

# D Neil Granger

## List of Publications by Year in descending order

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229  
papers

18,030  
citations

10388

72  
h-index

13770

129  
g-index

236  
all docs

236  
docs citations

236  
times ranked

18082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathophysiology of ischaemia-reperfusion injury. <i>Journal of Pathology</i> , 2000, 190, 255-266.	4.5	1,444
2	Reperfusion injury and reactive oxygen species: The evolution of a concept. <i>Redox Biology</i> , 2015, 6, 524-551.	9.0	1,009
3	The microcirculation and inflammation: modulation of leukocyte-endothelial cell adhesion. <i>Journal of Leukocyte Biology</i> , 1994, 55, 662-675.	3.3	725
4	Role of T Lymphocytes and Interferon- $\gamma$ in Ischemic Stroke. <i>Circulation</i> , 2006, 113, 2105-2112.	1.6	629
5	Neutrophil-mediated mucosal injury. <i>Digestive Diseases and Sciences</i> , 1988, 33, 6S-15S.	2.3	404
6	The cellular and molecular basis of gastric mucosal defense. <i>FASEB Journal</i> , 1996, 10, 731-740.	0.5	302
7	THE ROLE OF THE COMPLEMENT SYSTEM IN ISCHEMIA-REPERFUSION INJURY. <i>Shock</i> , 2004, 21, 401-409.	2.1	281
8	Signaling Pathways for Early Brain Injury after Subarachnoid Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 916-925.	4.3	280
9	Heterogeneity of Expression of E- and P-Selectins In Vivo. <i>Circulation Research</i> , 1996, 79, 560-569.	4.5	273
10	[80] Assessment of leukocyte involvement during ischemia and reperfusion of intestine. <i>Methods in Enzymology</i> , 1990, 186, 729-742.	1.0	264
11	Role of reactive oxygen and nitrogen species in the vascular responses to inflammation. <i>Free Radical Biology and Medicine</i> , 2012, 52, 556-592.	2.9	258
12	Reperfusion Injury. <i>Surgical Clinics of North America</i> , 1992, 72, 65-83.	1.5	249
13	Cell adhesion molecules and ischemic stroke. <i>Neurological Research</i> , 2008, 30, 783-793.	1.3	246
14	Leukocyte Recruitment and Ischemic Brain Injury. <i>NeuroMolecular Medicine</i> , 2010, 12, 193-204.	3.4	239
15	Ischemiaâ€Reperfusion: Mechanisms of Microvascular Dysfunction and the Influence of Risk Factors for Cardiovascular Disease. <i>Microcirculation</i> , 1999, 6, 167-178.	1.8	231
16	Gamma secretaseâ€mediated Notch signaling worsens brain damage and functional outcome in ischemic stroke. <i>Nature Medicine</i> , 2006, 12, 621-623.	30.7	229
17	Regulation of Murine Intestinal Inflammation by Reactive Metabolites of Oxygen and Nitrogen. <i>Journal of Experimental Medicine</i> , 2001, 194, 1207-1218.	8.5	228
18	Hypercholesterolemia promotes inflammation and microvascular dysfunction: role of nitric oxide and superoxide <sup>1</sup> . <i>Free Radical Biology and Medicine</i> , 2002, 33, 1026-1036.	2.9	228

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19	Leukocyte-endothelial cell adhesion: avenues for therapeutic intervention. <i>British Journal of Pharmacology</i> , 1999, 126, 537-550.	5.4	226
20	Mechanisms of Reperfusion Injury. <i>American Journal of the Medical Sciences</i> , 1994, 307, 284-292.	1.1	215
21	Blood cells and endothelial barrier function. <i>Tissue Barriers</i> , 2015, 3, e978720.	3.2	212
22	Platelets: a critical link between inflammation and microvascular dysfunction. <i>Journal of Physiology</i> , 2012, 590, 1023-1034.	2.9	191
23	Myocardial ischemia-reperfusion injury is exacerbated in absence of endothelial cell nitric oxide synthase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H1567-H1573.	3.2	183
24	Stroke and T-Cells. <i>NeuroMolecular Medicine</i> , 2005, 7, 229-242.	3.4	161
25	Effects of Fluvastatin on Leukocyte-Endothelial Cell Adhesion in Hypercholesterolemic Rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 1521-1526.	2.4	159
26	Effects of neutrophil-derived oxidants on intestinal permeability, electrolyte transport, and epithelial cell viability. <i>Inflammation</i> , 1990, 14, 531-542.	3.8	157
27	Molecular Mechanisms of Anoxia/Reoxygenation-Induced Neutrophil Adherence to Cultured Endothelial Cells. <i>Circulation Research</i> , 1997, 81, 922-931.	4.5	153
28	Hemorrhagic Shock-induced Bacterial Translocation: The Role of Neutrophils and Hydroxyl Radicals. <i>Journal of Trauma</i> , 1990, 30, 942-952.	2.3	152
29	Gastric Mucosal Injury in the Rat. <i>Gastroenterology</i> , 1987, 92, 950-956.	1.3	147
30	Microvascular Responses to Cardiovascular Risk Factors. <i>Microcirculation</i> , 2010, 17, 192-205.	1.8	146
31	Expression of mucosal addressin cell adhesion molecule-1 (MAdCAM-1) in acute and chronic inflammation. <i>Journal of Leukocyte Biology</i> , 1999, 65, 349-355.	3.3	145
32	Platelet-Leukocyte-Endothelial Cell Interactions after Middle Cerebral Artery Occlusion and Reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 907-915.	4.3	142
33	Collagen-binding integrin $\alpha 1 \beta 1$ regulates intestinal inflammation in experimental colitis. <i>Journal of Clinical Investigation</i> , 2002, 110, 1773-1782.	8.2	139
34	Role of neutrophil-endothelial cell adhesion in inflammatory disorders. <i>Journal of Critical Care</i> , 1994, 9, 47-71.	2.2	138
35	Heme oxygenase modulates selectin expression in different regional vascular beds. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1613-H1617.	3.2	137
36	Apolipoprotein A-IV inhibits experimental colitis. <i>Journal of Clinical Investigation</i> , 2004, 114, 260-269.	8.2	129

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37	Blood Cell-Derived RANTES Mediates Cerebral Microvascular Dysfunction, Inflammation, and Tissue Injury After Focal Ischemia-“Reperfusion. <i>Stroke</i> , 2008, 39, 2560-2570.	2.0	129
38	Role of AT1 receptors and NAD(P)H oxidase in diabetes-aggravated ischemic brain injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H2442-H2451.	3.2	124
39	Inflammatory Responses Underlying the Microvascular Dysfunction Associated with Obesity and Insulin Resistance. <i>Microcirculation</i> , 2007, 14, 375-387.	1.8	124
40	Diabetes Exacerbates Inflammatory Responses to Ischemia-Reperfusion. <i>Circulation</i> , 1996, 93, 161-167.	1.6	123
41	CD40/CD40 Ligand Signaling in Mouse Cerebral Microvasculature After Focal Ischemia/Reperfusion. <i>Circulation</i> , 2005, 111, 1690-1696.	1.6	122
42	Microvascular Responses to Inhibition of Nitric Oxide Production. <i>Circulation Research</i> , 1995, 76, 30-39.	4.5	120
43	Ischemia-reperfusion injury: A radical view. <i>Hepatology</i> , 1988, 8, 680-682.	7.3	118
44	Molecular Determinants of the Prothrombotic and Inflammatory Phenotype Assumed by the Postischemic Cerebral Microcirculation. <i>Stroke</i> , 2003, 34, 1777-1782.	2.0	117
45	Modulation of the Inflammatory Response in Cardiovascular Disease. <i>Hypertension</i> , 2004, 43, 924-931.	2.7	116
46	Inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 1245-1255.	1.9	115
47	NAD(P)H Oxidase-“Derived Superoxide Mediates Hypercholesterolemia-Induced Leukocyte-“Endothelial Cell Adhesion. <i>Circulation Research</i> , 2001, 88, 499-505.	4.5	114
48	Impact of Dextran Sulfate Sodium Load on the Severity of Inflammation in Experimental Colitis. <i>Digestive Diseases and Sciences</i> , 2004, 49, 556-564.	2.3	113
49	Oxidative stress promotes blood cell-endothelial cell interactions in the microcirculation. <i>Cardiovascular Toxicology</i> , 2002, 2, 165-180.	2.7	111
50	Hypoxia/Reoxygenation increases the permeability of endothelial cell monolayers: Role of oxygen radicals. <i>Free Radical Biology and Medicine</i> , 1990, 9, 219-223.	2.9	110
51	Leukocyte -“ endothelial cell adhesion induced by ischemia and reperfusion. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993, 71, 67-75.	1.4	109
52	Formyl-Peptide Receptor 2/3/Lipoxin A <sub>4</sub> Receptor Regulates Neutrophil-Platelet Aggregation and Attenuates Cerebral Inflammation. <i>Circulation</i> , 2016, 133, 2169-2179.	1.6	109
53	Inflammatory responses to ischemia and reperfusion in the cerebral microcirculation. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 1339.	3.0	108
54	Activation of the annexin 1 counter-“regulatory circuit affords protection in the mouse brain microcirculation. <i>FASEB Journal</i> , 2007, 21, 1751-1758.	0.5	107

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55	Cerebral Microvascular Responses to Hypercholesterolemia. <i>Circulation Research</i> , 2004, 94, 239-244.	4.5	103
56	Contributions of LFA-1 and Mac-1 to brain injury and microvascular dysfunction induced by transient middle cerebral artery occlusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2555-H2560.	3.2	101
57	Inflammatory and Injury Responses to Ischemic Stroke in Obese Mice. <i>Stroke</i> , 2008, 39, 943-950.	2.0	101
58	Mechanisms of Gastrointestinal Ischemia/Reperfusion Injury and Potential Therapeutic Interventions: A Review and Its Implications in the Horse. <i>Journal of Veterinary Internal Medicine</i> , 1995, 9, 115-132.	1.6	98
59	Inflammation and the Microcirculation. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , 2010, 2, 1-87.	0.3	92
60	The Chemotactic Peptide N-Formyl Methionyl-Loucyl-Phenylalanine Increases Mucosal Permeability in the Distal Ileum of the Rat. <i>Gastroenterology</i> , 1988, 95, 651-656.	1.3	91
61	Platelets modulate ischemia/reperfusion-induced leukocyte recruitment in the mesenteric circulation. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G1432-G1439.	3.4	88
62	Morphologic assessment of leukocyte-endothelial cell interactions in mesenteric venules subjected to ischemia and reperfusion. <i>Inflammation</i> , 1991, 15, 331-346.	3.8	87
63	Apolipoprotein A-IV inhibits experimental colitis. <i>Journal of Clinical Investigation</i> , 2004, 114, 260-269.	8.2	84
64	Obesity Exacerbates Sepsis-Induced Inflammation and Microvascular Dysfunction in Mouse Brain. <i>Microcirculation</i> , 2005, 12, 183-194.	1.8	83
65	Evidence Implicating Xanthine Oxidase and Neutrophils in Reperfusion-Induced Microvascular Dysfunction a. <i>Annals of the New York Academy of Sciences</i> , 1994, 723, 158-179.	3.8	82
66	Low venular shear rates promote leukocyte-dependent recruitment of adherent platelets. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, G123-G129.	3.4	82
67	Leukocyte-Endothelial Cell Adhesive Interactions: Role of Xanthine Oxidase-Derived Oxidants. <i>Journal of Leukocyte Biology</i> , 1991, 50, 488-494.	3.3	81
68	Hypercholesterolemia Promotes P-Selectin-Dependent Platelet-Endothelial Cell Adhesion in Postcapillary Venules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 675-680.	2.4	81
69	Role of blood cells in ischaemia-reperfusion induced endothelial barrier failure. <i>Cardiovascular Research</i> , 2010, 87, 291-299.	3.8	78
70	Leukocyte and endothelial cell adhesion molecules in a chronic murine model of myocardial reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H2196-H2201.	3.2	77
71	Platelet-Vessel Wall Interactions in the Microcirculation. <i>Microcirculation</i> , 2005, 12, 275-285.	1.8	77
72	Colchicine and methotrexate reduce leukocyte adherence and emigration in rat mesenteric venules. <i>Inflammation</i> , 1992, 16, 45-56.	3.8	75

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73	Angiotensin II-Mediated Microvascular Thrombosis. <i>Hypertension</i> , 2010, 56, 1089-1095.	2.7	75
74	Apigenin Inhibits Tumor Necrosis Factor-Induced Intercellular Adhesion Molecule-1 Upregulation In Vivo. <i>Microcirculation</i> , 1996, 3, 279-286.	1.8	73
75	Role of superoxide in hemorrhagic shock-induced P-selectin expression. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H791-H797.	3.2	73
76	Superoxide mediates endotoxin-induced platelet-endothelial cell adhesion in intestinal venules. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H535-H541.	3.2	72
77	Myocardial ischemia-reperfusion injury in CD18- and ICAM-1-deficient mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H2300-H2307.	3.2	70
78	T-Lymphocytes Modulate the Microvascular and Inflammatory Responses to Intestinal Ischemia-Reperfusion. <i>Microcirculation</i> , 2002, 9, 99-109.	1.8	69
79	Quantitative Measurement of P- and E-Selectin Adhesion Molecules in Acute Pancreatitis. <i>Annals of Surgery</i> , 2000, 231, 213-222.	4.2	68
80	Roles of Inflammation and the Activated Protein C Pathway in the Brain Edema Associated With Cerebral Venous Sinus Thrombosis. <i>Stroke</i> , 2010, 41, 147-152.	2.0	67
81	Inflammation-Induced Intestinal Hyperemia in the Rat: Role of Neutrophils. <i>Gastroenterology</i> , 1988, 95, 1528-1534.	1.3	66
82	Inhibition of CD147 (Cluster of Differentiation 147) Ameliorates Acute Ischemic Stroke in Mice by Reducing Thromboinflammation. <i>Stroke</i> , 2017, 48, 3356-3365.	2.0	65
83	CD40-CD40 Ligand Mediates the Recruitment of Leukocytes and Platelets in the Inflamed Murine Colon. <i>Gastroenterology</i> , 2007, 132, 955-965.	1.3	64
84	Mechanisms Underlying the Cerebral Microvascular Responses to Angiotensin II-Induced Hypertension. <i>Microcirculation</i> , 2010, 17, 641-649.	1.8	64
85	Reactive oxygen metabolites, neutrophils, and the pathogenesis of ischemic-tissue/reperfusion. <i>Clinical Cardiology</i> , 1993, 16, 19-26.	1.8	63
86	Colonic blood flow responses in experimental colitis: time course and underlying mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G1024-G1029.	3.4	63
87	Nitric oxide modulates endotoxin-induced platelet-endothelial cell adhesion in intestinal venules. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H1111-H1117.	3.2	62
88	Endothelial cell P-selectin mediates a proinflammatory and prothrombotic phenotype in cerebral venules of sickle cell transgenic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1608-H1614.	3.2	61
89	Mechanisms of platelet and leukocyte recruitment in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G1054-G1060.	3.4	60
90	The Gastrointestinal Circulation: Physiology and Pathophysiology. , 2015, 5, 1541-1583.		60

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91	Immunotargeting of catalase to ACE or ICAM-1 protects perfused rat lungs against oxidative stress. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 275, L806-L817.	2.9	56
92	Endothelial Expression of Vascular Cell Adhesion Molecule-1 Correlates with Metastatic Pattern in Spontaneous Melanoma. <i>Microcirculation</i> , 2001, 8, 335-345.	1.8	56
93	The Evolving Paradigm for Blood Cell-Endothelial Cell Interactions in the Cerebral Microcirculation. <i>Microcirculation</i> , 2007, 14, 667-681.	1.8	55
94	Reperfusion injury is not affected by blockade of P-selectin in the diabetic mouse heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H763-H769.	3.2	54
95	Role of adhesion molecules in vascular regulation and damage. <i>Current Hypertension Reports</i> , 2000, 2, 78-83.	3.5	54
96	Regulation of Endothelial Cell Adhesion Molecule Expression in an Experimental Model of Cerebral Malaria. <i>Microcirculation</i> , 2002, 9, 463-470.	1.8	54
97	Simvastatin Attenuates Stroke-induced Splenic Atrophy and Lung Susceptibility to Spontaneous Bacterial Infection in Mice. <i>Stroke</i> , 2013, 44, 1135-1143.	2.0	54
98	Hypercoagulability and Platelet Abnormalities in Inflammatory Bowel Disease. <i>Seminars in Thrombosis and Hemostasis</i> , 2015, 41, 582-589.	2.7	54
99	Platelet Recruitment in the Murine Hepatic Microvasculature During Experimental Sepsis: Role of Neutrophils. <i>Microcirculation</i> , 2006, 13, 89-97.	1.8	52
100	Role of Blood- and Tissue-Associated Inducible Nitric-Oxide Synthase in Colonic Inflammation. <i>American Journal of Pathology</i> , 2007, 170, 490-496.	3.8	51
101	T-lymphocytes Contribute to Hepatic Leukostasis and Hypoxic Stress Induced by Gut Ischemia-Reperfusion. <i>Microcirculation</i> , 1999, 6, 267-280.	1.8	50
102	Novel Role of T Cells and IL-6 (Interleukin-6) in Angiotensin II-Induced Microvascular Dysfunction. <i>Hypertension</i> , 2019, 73, 829-838.	2.7	49
103	Endothelial cell monolayers as a tool for studying microvascular pathophysiology. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, G1189-G1199.	3.4	48
104	Angiotensin II type 1 receptor signaling contributes to platelet-leukocyte-endothelial cell interactions in the cerebral microvasculature. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2306-H2315.	3.2	48
105	CD40/CD40L contributes to hypercholesterolemia-induced microvascular inflammation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H689-H697.	3.2	48
106	Reperfusion therapy: What's with the obstructed, leaky and broken capillaries?. <i>Pathophysiology</i> , 2017, 24, 213-228.	2.2	48
107	Platelet-associated NAD(P)H oxidase contributes to the thrombogenic phenotype induced by hypercholesterolemia. <i>Free Radical Biology and Medicine</i> , 2007, 43, 22-30.	2.9	47
108	Selectin-Mediated Recruitment of Bone Marrow Stromal Cells in the Postischemic Cerebral Microvasculature. <i>Stroke</i> , 2011, 42, 806-811.	2.0	47

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109	Transgenic Mice With Increased Copper/Zinc-Superoxide Dismutase Activity Are Resistant to Hepatic Leukostasis and Capillary No-Reflow After Gut Ischemia/Reperfusion. <i>Circulation Research</i> , 1998, 83, 691-696.	4.5	46
110	Coronary endothelial P-selectin in pathogenesis of myocardial ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H1865-H1872.	3.2	46
111	Role of tumor necrosis factor- $\alpha$ in the extraintestinal thrombosis associated with colonic inflammation. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2217-2223.	1.9	46
112	Ischemia-Reperfusion: Mechanisms of Microvascular Dysfunction and the Influence of Risk Factors for Cardiovascular Disease. <i>Microcirculation</i> , 1999, 6, 167-178.	1.8	44
113	Low-Density Lipoprotein Receptor Knockout Mice Exhibit Exaggerated Microvascular Responses to Inflammatory Stimuli. <i>Circulation Research</i> , 1997, 81, 274-281.	4.5	44
114	Regulation of E-selectin expression in postischemic intestinal microvasculature. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, G878-G885.	3.4	43
115	Hypertonic Saline and the Cerebral Microcirculation in Obese Septic Mice. <i>Microcirculation</i> , 2007, 14, 223-231.	1.8	43
116	T-lymphocytes modulate the microvascular and inflammatory responses to intestinal ischemia-reperfusion. <i>Microcirculation</i> , 2002, 9, 99-109.	1.8	42
117	Modulation of P-selectin expression in the postischemic intestinal microvasculature. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, G1326-G1332.	3.4	41
118	Role of endotoxin in the expression of endothelial selectins after cecal ligation and perforation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 278, R1140-R1147.	1.8	41
119	Hypercholesterolemia Enhances Oxidant Production in Mesenteric Venules Exposed to Ischemia/Reperfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1583-1588.	2.4	39
120	Role of Interferon- $\beta$ in Hypercholesterolemia-Induced Leukocyte-Endothelial Cell Adhesion. <i>Circulation</i> , 2003, 107, 2140-2145.	1.6	39
121	Soluble selectins and ICAM-1 modulate neutrophil-endothelial adhesion and diapedesis in vitro. <i>Inflammation</i> , 1997, 21, 313-324.	3.8	38
122	Enteric microflora contribute to constitutive ICAM-1 expression on vascular endothelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G186-G191.	3.4	38
123	Molecular determinants of the prothrombotic phenotype assumed by inflamed colonic venules. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G920-G926.	3.4	37
124	BOTH ISCHEMIC AND PHARMACOLOGICAL PRECONDITIONING DECREASE HEPATIC LEUKOCYTE/ENDOTHELIAL CELL INTERACTIONS 1. <i>Transplantation</i> , 2000, 69, 300.	1.0	37
125	Differential Expression of Platelet-Endothelial Cell Adhesion Molecule-1 (PECAM-1) in Murine Tissues. <i>Microcirculation</i> , 1998, 5, 179-188.	1.8	36
126	P-selectin-dependent leukocyte recruitment and intestinal mucosal injury induced by lactoferrin. <i>Journal of Leukocyte Biology</i> , 1994, 55, 771-777.	3.3	35



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127	Endothelial cell adhesion molecule expression in gene-targeted mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H1903-H1908.	3.2	35
128	Role of Platelets in Hypercholesterolemia-Induced Leukocyte Recruitment and Arteriolar Dysfunction. <i>Microcirculation</i> , 2006, 13, 377-388.	1.8	35
129	Glucocorticoids Inhibit the Cerebral Microvascular Dysfunction Associated with Sepsis in Obese Mice. <i>Microcirculation</i> , 2006, 13, 477-487.	1.8	35
130	Endothelin-1-induced PMN infiltration and mucosal dysfunction in the rat small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G483-G491.	3.4	34
131	Differential Expression of E- and P-Selectin in the Microvasculature of Sickle Cell Transgenic Mice. <i>Microcirculation</i> , 2004, 11, 377-385.	1.8	34
132	Critical differences between two classical surgical approaches for middle cerebral artery occlusion-induced stroke in mice. <i>Journal of Neuroscience Methods</i> , 2015, 249, 99-105.	2.5	32
133	Endothelial Cells Exposed to Anoxia/Reoxygenation Are Hyperadhesive to T-lymphocytes: Kinetics and Molecular Mechanisms. <i>Microcirculation</i> , 2000, 7, 13-23.	1.8	31
134	Hypercholesterolemia Promotes Leukocyte-Dependent Platelet Adhesion in Murine Postcapillary Venules. <i>Microcirculation</i> , 2004, 11, 597-603.	1.8	28
135	Granulocyte turnover in the feline intestine. <i>Inflammation</i> , 1992, 16, 549-559.	3.8	27
136	Differential expression and regulation of murine CD40 in regional vascular beds. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H631-H639.	3.2	27
137	HMG-CoA reductase inhibitor attenuates platelet adhesion in intestinal venules of hypercholesterolemic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1402-H1407.	3.2	26
138	Quantification of murine endothelial cell adhesion molecules in solid tumors. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H1156-H1166.	3.2	25
139	Induction of neuro-protective/regenerative genes in stem cells infiltrating post-ischemic brain tissue. <i>Experimental &amp; Translational Stroke Medicine</i> , 2010, 2, 11.	3.2	25
140	Endothelial barrier function in preeclampsia. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2412.	3.0	25
141	II. Leukocyte-endothelial cell adhesion in the digestive system. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, G982-G986.	3.4	24
142	Expression of Endothelial Cell Adhesion Molecules in Neovascularized Tissue. <i>Microcirculation</i> , 2000, 7, 249-258.	1.8	24
143	The Role of T-Lymphocytes in Hypercholesterolemia-Induced Leukocyte-Endothelial Interactions. <i>Microcirculation</i> , 2002, 9, 407-417.	1.8	24
144	Monocyte Rolling in Early Atherogenesis. <i>Circulation Research</i> , 1999, 84, 1353-1355.	4.5	23

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145	Polynitroxyl-hemoglobin (PNH) inhibits peroxide and superoxide-mediated neutrophil adherence to human endothelial cells. <i>Free Radical Research</i> , 1999, 31, 53-58.	3.3	23
146	Oxidative Stress During Platelet-Activating Factor-Induced Microvascular Dysfunction. <i>Microcirculation</i> , 1996, 3, 401-410.	1.8	22
147	Role of endotoxin in intestinal reperfusion-induced expression of E-selectin. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, G479-G484.	3.4	21
148	Impaired mesenteric leukocyte recruitment in experimental portal hypertension in the rat. <i>Hepatology</i> , 1999, 30, 445-453.	7.3	21
149	Lymphocyte-derived interferon- $\gamma$ mediates ischemia-reperfusion-induced leukocyte and platelet adhesion in intestinal microcirculation. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G659-G663.	3.4	21
150	Role of blood cell-associated angiotensin II type 1 receptors in the cerebral microvascular response to ischemic stroke during angiotensin-induced hypertension. <i>Experimental &amp; Translational Stroke Medicine</i> , 2011, 3, 15.	3.2	21
151	REDUCTION OF LEUKOCYTE ADHERENCE AND EMIGRATION BY CYCLOSPORINE AND L683,590 (FK506) IN POSTCAPILLARY VENULES. <i>Transplantation</i> , 1992, 54, 686-689.	1.0	20
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