

# Triantafyllos Chavakis

## List of Publications by Citations

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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	Understanding RAGE, the receptor for advanced glycation end products. <i>Journal of Molecular Medicine</i> , <b>2005</b> , 83, 876-86	5.5	914
193	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 375-388	38.5	587
192	The pattern recognition receptor (RAGE) is a counterreceptor for leukocyte integrins: a novel pathway for inflammatory cell recruitment. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 1507-15	16.6	486
191	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , <b>2018</b> , 172, 147-161.e12	56.2	417
190	The junctional adhesion molecule JAM-C regulates polarized transendothelial migration of neutrophils in vivo. <i>Nature Immunology</i> , <b>2011</b> , 12, 761-9	19.1	404
189	The junctional adhesion molecule 3 (JAM-3) on human platelets is a counterreceptor for the leukocyte integrin Mac-1. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 196, 679-91	16.6	349
188	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , <b>2018</b> , 172, 135-146.e9	56.2	314
187	Activated protein C protects against diabetic nephropathy by inhibiting endothelial and podocyte apoptosis. <i>Nature Medicine</i> , <b>2007</b> , 13, 1349-58	50.5	314
186	A novel pathway of HMGB1-mediated inflammatory cell recruitment that requires Mac-1-integrin. <i>EMBO Journal</i> , <b>2007</b> , 26, 1129-39	13	293
185	The leukocyte integrin antagonist Del-1 inhibits IL-17-mediated inflammatory bone loss. <i>Nature Immunology</i> , <b>2012</b> , 13, 465-73	19.1	290
184	Role of beta2-integrins for homing and neovascularization capacity of endothelial progenitor cells. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 63-72	16.6	267
183	High-mobility group box 1 activates integrin-dependent homing of endothelial progenitor cells. <i>Circulation Research</i> , <b>2007</b> , 100, 204-12	15.7	261
182	Leukocyte-endothelial interactions in inflammation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 1211-20	5.6	223
181	Del-1, an endogenous leukocyte-endothelial adhesion inhibitor, limits inflammatory cell recruitment. <i>Science</i> , <b>2008</b> , 322, 1101-4	33.3	218
180	RAGE (receptor for advanced glycation end products): a central player in the inflammatory response. <i>Microbes and Infection</i> , <b>2004</b> , 6, 1219-25	9.3	213
179	Staphylococcus aureus extracellular adherence protein serves as anti-inflammatory factor by inhibiting the recruitment of host leukocytes. <i>Nature Medicine</i> , <b>2002</b> , 8, 687-93	50.5	190
178	Interleukin-3 amplifies acute inflammation and is a potential therapeutic target in sepsis. <i>Science</i> , <b>2015</b> , 347, 1260-5	33.3	183

177	Defective neutrophil recruitment in leukocyte adhesion deficiency type I disease causes local IL-17-driven inflammatory bone loss. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 229ra40	17.5	178
176	Leukocyte integrins: role in leukocyte recruitment and as therapeutic targets in inflammatory disease. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 147, 123-135	13.9	158
175	The neutrophil-specific antigen CD177 is a counter-receptor for platelet endothelial cell adhesion molecule-1 (CD31). <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 23603-12	5.4	157
174	Leukotriene B4-Neutrophil Elastase Axis Drives Neutrophil Reverse Transendothelial Cell Migration In Vivo. <i>Immunity</i> , <b>2015</b> , 42, 1075-86	32.3	150
173	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> , <b>2012</b> , 109, 5022-7	11.5	145
172	The junctional adhesion molecule-C promotes neutrophil transendothelial migration in vitro and in vivo. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 55602-8	5.4	144
171	Aldehyde dehydrogenase 7A1 (ALDH7A1) is a novel enzyme involved in cellular defense against hyperosmotic stress. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 18452-63	5.4	140
170	Junctional adhesion molecule-C regulates vascular endothelial permeability by modulating VE-cadherin-mediated cell-cell contacts. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 2703-14	16.6	140
169	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> , <b>2008</b> , 181, 1499-506	5.3	139
168	Platelets contribute to the pathogenesis of experimental autoimmune encephalomyelitis. <i>Circulation Research</i> , <b>2012</b> , 110, 1202-10	15.7	138
167	Complement-mediated inhibition of neovascularization reveals a point of convergence between innate immunity and angiogenesis. <i>Blood</i> , <b>2010</b> , 116, 4395-403	2.2	135
166	Extracellular matrix metalloproteinase inducer regulates matrix metalloproteinase activity in cardiovascular cells: implications in acute myocardial infarction. <i>Circulation</i> , <b>2006</b> , 113, 834-41	16.7	133
165	Aspergillus Cell Wall Melanin Blocks LC3-Associated Phagocytosis to Promote Pathogenicity. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 79-90	23.4	127
164	The Cellular and Molecular Basis of Translational Immunometabolism. <i>Immunity</i> , <b>2015</b> , 43, 421-34	32.3	123
163	Developmental endothelial locus-1 (Del-1) mediates clearance of platelet microparticles by the endothelium. <i>Circulation</i> , <b>2012</b> , 125, 1664-72	16.7	123
162	Local and systemic mechanisms linking periodontal disease and inflammatory comorbidities. <i>Nature Reviews Immunology</i> , <b>2021</b> , 21, 426-440	36.5	117
161	Staphylococcus aureus interactions with the endothelium: the role of bacterial "secretable expanded repertoire adhesive molecules" (SERAM) in disturbing host defense systems. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 94, 278-85	7	116
160	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , <b>2015</b> , 6, 6725	17.4	113

159	Regulation of neovascularization by human neutrophil peptides (alpha-defensins): a link between inflammation and angiogenesis. <i>FASEB Journal</i> , <b>2004</b> , 18, 1306-8	0.9	112
158	Histone H2AX is integral to hypoxia-driven neovascularization. <i>Nature Medicine</i> , <b>2009</b> , 15, 553-8	50.5	105
157	A self-sustained loop of inflammation-driven inhibition of beige adipogenesis in obesity. <i>Nature Immunology</i> , <b>2017</b> , 18, 654-664	19.1	104
156	Extracellular MRP8/14 is a regulator of $\alpha$ integrin-dependent neutrophil slow rolling and adhesion. <i>Nature Communications</i> , <b>2015</b> , 6, 6915	17.4	104
155	Human Thy-1 (CD90) on activated endothelial cells is a counterreceptor for the leukocyte integrin Mac-1 (CD11b/CD18). <i>Journal of Immunology</i> , <b>2004</b> , 172, 3850-9	5.3	103
154	Lymphocytes in obesity-related adipose tissue inflammation. <i>Diabetologia</i> , <b>2012</b> , 55, 2583-2592	10.3	100
153	Defective podocyte insulin signalling through p85-XBP1 promotes ATF6-dependent maladaptive ER-stress response in diabetic nephropathy. <i>Nature Communications</i> , <b>2015</b> , 6, 6496	17.4	98
152	Lipoprotein(a) in atherosclerotic plaques recruits inflammatory cells through interaction with Mac-1 integrin. <i>FASEB Journal</i> , <b>2006</b> , 20, 559-61	0.9	95
151	Hematopoietic progenitor cells as integrative hubs for adaptation to and fine-tuning of inflammation. <i>Nature Immunology</i> , <b>2019</b> , 20, 802-811	19.1	93
150	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> , <b>2014</b> , 111, 2686-91	11.5	93
149	DEL-1 promotes macrophage efferocytosis and clearance of inflammation. <i>Nature Immunology</i> , <b>2019</b> , 20, 40-49	19.1	93
148	The role of the complement system in metabolic organs and metabolic diseases. <i>Seminars in Immunology</i> , <b>2013</b> , 25, 47-53	10.7	91
147	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , <b>2020</b> , 183, 771-785.e12	56.2	86
146	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , <b>2021</b> , 22, 2-6	19.1	85
145	Endogenous modulators of inflammatory cell recruitment. <i>Trends in Immunology</i> , <b>2013</b> , 34, 1-6	14.4	83
144	Immune cell crosstalk in obesity: a key role for costimulation?. <i>Diabetes</i> , <b>2014</b> , 63, 3982-91	0.9	83
143	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> , <b>2016</b> , 17, 29-39	10.5	80
142	Antagonistic effects of IL-17 and D-resolvins on endothelial Del-1 expression through a GSK-3 $\beta$ /EBP $\alpha$ pathway. <i>Nature Communications</i> , <b>2015</b> , 6, 8272	17.4	77

141	The immunomodulatory action of sialostatin L on dendritic cells reveals its potential to interfere with autoimmunity. <i>Journal of Immunology</i> , <b>2009</b> , 182, 7422-9	5.3	76
140	The extracellular adherence protein (Eap) of <i>Staphylococcus aureus</i> inhibits wound healing by interfering with host defense and repair mechanisms. <i>Blood</i> , <b>2006</b> , 107, 2720-7	2.2	76
139	Asp299Gly and Thr399Ile genotypes of the TLR4 gene are associated with a reduced prevalence of diabetic neuropathy in patients with type 2 diabetes. <i>Diabetes Care</i> , <b>2004</b> , 27, 179-83	14.6	76
138	The role of junctional adhesion molecule-C (JAM-C) in oxidized LDL-mediated leukocyte recruitment. <i>FASEB Journal</i> , <b>2005</b> , 19, 2078-80	0.9	75
137	The Coagulation Factors Fibrinogen, Thrombin, and Factor XII in Inflammatory Disorders-A Systematic Review. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1731	8.4	73
136	Neurosteroids as regulators of neuroinflammation. <i>Frontiers in Neuroendocrinology</i> , <b>2019</b> , 55, 100788	8.9	72
135	Novel aspects in the regulation of the leukocyte adhesion cascade. <i>Thrombosis and Haemostasis</i> , <b>2009</b> , 102, 191-7	7	69
134	Epithelial calcineurin controls microbiota-dependent intestinal tumor development. <i>Nature Medicine</i> , <b>2016</b> , 22, 506-15	50.5	68
133	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> , <b>2007</b> , 282, 26746-26753	5.4	67
132	Neutrophil homeostasis and inflammation: novel paradigms from studying periodontitis. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 98, 539-48	6.5	66
131	The complement anaphylatoxin C5a receptor contributes to obese adipose tissue inflammation and insulin resistance. <i>Journal of Immunology</i> , <b>2013</b> , 191, 4367-74	5.3	66
130	The anti-inflammatory activities of <i>Staphylococcus aureus</i> . <i>Trends in Immunology</i> , <b>2007</b> , 28, 408-18	14.4	66
129	Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 2789-2804	15.9	66
128	The role of innate immune cells in obese adipose tissue inflammation and development of insulin resistance. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 109, 399-406	7	65
127	Immune and regulatory functions of neutrophils in inflammatory bone loss. <i>Seminars in Immunology</i> , <b>2016</b> , 28, 146-58	10.7	64
126	Angiostatin is a novel anti-inflammatory factor by inhibiting leukocyte recruitment. <i>Blood</i> , <b>2005</b> , 105, 1036-43	2.2	64
125	From leukocyte recruitment to resolution of inflammation: the cardinal role of integrins. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 102, 677-683	6.5	63
124	The homophilic binding of junctional adhesion molecule-C mediates tumor cell-endothelial cell interactions. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 36326-33	5.4	61

123	Immunometabolic Crosstalk: An Ancestral Principle of Trained Immunity?. <i>Trends in Immunology</i> , <b>2019</b> , 40, 1-11	14.4	61
122	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> , <b>2013</b> , 110, 14801-6	11.5	57
121	Pericyte-derived MFG-E8 regulates pathologic angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2024-34	9.4	57
120	DEL-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in nonhuman primates. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 307ra155	17.5	56
119	Urokinase receptor surface expression regulates monocyte adhesion in acute myocardial infarction. <i>Blood</i> , <b>2002</b> , 100, 3611-7	2.2	56
118	Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3624-3639	15.9	55
117	Phagocytosis of Apoptotic Cells in Resolution of Inflammation. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 553	8.4	54
116	Current understanding of periodontal disease pathogenesis and targets for host-modulation therapy. <i>Periodontology 2000</i> , <b>2020</b> , 84, 14-34	12.9	54
115	Mechanisms of neutrophil transendothelial migration. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 1596-605	6.85	53
114	A novel function of junctional adhesion molecule-C in mediating melanoma cell metastasis. <i>Cancer Research</i> , <b>2011</b> , 71, 4096-105	10.1	53
113	Regulation of leukocyte recruitment by polypeptides derived from high molecular weight kininogen. <i>FASEB Journal</i> , <b>2001</b> , 15, 2365-76	0.9	52
112	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , <b>2020</b> , 33, 108387	10.6	50
111	Developmental endothelial locus-1 is a homeostatic factor in the central nervous system limiting neuroinflammation and demyelination. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 880-888	15.1	48
110	IL-1 Family Cytokine Pathways Underlying NAFLD: Towards New Treatment Strategies. <i>Trends in Molecular Medicine</i> , <b>2018</b> , 24, 458-471	11.5	48
109	Gene from a psoriasis susceptibility locus primes the skin for inflammation. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 61ra90	17.5	48
108	Molecular interactions and functional interference between vitronectin and transforming growth factor-beta. <i>Laboratory Investigation</i> , <b>2002</b> , 82, 37-46	5.9	48
107	High molecular weight kininogen regulates platelet-leukocyte interactions by bridging Mac-1 and glycoprotein Ib. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 45375-81	5.4	47
106	Regulation of LFA-1-dependent inflammatory cell recruitment by Cbl-b and 14-3-3 proteins. <i>Blood</i> , <b>2008</b> , 111, 3607-14	2.2	46

105	An intrinsic role of IL-33 in T cell-mediated tumor immunoevasion. <i>Nature Immunology</i> , <b>2020</b> , 21, 75-85	19.1	46
104	Adipocyte-Specific Hypoxia-Inducible Factor 2 Deficiency Exacerbates Obesity-Induced Brown Adipose Tissue Dysfunction and Metabolic Dysregulation. <i>Molecular and Cellular Biology</i> , <b>2016</b> , 36, 376-93	4.8	45
103	Dual role of B7 costimulation in obesity-related nonalcoholic steatohepatitis and metabolic dysregulation. <i>Hepatology</i> , <b>2014</b> , 60, 1196-210	11.2	44
102	Binding of Escherichia coli hemolysin and activation of the target cells is not receptor-dependent. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 36657-63	5.4	44
101	Myelopoiesis in the Context of Innate Immunity. <i>Journal of Innate Immunity</i> , <b>2018</b> , 10, 365-372	6.9	40
100	Noncanonical inhibition of caspase-3 by a nuclear microRNA confers endothelial protection by autophagy in atherosclerosis. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	39
99	Innate immune cells in the adipose tissue. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2018</b> , 19, 283-292	20.5	39
98	Suppression of experimental autoimmune encephalomyelitis by extracellular adherence protein of Staphylococcus aureus. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 985-94	16.6	38
97	Regulation of osteoclast homeostasis and inflammatory bone loss by MFG-E8. <i>Journal of Immunology</i> , <b>2014</b> , 193, 1383-91	5.3	36
96	Developmental endothelial locus-1 attenuates complement-dependent phagocytosis through inhibition of Mac-1-integrin. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 111, 1004-6	7	35
95	Role of the endothelial-derived endogenous anti-inflammatory factor Del-1 in inflammation-mediated adrenal gland dysfunction. <i>Endocrinology</i> , <b>2013</b> , 154, 1181-9	4.8	34
94	The human longevity gene homolog INDY and interleukin-6 interact in hepatic lipid metabolism. <i>Hepatology</i> , <b>2017</b> , 66, 616-630	11.2	33
93	Leucocyte recruitment in inflammation and novel endogenous negative regulators thereof. <i>European Journal of Clinical Investigation</i> , <b>2012</b> , 42, 686-91	4.6	32
92	Developmental endothelial locus-1 modulates platelet-monocyte interactions and instant blood-mediated inflammatory reaction in islet transplantation. <i>Thrombosis and Haemostasis</i> , <b>2016</b> , 115, 781-8	7	29
91	Regulation of vascular endothelial permeability by junctional adhesion molecules (JAM). <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 98, 327-332	7	28
90	Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. <i>Cell Metabolism</i> , <b>2020</b> , 32, 591-604.e7	24.6	28
89	Nerve Growth Factor modulates LPS - induced microglial glycolysis and inflammatory responses. <i>Experimental Cell Research</i> , <b>2019</b> , 377, 10-16	4.2	28
88	Regulation of the Bone Marrow Niche by Inflammation. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1540	8.4	27



87	No Role for Mast Cells in Obesity-Related Metabolic Dysregulation. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 524	8.4	27
86	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> , <b>2016</b> , 31, 596-605	6.3	27
85	Characterization of the LPS-induced inflammation of the adrenal gland in mice. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 371, 228-35	4.4	26
84	Expression and function of the homeostatic molecule Del-1 in endothelial cells and the periodontal tissue. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 617809		26
83	Hematopoietic stem cells can differentiate into restricted myeloid progenitors before cell division in mice. <i>Nature Communications</i> , <b>2018</b> , 9, 1898	17.4	26
82	DEL-1-Regulated Immune Plasticity and Inflammatory Disorders. <i>Trends in Molecular Medicine</i> , <b>2019</b> , 25, 444-459	11.5	25
81	Platelet-derived growth factor-DD targeting arrests pathological angiogenesis by modulating glycogen synthase kinase-3beta phosphorylation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 15500-15510	5.4	25
80	Inhibition of platelet adhesion and aggregation by a defined region (Gly-486-Lys-502) of high molecular weight kininogen. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 23157-64	5.4	25
79	Multipotent glia-like stem cells mediate stress adaptation. <i>Stem Cells</i> , <b>2015</b> , 33, 2037-51	5.8	24
78	Hypoxia Pathway Proteins in Normal and Malignant Hematopoiesis. <i>Cells</i> , <b>2019</b> , 8,	7.9	24
77	Endothelial-Specific Deficiency of ATG5 (Autophagy Protein 5) Attenuates Ischemia-Related Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 1137-1148	9.4	23
76	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> , <b>2019</b> , 25, 16	6.2	23
75	Immune Cells and Metabolism. <i>Handbook of Experimental Pharmacology</i> , <b>2016</b> , 233, 221-49	3.2	23
74	A novel pathway of rapid TLR-triggered activation of integrin-dependent leukocyte adhesion that requires Rap1 GTPase. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 2948-55	3.5	23
73	Mice Deficient in the IL-1 $\beta$ Activation Genes Prtn3, Elane, and Casp1 Are Protected Against the Development of Obesity-Induced NAFLD. <i>Inflammation</i> , <b>2020</b> , 43, 1054-1064	5.1	21
72	Selective and differential interactions of BNN27, a novel C17-spiroepoxy steroid derivative, with TrkA receptors, regulating neuronal survival and differentiation. <i>Neuropharmacology</i> , <b>2016</b> , 111, 266-282	5.5	21
71	Signal integration at the PI3K-p85-XBP1 hub endows coagulation protease activated protein C with insulin-like function. <i>Blood</i> , <b>2017</b> , 130, 1445-1455	2.2	20
70	Activation of proteinase 3 contributes to Non-alcoholic Fatty Liver Disease (NAFLD) and insulin resistance. <i>Molecular Medicine</i> , <b>2016</b> , 22,	6.2	20



69	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> , <b>2015</b> , 865, 171-88	3.6	19
68	Regulation of tissue infiltration by neutrophils: role of integrin $\beta 1$ and other factors. <i>Current Opinion in Hematology</i> , <b>2016</b> , 23, 36-43	3.3	19
67	Comprehensive and quantitative analysis of white and brown adipose tissue by shotgun lipidomics. <i>Molecular Metabolism</i> , <b>2019</b> , 22, 12-20	8.8	19
66	Nerve growth factor regulates endothelial cell survival and pathological retinal angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 2362-2371	5.6	18
65	CD8+ T cells in beige adipogenesis and energy homeostasis. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	18
64	Macrophage $\alpha$ -Integrins Regulate IL-22 by ILC3s and Protect from Lethal Citrobacter rodentium-Induced Colitis. <i>Cell Reports</i> , <b>2019</b> , 26, 1614-1626.e5	10.6	17
63	New aspects of integrin-mediated leukocyte adhesion in inflammation: regulation by haemostatic factors and bacterial products. <i>Current Molecular Medicine</i> , <b>2003</b> , 3, 387-92	2.5	17
62	Endothelial-specific deficiency of Junctional Adhesion Molecule-C promotes vessel normalisation in proliferative retinopathy. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 1241-9	7	16
61	A novel antithrombotic role for high molecular weight kininogen as inhibitor of plasminogen activator inhibitor-1 function. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 32677-82	5.4	16
60	S100A9 induces monocyte/ macrophage migration via EMMPRIN. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 636-639	7	15
59	The secreted protein DEL-1 activates a $\beta$ integrin-FAK-ERK1/2-RUNX2 pathway and promotes osteogenic differentiation and bone regeneration. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 7261-7273 <sup>5-4</sup>	5.4	15
58	Hematopoietic Stem Cells but Not Multipotent Progenitors Drive Erythropoiesis during Chronic Erythroid Stress in EPO Transgenic Mice. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 1908-1919	8	14
57	Leukocyte trans-endothelial migration: JAMs add new pieces to the puzzle. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 89, 13-7	7	14
56	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> , <b>2015</b> , 76, 107-14	4.7	13
55	Endothelial Cell-Specific Overexpression of Del-1 Drives Expansion of Haematopoietic Progenitor Cells in the Bone Marrow. <i>Thrombosis and Haemostasis</i> , <b>2018</b> , 118,	7	13
54	Angiogenesis in metabolic-vascular disease. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 1289-1295	7	13
53	Endogenous Two-Photon Excited Fluorescence Provides Label-Free Visualization of the Inflammatory Response in the Rodent Spinal Cord. <i>BioMed Research International</i> , <b>2015</b> , 2015, 859084	3	13
52	The role of innate immunity in the regulation of brown and beige adipogenesis. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2016</b> , 17, 41-9	10.5	12

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