	105
50	Chemotactic activity of S100A7 (Psoriasin) is mediated by the receptor for advanced glycation end products and potentiates inflammation with highly homologous but functionally distinct S100A15. <i>Journal of Immunology</i> , 2008 , 181, 1499-506	5.3	139
49	Del-1, an endogenous leukocyte-endothelial adhesion inhibitor, limits inflammatory cell recruitment. <i>Science</i> , 2008 , 322, 1101-4	33.3	218
48	Regulation of LFA-1-dependent inflammatory cell recruitment by Cbl-b and 14-3-3 proteins. <i>Blood</i> , 2008 , 111, 3607-14	2.2	46
47	Regulation of vascular endothelial permeability by junctional adhesion molecules (JAM). <i>Thrombosis and Haemostasis</i> , 2007 , 98, 327-332	7	28
46	Activated protein C protects against diabetic nephropathy by inhibiting endothelial and podocyte apoptosis. <i>Nature Medicine</i> , 2007 , 13, 1349-58	50.5	314
45	A novel pathway of HMGB1-mediated inflammatory cell recruitment that requires Mac-1-integrin. <i>EMBO Journal</i> , 2007 , 26, 1129-39	13	293
44	The neutrophil-specific antigen CD177 is a counter-receptor for platelet endothelial cell adhesion molecule-1 (CD31). <i>Journal of Biological Chemistry</i> , 2007 , 282, 23603-12	5.4	157
43	High-mobility group box 1 activates integrin-dependent homing of endothelial progenitor cells. <i>Circulation Research</i> , 2007 , 100, 204-12	15.7	261
42	Vascular endothelial growth factor (VEGF)-induced up-regulation of CCN1 in osteoblasts mediates proangiogenic activities in endothelial cells and promotes fracture healing. <i>Journal of Biological Chemistry</i> , 2007 , 282, 26746-26753	5.4	67
41	The anti-inflammatory activities of <i>Staphylococcus aureus</i> . <i>Trends in Immunology</i> , 2007 , 28, 408-18	14.4	66
40	Junctional Adhesion Molecule (JAM)-C Regulates Endothelial Permeability by Modulating VE-Cadherin-Mediated Interendothelial Contacts. <i>FASEB Journal</i> , 2007 , 21, A187	0.9	
39	Histone H2AX functions in hypoxia-driven neovascularisation. <i>FASEB Journal</i> , 2007 , 21, A14	0.9	
38	A novel pathway of HMGB1-mediated inflammatory cell recruitment that requires Mac-1-integrin. <i>FASEB Journal</i> , 2007 , 21, A126	0.9	
37	Regulation of LFA-1-integrin-mediated leukocyte recruitment by Cbl-b and 14-3-3 proteins. <i>FASEB Journal</i> , 2007 , 21, A126	0.9	1
36	Extracellular matrix metalloproteinase inducer regulates matrix metalloproteinase activity in cardiovascular cells: implications in acute myocardial infarction. <i>Circulation</i> , 2006 , 113, 834-41	16.7	133
35	The role of junctional adhesion molecules in interactions between vascular cells. <i>Methods in Molecular Biology</i> , 2006 , 341, 37-50	1.4	4
34	Suppression of experimental autoimmune encephalomyelitis by extracellular adherence protein of <i>Staphylococcus aureus</i> . <i>Journal of Experimental Medicine</i> , 2006 , 203, 985-94	16.6	38

33	Junctional adhesion molecule-C regulates vascular endothelial permeability by modulating VE-cadherin-mediated cell-cell contacts. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2703-14	16.6	140
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