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List of Publications by Year
in descending order

Version: 2024-02-01

162 papers	10,130 citations	36303 51 h-index	39675 94 g-index
166 all docs	166 docs citations	166 times ranked	12463 citing authors

#	Article	IF	Citations
1	Molecular Characterization of Skeletal Muscle Dysfunction in Sigma 1 Receptor (Sigmar1) Knockout Mice. American Journal of Pathology, 2022, 192, 160-177.	3.8	4
2	The molecular role of Sigmar1 in regulating mitochondrial function through mitochondrial localization in cardiomyocytes. Mitochondrion, 2022, 62, 159-175.	3.4	6
3	Stimulant Drugs of Abuse and Cardiac Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010273.	4.8	23
4	Hydrogen sulfide and DNA repair. Redox Biology, 2021, 38, 101675.	9.0	24
5	Sulfide catabolism ameliorates hypoxic brain injury. Nature Communications, 2021, 12, 3108.	12.8	71
6	Impairment of Physiological Function in Skeletal Muscle from Sigmar1 Knockout Mice. FASEB Journal, 2021, 35, .	0.5	0
7	Suppression of mitochondrial respiration by hydrogen sulfide in hibernating 13-lined ground squirrels. Free Radical Biology and Medicine, 2021, 169, 181-186.	2.9	11
8	Disrupted Bloodâ€Brain Barrier and Mitochondrial Impairment by Autotaxinâ€“Lysophosphatidic Acid Axis in Postischemic Stroke. Journal of the American Heart Association, 2021, 10, e021511.	3.7	20
9	Ethylmalonic Encephalopathy 1 Protein Is Increased in Colorectal Adenocarcinoma. Anticancer Research, 2021, 41, 4719-4723.	1.1	2
10	Methods in sulfide and persulfide research. Nitric Oxide - Biology and Chemistry, 2021, 116, 47-64.	2.7	22
11	Transient activation of notch signaling enhances endogenous stromal cell expansion and subsequent bone defect repair. Journal of Orthopaedic Translation, 2021, 31, 26-32.	3.9	3
12	Bad Smells and Broken DNA: A Tale of Sulfur-Nucleic Acid Cooperation. Antioxidants, 2021, 10, 1820.	5.1	3
13	SOD2 deficiency in cardiomyocytes defines defective mitochondrial bioenergetics as a cause of lethal dilated cardiomyopathy. Redox Biology, 2020, 37, 101740.	9.0	49
14	Dysfunctional Mitochondrial Dynamic and Oxidative Phosphorylation Precedes Cardiac Dysfunction in R120Gâ€Bâ€Crystallinâ€Induced Desminâ€Related Cardiomyopathy. Journal of the American Heart Association, 2020, 9, e017195.	3.7	17
15	Methamphetamine induces cardiomyopathy by Sigmar1 inhibition-dependent impairment of mitochondrial dynamics and function. Communications Biology, 2020, 3, 682.	4.4	32
16	Pleiotropic effects of mdivi-1 in altering mitochondrial dynamics, respiration, and autophagy in cardiomyocytes. Redox Biology, 2020, 36, 101660.	9.0	42
17	Caveolin-1 Scaffolding Domain Peptide Regulates Colon Endothelial Cell Survival through JNK Pathway. International Journal of Inflammation, 2020, 2020, 1-9.	1.5	0
18	Neurogranin regulates eNOS function and endothelial activation. Redox Biology, 2020, 34, 101487.	9.0	17

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19	Macrophage Metabolism of Apoptotic Cell-Derived Arginine Promotes Continual Efferocytosis and Resolution of Injury. Cell Metabolism, 2020, 31, 518-533.e10.	16.2	235
20	Hydrogen sulfide stimulates xanthine oxidoreductase conversion to nitrite reductase and formation of NO. Redox Biology, 2020, 34, 101447.	9.0	24
21	Notch Signaling in Osteogenesis, Osteoclastogenesis, and Angiogenesis. American Journal of Pathology, 2019, 189, 1495-1500.	3.8	82
22	Methamphetamine Use and Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1739-1746.	2.4	155
23	Nitric Oxide and Hydrogen Sulfide Regulation of Ischemic Vascular Growth and Remodeling. , 2019, 9, 1213-1247.		47
24	Tissue-dependent variations of hydrogen sulfide homeostasis in anoxic freshwater turtles. Journal of Experimental Biology, 2019, 222, .	1.7	6
25	Sodium sulfide selectively induces oxidative stress, DNA damage, and mitochondrial dysfunction and radiosensitizes glioblastoma (GBM) cells.. Redox Biology, 2019, 26, 101220.	9.0	32
26	The effect of endothelial nitric oxide synthase on the hemodynamics and wall mechanics in murine arteriovenous fistulas. Scientific Reports, 2019, 9, 4299.	3.3	20
27	The Ataxia telangiectasia-mutated and Rad3-related protein kinase regulates cellular hydrogen sulfide concentrations. DNA Repair, 2019, 73, 55-63.	2.8	10
28	Hyperhomocysteinemia potentiates diabetes-impaired EDHF-induced vascular relaxation: Role of insufficient hydrogen sulfide. Redox Biology, 2018, 16, 215-225.	9.0	41
29	Total sulfane sulfur bioavailability reflects ethnic and gender disparities in cardiovascular disease. Redox Biology, 2018, 15, 480-489.	9.0	39
30	MicroRNA-31-3p Is Involved in Substance P (SP)-Associated Inflammation in Human Colonic Epithelial Cells and Experimental Colitis. American Journal of Pathology, 2018, 188, 586-599.	3.8	19
31	Hydrogen sulfide ameliorates aging-associated changes in the kidney. GeroScience, 2018, 40, 163-176.	4.6	49
32	Cardiac-specific inactivation of LPP3 in mice leads to myocardial dysfunction and heart failure. Redox Biology, 2018, 14, 261-271.	9.0	63
33	Hydrogen Sulfide-Synthesizing Enzymes Are Altered in a Case of Oral Cavity Mucoepidermoid Carcinoma. Case Reports in Oncology, 2018, 11, 682-687.	0.7	4
34	Cystathione Î²-Synthase Is Increased in Thyroid Malignancies. Anticancer Research, 2018, 38, 6085-6090.	1.1	33
35	Notch ligand Jagged1 promotes mesenchymal stromal cell-based cartilage repair. Experimental and Molecular Medicine, 2018, 50, 1-10.	7.7	17
36	Hydrogen Sulfide and Hydrogen Sulfide-Synthesizing Enzymes Are Altered in a Case of Oral Adenoid Cystic Carcinoma. Case Reports in Oncology, 2018, 11, 585-590.	0.7	9

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37	Hydrogen Sulfide Is Increased in Oral Squamous Cell Carcinoma Compared to Adjacent Benign Oral Mucosae. Anticancer Research, 2018, 38, 3843-3852.	1.1	24
38	Cystathionine Î³-Lyase Modulates Flow-Dependent Vascular Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2126-2136.	2.4	46
39	Biological hydropersulfides and related polysulfides â€“ a new concept and perspective in redox biology. FEBS Letters, 2018, 592, 2140-2152.	2.8	164
40	The pleiotropic effects of hydrogen sulfide. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H1-H2.	3.2	5
41	Nicotinamide nucleotide transhydrogenase activity impacts mitochondrial redox balance and the development of hypertension in mice. Journal of the American Society of Hypertension, 2017, 11, 110-121.	2.3	26
42	Gasotransmitter Heterocellular Signaling. Antioxidants and Redox Signaling, 2017, 26, 936-960.	5.4	53
43	Beyond a Gasotransmitter: Hydrogen Sulfide and Polysulfide in Cardiovascular Health and Immune Response. Antioxidants and Redox Signaling, 2017, 27, 634-653.	5.4	86
44	EphA2 Expression Regulates Inflammation and Fibroproliferative Remodeling in Atherosclerosis. Circulation, 2017, 136, 566-582.	1.6	50
45	Role of thiosulfate in hydrogen sulfide-dependent redox signaling in endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H256-H264.	3.2	27
46	Catalase as a regulator of reactive sulfur metabolism; a new interpretation beyond hydrogen peroxideâœ©. Redox Biology, 2017, 12, 528-529.	9.0	4
47	Human Mesenchymal Stromal Cell Sheet Enhances Allograft Repair in a Mouse Model. Scientific Reports, 2017, 7, 7982.	3.3	9
48	Contribution of human smooth muscle cells to amyloid angiopathy in AL (light-chain) amyloidosis. Ultrastructural Pathology, 2017, 41, 358-368.	0.9	9
49	The Type 1 Diabetesâ€“Resistance Locus Idd22 Controls Trafficking of Autoreactive CTLs into the Pancreatic Islets of NOD Mice. Journal of Immunology, 2017, 199, 3991-4000.	0.8	11
50	S-Nitrosothiols and Nitric Oxide Biology. , 2017, , 45-56.		4
51	Cooperative Interactions Between NO and H 2 S: Chemistry, Biology, Physiology, Pathophysiology. , 2017, , 57-83.		8
52	Nitric Oxide and Hydrogen Sulfide Regulation of Ischemic Vascular Remodeling. Microcirculation, 2016, 23, 134-145.	1.8	32
53	Withaferin A suppresses the upâ€regulation of acetylâ€coA carboxylase 1 and skin tumor formation in a skin carcinogenesis mouse model. Molecular Carcinogenesis, 2016, 55, 1739-1746.	2.7	37
54	Self-Immolative Thiocarbamates Provide Access to Triggered H₂S Donors and Analyte Replacement Fluorescent Probes. Journal of the American Chemical Society, 2016, 138, 7256-7259.	13.7	156

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55	AltitudeOmics: Red Blood Cell Metabolic Adaptation to High Altitude Hypoxia. Journal of Proteome Research, 2016, 15, 3883-3895.	3.7	98
56	Hydrogen sulfide metabolism regulates endothelial solute barrier function. Redox Biology, 2016, 9, 157-166.	9.0	55
57	Application of Comparative Transcriptional Genomics to Identify Molecular Targets for Pediatric IBD. Frontiers in Immunology, 2015, 6, 165.	4.8	25
58	Recruitment of the adaptor protein Nck to PECAM-1 couples oxidative stress to canonical NF-Î¹B signaling and inflammation. Science Signaling, 2015, 8, ra20.	3.6	25
59	UCP2 Knockout Suppresses Mouse Skin Carcinogenesis. Cancer Prevention Research, 2015, 8, 487-491.	1.5	22
60	Working with nitric oxide and hydrogen sulfide in biological systems. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L403-L415.	2.9	69
61	Measurement of H2S In Vivo and In Vitro by the Monobromobimane Method. Methods in Enzymology, 2015, 554, 31-45.	1.0	86
62	H2S Regulation of Nitric Oxide Metabolism. Methods in Enzymology, 2015, 554, 271-297.	1.0	40
63	Paying the Toll for Glucose Regulation: A Central Role for TLR3: Figure 1. Diabetes, 2015, 64, 3345-3346.	0.6	6
64	Cystathionine Î³-lyase regulates arteriogenesis through NO-dependent monocyte recruitment. Cardiovascular Research, 2015, 107, 590-600.	3.8	54
65	Mechanistic investigations reveal that dibromobimane extrudes sulfur from biological sulfhydryl sources other than hydrogen sulfide. Chemical Science, 2015, 6, 294-300.	7.4	28
66	Role of Hydrogen Sulfide in Early Blood-Brain Barrier Disruption following Transient Focal Cerebral Ischemia. PLoS ONE, 2015, 10, e0117982.	2.5	42
67	Biological activities of fusarochromanone: a potent anti-cancer agent. BMC Research Notes, 2014, 7, 601.	1.4	14
68	Nitrite Anion Therapy Protects Against Chronic Ischemic Tissue Injury in db/db Diabetic Mice in a NO/VEGF-Dependent Manner. Diabetes, 2014, 63, 270-281.	0.6	42
69	2nd European Conference on the Biology of Hydrogen Sulfide, Exeter, England 8thâ€“11th September 2013. Nitric Oxide - Biology and Chemistry, 2014, 41, 1-3.	2.7	2
70	Hydrogen sulfide measurement using sulfide dibimane: Critical evaluation with electrospray ion trap mass spectrometry. Nitric Oxide - Biology and Chemistry, 2014, 41, 97-104.	2.7	36
71	Sodium nitrite in patients with peripheral artery disease and diabetes mellitus: Safety, walking distance and endothelial function. Vascular Medicine, 2014, 19, 9-17.	1.5	37
72	Hydrogen sulfide and nitric oxide metabolites in the blood of free-ranging brown bears and their potential roles in hibernation. Free Radical Biology and Medicine, 2014, 73, 349-357.	2.9	32

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73	Hydrogen sulfide chemical biology: Pathophysiological roles and detection. Nitric Oxide - Biology and Chemistry, 2013, 35, 5-20.	2.7	376
74	SDF-1â€“CXCR4 differentially regulates autoimmune diabetogenic T cell adhesion through ROBO1â€“SLIT2 interactions in mice. Diabetologia, 2013, 56, 2222-2230.	6.3	15
75	VEGF-A isoform modulation in an preclinical TNBS model of ulcerative colitis: protective effects of a VEGF164b therapy. Journal of Translational Medicine, 2013, 11, 207.	4.4	32
76	Microbial regulation of host hydrogen sulfide bioavailability and metabolism. Free Radical Biology and Medicine, 2013, 60, 195-200.	2.9	151
77	Control of angiogenesis dictated by picomolar superoxide levels. Free Radical Biology and Medicine, 2013, 63, 135-142.	2.9	31
78	A tale of two gases: NO and H2S, foes or friends for life?. Redox Biology, 2013, 1, 313-318.	9.0	151
79	Plasma Free H ₂ S Levels are Elevated in Patients With Cardiovascular Disease. Journal of the American Heart Association, 2013, 2, e000387.	3.7	73
80	Sulfane Sustains Vascular Health. Circulation, 2013, 127, 2472-2474.	1.6	15
81	Intravascular Radiocontrast Iodixanol Increases Permeability of Proximal Tubule Epithelium. Vascular and Endovascular Surgery, 2013, 47, 632-638.	0.7	7
82	Hydrogen Sulfide Attenuates Cardiac Dysfunction After Heart Failure Via Induction of Angiogenesis. Circulation: Heart Failure, 2013, 6, 1077-1086.	3.9	146
83	Altered nitric oxide production mediates matrix-specific PAK2 and NF-ÎºB activation by flow. Molecular Biology of the Cell, 2013, 24, 398-408.	2.1	45
84	Beets, Bacteria, and Blood Flow. Circulation, 2012, 126, 1939-1940.	1.6	1
85	Hydrogen Sulfide Stimulates Ischemic Vascular Remodeling Through Nitric Oxide Synthase and Nitrite Reduction Activity Regulating Hypoxiaâ€inducible Factorâ€1Î± and Vascular Endothelial Growth Factorâ€“Dependent Angiogenesis. Journal of the American Heart Association, 2012, 1, e004093.	3.7	141
86	Regulation and Maintenance of Vascular Tone and Patency in Cardiovascular Health and Disease. International Journal of Vascular Medicine, 2012, 2012, 1-2.	1.0	5
87	Emerging role of PKA/eNOS pathway in therapeutic angiogenesis for ischaemic tissue diseases. Cardiovascular Research, 2012, 95, 7-18.	3.8	88
88	Leukocyte Recruitment Alters Pathological Angiogenesis Gene Expression During DSS Colitis. Inflammatory Bowel Diseases, 2012, 18, S89.	1.9	0
89	Nitrite and nitric oxide metabolism in peripheral artery disease. Nitric Oxide - Biology and Chemistry, 2012, 26, 217-222.	2.7	54
90	Single-Dose Pharmacokinetics of Different Oral Sodium Nitrite Formulations in Diabetes Patients. Diabetes Technology and Therapeutics, 2012, 14, 552-560.	4.4	41

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91	Nitrite and Nitrate: From Bench to Bedside. Nitric Oxide - Biology and Chemistry, 2012, 26, 195-196.	2.7	5
92	Endothelial Dysfunction and Diabetes: Effects on Angiogenesis, Vascular Remodeling, and Wound Healing. International Journal of Vascular Medicine, 2012, 2012, 1-30.	1.0	440
93	Redox balance dynamically regulates vascular growth and remodeling. Seminars in Cell and Developmental Biology, 2012, 23, 745-757.	5.0	59
94	Recruitment of Inflammatory and Immune Cells in the Gut. , 2012, , 2101-2128.		0
95	Sodium nitrite therapy rescues ischemia-induced neovascularization and blood flow recovery in hypertension. Pflugers Archiv European Journal of Physiology, 2012, 464, 583-592.	2.8	16
96	Nitrite anion stimulates ischemic arteriogenesis involving NO metabolism. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H178-H188.	3.2	18
97	Temporal Genome Expression Profile Analysis During T-cell-Mediated Colitis: Identification of Novel Targets and Pathways. Inflammatory Bowel Diseases, 2012, 18, 1411-1423.	1.9	21
98	Radical innate regulation of autoimmune diabetes. Free Radical Biology and Medicine, 2012, 52, 1698-1699.	2.9	0
99	Analytical measurement of discrete hydrogen sulfide pools in biological specimens. Free Radical Biology and Medicine, 2012, 52, 2276-2283.	2.9	190
100	Dipyridamole reverses peripheral ischemia and induces angiogenesis in the Db/Db diabetic mouse hind-limb model by decreasing oxidative stress. Free Radical Biology and Medicine, 2011, 50, 262-269.	2.9	27
101	Measurement of plasma hydrogen sulfide in vivo and in vitro. Free Radical Biology and Medicine, 2011, 50, 1021-1031.	2.9	278
102	Diabetic neutrophil mitochondrial dysfunction: An inflammatory situation?. Free Radical Biology and Medicine, 2011, 50, 1213-1214.	2.9	2
103	Inorganic nitrite therapy: historical perspective and future directions. Free Radical Biology and Medicine, 2011, 51, 576-593.	2.9	96
104	VEGF164 isoform specific regulation of T-cell-dependent experimental colitis in mice. Inflammatory Bowel Diseases, 2011, 17, 1501-1512.	1.9	13
105	Detection of hydrogen sulfide in biological samples: current and future. Expert Review of Clinical Pharmacology, 2011, 4, 9-12.	3.1	9
106	Enhancing Mitochondrial Respiration Suppresses Tumor Promoter TPA-Induced PKM2 Expression and Cell Transformation in Skin Epidermal JB6 Cells. Cancer Prevention Research, 2011, 4, 1476-1484.	1.5	28
107	Therapeutic Treatment with Sustained-Release Platelet-Rich Plasma Restores Blood Perfusion by Augmenting Ischemia-Induced Angiogenesis and Arteriogenesis in Diabetic Mice. Journal of Vascular Research, 2011, 48, 195-205.	1.4	38
108	Inorganic nitrite and chronic tissue ischaemia: a novel therapeutic modality for peripheral vascular diseases. Cardiovascular Research, 2011, 89, 533-541.	3.8	36

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109	Review focus on inorganic nitrite and nitrate in cardiovascular health and disease. Cardiovascular Research, 2011, 89, 489-491.	3.8	26
110	Temporal genomewide expression profiling of DSS colitis reveals novel inflammatory and angiogenesis genes similar to ulcerative colitis. Physiological Genomics, 2011, 43, 43-56.	2.3	65
111	Nitrite Therapy Positively Augments Arteriogenesis in a Murine Model of Hind Limb Ischemia. FASEB Journal, 2011, 25, 1092.7.	0.5	0
112	ICAM-1 cytoplasmic tail regulates endothelial glutathione synthesis through a NOX4/PI3-kinase-dependent pathway. Free Radical Biology and Medicine, 2010, 49, 1119-1128.	2.9	19
113	The polyphenol epigallocatechin-3-gallate affects lipid rafts to block activation of the c-Met receptor in prostate cancer cells. Molecular Carcinogenesis, 2010, 49, n/a-n/a.	2.7	68
114	Nitrite Therapy for Ischemic Syndromes. , 2010, , 587-603.		0
115	Reperfusion of chronic tissue ischemia: nitrite and dipyridamole regulation of innate immune responses. Annals of the New York Academy of Sciences, 2010, 1207, 83-88.	3.8	13
116	Dipyridamole enhances ischaemia-induced arteriogenesis through an endocrine nitrite/nitric oxide-dependent pathway. Cardiovascular Research, 2010, 85, 661-670.	3.8	49
117	VEGF164 differentially regulates neutrophil and T cell adhesion through ItgaL- and ItgaM-dependent mechanisms. American Journal of Physiology - Renal Physiology, 2010, 299, G1361-G1367.	3.4	17
118	Genome expression profiling and network analysis of nitrite therapy during chronic ischemia: Possible mechanisms and interesting molecules. Nitric Oxide - Biology and Chemistry, 2010, 22, 168-179.	2.7	21
119	S-Nitrosothiol biology and therapeutic potential in metabolic disease. Current Opinion in Investigational Drugs, 2010, 11, 1127-34.	2.3	7
120	Hydrogen Sulfide Mediates Cardioprotection Through Nrf2 Signaling. Circulation Research, 2009, 105, 365-374.	4.5	652
121	Genetic Deficiency of Itgb2 or ItgaL Prevents Autoimmune Diabetes Through Distinctly Different Mechanisms in NOD/LtJ Mice. Diabetes, 2009, 58, 1292-1301.	0.6	26
122	Endothelial Caveolin-1 Regulates Pathologic Angiogenesis in a Mouse Model of Colitis. Gastroenterology, 2009, 136, 575-584.e2.	1.3	49
123	Dipyridamole Enhancement of Diabetic Ischemia Induced Angiogenesis. FASEB Journal, 2009, 23, LB321.	0.5	0
124	Slit2â€Robo1 regulates control of SDFâ€1 induced T cell adhesion in NOD mice. FASEB Journal, 2009, 23, 360.5.	0.5	0
125	Reduced brain injury in CD18â€deficient mice after experimental intracerebral hemorrhage. Journal of Neuroscience Research, 2008, 86, 3240-3245.	2.9	27
126	SNO-hemoglobin is not essential for red blood cellâ€“dependent hypoxic vasodilation. Nature Medicine, 2008, 14, 773-777.	30.7	145

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127	Preserving vessel function during ischemic disease: new possibilities of inorganic nitrite therapy. Expert Review of Cardiovascular Therapy, 2008, 6, 1175-1179.	1.5	12
128	Stromal Cell Derived Factor-1/CXCL12 Stimulates Chemorepulsion of NOD/LtJ T-Cell Adhesion to Islet Microvascular Endothelium. Diabetes, 2008, 57, 102-112.	0.6	24
129	Chronic sodium nitrite therapy augments ischemia-induced angiogenesis and arteriogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7540-7545.	7.1	178
130	T cell-associated CD18 but not CD62L, ICAM-1, or PSGL-1 is required for the induction of chronic colitis. American Journal of Physiology - Renal Physiology, 2007, 292, G1706-G1714.	3.4	28
131	Sildenafil Promotes Ischemia-Induced Angiogenesis Through a PKG-Dependent Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1947-1954.	2.4	79
132	Pathogenic angiogenesis in IBD and experimental colitis: new ideas and therapeutic avenues. American Journal of Physiology - Renal Physiology, 2007, 293, G5-G18.	3.4	133
133	ICAM-1 Cross-Linking Stimulates Endothelial Glutathione Synthesis. Antioxidants and Redox Signaling, 2007, 9, 159-164.	5.4	7
134	Regulation of endothelial glutathione by ICAM-1 governs VEGF-A-mediated eNOS activity and angiogenesis. Free Radical Biology and Medicine, 2007, 42, 720-729.	2.9	50
135	Differential Angiogenic Regulation of Experimental Colitis. American Journal of Pathology, 2006, 169, 2014-2030.	3.8	121
136	Regulation of dextran sodium sulfate induced colitis by leukocyte beta 2 integrins. Laboratory Investigation, 2006, 86, 380-390.	3.7	60
137	eNOS Gene Therapy Exacerbates Hepatic Ischemia-Reperfusion Injury in Diabetes. Circulation Research, 2006, 99, 78-85.	4.5	73
138	VEGF-A stimulation of leukocyte adhesion to colonic microvascular endothelium: implications for inflammatory bowel disease. American Journal of Physiology - Renal Physiology, 2006, 290, G648-G654.	3.4	72
139	Role of T-cell-associated lymphocyte function-associated antigen-1 in the pathogenesis of experimental colitis. International Immunology, 2006, 18, 389-398.	4.0	52
140	Recruitment of Inflammatory and Immune Cells in the Gut: Physiology and Pathophysiology. , 2006, , 1137-1162.		2
141	Revealing anti-inflammatory mechanisms of soy isoflavones by flow: modulation of leukocyte-endothelial cell interactions. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H908-H915.	3.2	81
142	Î±L-Integrin I domain cyclic peptide antagonist selectively inhibits T cell adhesion to pancreatic islet microvascular endothelium. American Journal of Physiology - Renal Physiology, 2005, 288, G67-G73.	3.4	20
143	Cytoprotective effects of nitrite during in vivo ischemia-reperfusion of the heart and liver. Journal of Clinical Investigation, 2005, 115, 1232-1240.	8.2	585
144	Intercellular Adhesion Molecule-1 (ICAM-1) Regulates Endothelial Cell Motility through a Nitric Oxide-dependent Pathway. Journal of Biological Chemistry, 2004, 279, 19230-19238.	3.4	89

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145	The Red Blood Cell and Vascular Function in Health and Disease. Antioxidants and Redox Signaling, 2004, 6, 992-999.	5.4	37
146	Contributions of LFA-1 and Mac-1 to brain injury and microvascular dysfunction induced by transient middle cerebral artery occlusion. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2555-H2560.	3.2	101
147	Cystatin M suppresses the malignant phenotype of human MDA-MB-435S cells. Oncogene, 2004, 23, 2206-2215.	5.9	76
148	CD18 Deficiency Protects against Multiple Low-Dose Streptozotocin-Induced Diabetes. American Journal of Pathology, 2004, 165, 1849-1852.	3.8	17
149	Loss of LFA-1, but not Mac-1, Protects MRL/MpJ-Faslpr Mice from Autoimmune Disease. American Journal of Pathology, 2004, 165, 609-616.	3.8	78
150	Endothelial cell activation in inflammation: lessons from mutant mouse models. Pathophysiology, 2003, 9, 63-74.	2.2	16
151	Avidity Modulation Activates Adhesion under Flow and Requires Cooperativity among Adhesion Receptors. Biophysical Journal, 2003, 85, 4122-4133.	0.5	17
152	Identification of an occludin cell adhesion recognition sequence. Inflammation, 2002, 26, 193-198.	3.8	23
153	The Role of p38 MAP Kinase in Hydrogen Peroxide Mediated Endothelial Solute Permeability. Endothelium: Journal of Endothelial Cell Research, 2001, 8, 107-116.	1.7	71
154	Inflammatory mediators induce sequestration of VE-cadherin in cultured human endothelial cells. Inflammation, 2000, 24, 99-113.	3.8	65
155	Effect of Reactive Oxygen Metabolites on Endothelial Permeability: Role of Nitric Oxide and Iron. Microcirculation, 1999, 6, 107-116.	1.8	17
156	Roles of leukocyte/endothelial cell adhesion molecules in the pathogenesis of vasculitis. American Journal of Medicine, 1999, 106, 677-687.	1.5	63
157	Organ Preservation Solutions Increase Endothelial Permeability and Promote Loss of Junctional Proteins. Annals of Surgery, 1999, 230, 105.	4.2	31
158	Expression of Zonula Occludens and Adherens Junctional Proteins in Human Venous and Arterial Endothelian Cells: Role of Occludin in Endothelial Solute Barriers. Microcirculation, 1998, 5, 197-210.	1.8	79
159	Role of Cadherin Internalization in Hydrogen Peroxide-Mediated Endothelial Permeability. Free Radical Biology and Medicine, 1998, 24, 1015-1022.	2.9	86
160	Vascular Permeability Factor/Vascular Endothelial Cell Growth Factor-mediated Permeability Occurs through Disorganization of Endothelial Junctional Proteins. Journal of Biological Chemistry, 1998, 273, 15099-15103.	3.4	284
161	An Improved, Rapid Northern Protocol. Biochemical and Biophysical Research Communications, 1997, 238, 277-279.	2.1	99
162	Translational regulation of vascular permeability factor by eukaryotic initiation factor 4E: Implications for tumor angiogenesis. International Journal of Cancer, 1996, 65, 785-790.	5.1	176