Wim Martinet

List of Publications by Year
in descending order

195 papers	21,067 citations	30551 56 h-index	10955 142 g-index
196 all docs	196 docs citations	196 times ranked	36696 citing authors

#	Article	IF	Citations
1	PFKFB3 gene deletion in endothelial cells inhibits intraplaque angiogenesis and lesion formation in a murine model of venous bypass grafting. Angiogenesis, 2022, 25, 129-143.	3.7	11
2	Autophagy in the vasculature. , 2022, , 257-268.		0
3	Mouse aortic biomechanics are affected by short-term defective autophagy in vascular smooth muscle cells. Journal of Physiological Sciences, 2022, 72, 7.	0.9	3
4	Acetylsalicylic Acid Reduces Passive Aortic Wall Stiffness and Cardiovascular Remodelling in a Mouse Model of Advanced Atherosclerosis. International Journal of Molecular Sciences, 2022, 23, 404.	1.8	2
5	The Impact of RIPK1 Kinase Inhibition on Atherogenesis: A Genetic and a Pharmacological Approach. Biomedicines, 2022, 10, 1016.	1.4	4
6	Basal Vascular Smooth Muscle Cell Tone in eNOS Knockout Mice Can Be Reversed by Cyclic Stretch and Is Independent of Age. Frontiers in Physiology, 2022, 13, 882527.	1.3	4
7	Gasdermin D Deficiency Limits the Transition of Atherosclerotic Plaques to an Inflammatory Phenotype in ApoE Knock-Out Mice. Biomedicines, 2022, 10, 1171.	1.4	20
8	Progressive aortic stiffness in aging C57Bl/6 mice displays altered contractile behaviour and extracellular matrix changes. Communications Biology, 2022, 5, .	2.0	12
9	Inflammation, Nitro-Oxidative Stress, Impaired Autophagy, and Insulin Resistance as a Mechanistic Convergence Between Arterial Stiffness and Alzheimerâ€™s Disease. Frontiers in Molecular Biosciences, 2021, 8, 651215.	1.6	16
10	Impact of myeloid RIPK1 gene deletion on atherogenesis in ApoE-deficient mice. Atherosclerosis, 2021, 322, 51-60.	0.4	10
11	Coupling Additive Manufacturing with Hot Melt Extrusion Technologies to Validate a Ventilator-Associated Pneumonia Mouse Model. Pharmaceutics, 2021, 13, 772.	2.0	7
12	The PFKFB3 Inhibitor AZ67 Inhibits Angiogenesis Independently of Glycolysis Inhibition. International Journal of Molecular Sciences, 2021, 22, 5970.	1.8	14
13	Serum Corticosterone and Insulin Resistance as Early Biomarkers in the hAPP23 Overexpressing Mouse Model of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 6656.	1.8	11
14	Doxorubicin induces arterial stiffness: A comprehensive in vivo and ex vivo evaluation of vascular toxicity in mice. Toxicology Letters, 2021, 346, 23-33.	0.4	15
15	High Pulsatile Load Decreases Arterial Stiffness: An ex vivo Study. Frontiers in Physiology, 2021, 12, 741346.	1.3	7
16	ATG4B Inhibitor UAMC-2526 Potentiates the Chemotherapeutic Effect of Gemcitabine in a Panc02 Mouse Model of Pancreatic Ductal Adenocarcinoma. Frontiers in Oncology, 2021, 11, 750259.	1.3	5
17	Doxorubicin Impairs Smooth Muscle Cell Contraction: Novel Insights in Vascular Toxicity. International Journal of Molecular Sciences, 2021, 22, 12812.	1.8	13
18	Autophagy Dynamics and Modulation in a Rat Model of Renal Ischemia-Reperfusion Injury. International Journal of Molecular Sciences, 2020, 21, 7185.	1.8	10

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19	Defective Autophagy in Vascular Smooth Muscle Cells Alters Vascular Reactivity of the Mouse Femoral Artery. Frontiers in Physiology, 2020, 11, 548943.	1.3	5
20	The Protective Effects of the Autophagic and Lysosomal Machinery in Vascular and Valvular Calcification: A Systematic Review. International Journal of Molecular Sciences, 2020, 21, 8933.	1.8	7
21	Defective autophagy in vascular smooth muscle cells increases passive stiffness of the mouse aortic vessel wall. Pflugers Archiv European Journal of Physiology, 2020, 472, 1031-1040.	1.3	15
22	Partial Inhibition of Glycolysis Reduces Atherogenesis Independent of Intraplaque Neovascularization in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1168-1181.	1.1	30
23	INSPIRE: A European training network to foster research and training in cardiovascular safety pharmacology. Journal of Pharmacological and Toxicological Methods, 2020, 105, 106889.	0.3	4
24	Three-Dimensional Imaging of Intraplaque Neovascularization in a Mouse Model of Advanced Atherosclerosis. Journal of Vascular Research, 2020, 57, 348-354.	0.6	6
25	Small molecule 3PO inhibits glycolysis but does not bind to 6â€²phosphofructoâ€2â€kinase/fructoseâ€2,6â€bisphosphataseâ€3 (PFKFB3). FEBS Letters, 2020, 594, 3067-3075.	1.3	20
26	Autophagy as an emerging therapeutic target for age-related vascular pathologies. Expert Opinion on Therapeutic Targets, 2020, 24, 131-145.	1.5	14
27	Pharmacological strategies to inhibit intra-plaque angiogenesis in atherosclerosis. Vascular Pharmacology, 2019, 112, 72-78.	1.0	39
28	Nitric oxide donor molsidomine favors features of atherosclerotic plaque stability and reduces myocardial infarction in mice. Vascular Pharmacology, 2019, 118-119, 106561.	1.0	14
29	Characterization of the role of N-glycosylation sites in the respiratory syncytial virus fusion protein in virus replication, syncytium formation and antigenicity. Virus Research, 2019, 266, 58-68.	1.1	17
30	Macrophage Death as a Pharmacological Target in Atherosclerosis. Frontiers in Pharmacology, 2019, 10, 306.	1.6	152
31	Synthesis and evaluation of novel benzotropolones as Atg4B inhibiting autophagy blockers. Bioorganic Chemistry, 2019, 87, 163-168.	2.0	10
32	Altered mitochondrial quality control in Atg7-deficient VSMCs promotes enhanced apoptosis and is linked to unstable atherosclerotic plaque phenotype. Cell Death and Disease, 2019, 10, 119.	2.7	46
33	Everolimus depletes plaque macrophages, abolishes intraplaque neovascularization and improves survival in mice with advanced atherosclerosis. Vascular Pharmacology, 2019, 113, 70-76.	1.0	24
34	Postconditioning effects of argon or xenon on early graft function in a porcine model of kidney autotransplantation. British Journal of Surgery, 2018, 105, 1051-1060.	0.1	13
35	Vascular smooth muscle cell death, autophagy and senescence in atherosclerosis. Cardiovascular Research, 2018, 114, 622-634.	1.8	356
36	Novel drug discovery strategies for atherosclerosis that target necrosis and necroptosis. Expert Opinion on Drug Discovery, 2018, 13, 477-488.	2.5	23

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37	mTOR Inhibition and Cardiovascular Diseases. Transplantation, 2018, 102, S44-S46.	0.5	80
38	Cytoprotective effects of transgenic neuroglobin overexpression in an acute and chronic mouse model of ischemic heart disease. Heart and Vessels, 2018, 33, 80-88.	0.5	10
39	Axitinib attenuates intraplaque angiogenesis, haemorrhages and plaque destabilization in mice. Vascular Pharmacology, 2018, 100, 34-40.	1.0	21
40	Patient Perceptions of Electronic Prescriptions in Belgium: An Exploratory Policy Analysis. Pharmacy (Basel, Switzerland), 2018, 6, 130.	0.6	6
41	Removal of the N-Glycosylation Sequon at Position N116 Located in p27 of the Respiratory Syncytial Virus Fusion Protein Elicits Enhanced Antibody Responses after DNA Immunization. Viruses, 2018, 10, 426.	1.5	12
42	Defective Autophagy in Atherosclerosis: To Die or to Senesce?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	1.9	113
43	Animal models of atherosclerosis. European Journal of Pharmacology, 2017, 816, 3-13.	1.7	385
44	ATG4B inhibitors with a benzotropolone core structure block autophagy and augment efficiency of chemotherapy in mice. Biochemical Pharmacology, 2017, 138, 150-162.	2.0	61
45	Optimization and characterization of a murine lung infection model for the evaluation of novel therapeutics against Burkholderia cenocepacia. Journal of Microbiological Methods, 2017, 139, 181-188.	0.7	2
46	Basal ryanodine receptor activity suppresses autophagic flux. Biochemical Pharmacology, 2017, 132, 133-142.	2.0	31
47	The Role of Autophagy in Critical Illness-induced Liver Damage. Scientific Reports, 2017, 7, 14150.	1.6	28
48	Inhibition of VEGF receptor signaling attenuates intraplaque angiogenesis and plaque destabilization in a mouse model of advanced atherosclerosis. Atherosclerosis, 2017, 263, e33-e34.	0.4	2
49	Everolimus attenuates atherosclerotic plaque progression, intraplaque neovascularization, myocardial infarction and sudden death in a mouse model of advanced atherosclerosis. Atherosclerosis, 2017, 263, e59.	0.4	1
50	Defective autophagy in vascular smooth muscle cells promotes an unstable atherosclerotic plaque phenotype and increased expression of mitophagy markers in Apo E-/- mice. Atherosclerosis, 2017, 263, e5.	0.4	2
51	Plasmatic Villin 1 Is a Novel In Vivo Marker of Proximal Tubular Cell Injury During Renal Ischemia-Reperfusion. Transplantation, 2017, 101, e330-e336.	0.5	4
52	Standard Immunohistochemical Assays to Assess Autophagy in Mammalian Tissue. Cells, 2017, 6, 17.	1.8	22
53	Inhibition of glycolysis reduces intraplaque angiogenesis in a mouse model of advanced atherosclerosis. Atherosclerosis, 2017, 263, e23.	0.4	1
54	Autophagy in Atherosclerosis. , 2016, , 249-264.		2

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55	Caspase-3 Deletion Promotes Necrosis in Atherosclerotic Plaques of ApoE Knockout Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	428
56	Intraplaque neovascularization as a novel therapeutic target in advanced atherosclerosis. Expert Opinion on Therapeutic Targets, 2016, 20, 1247-1257.	1.5	29
57	Inhibitor screening and enzymatic activity determination for autophagy target Atg4B using a gel electrophoresis-based assay. European Journal of Medicinal Chemistry, 2016, 123, 631-638.	2.6	19
58	NecroX-7 reduces necrotic core formation in atherosclerotic plaques of Apoe knockout mice. Atherosclerosis, 2016, 252, 166-174.	0.4	17
59	Spermidine reduces lipid accumulation and necrotic core formation inÂatherosclerotic plaques via induction of autophagy. Atherosclerosis, 2016, 251, 319-327.	0.4	62
60	Continuous administration of the mTORC1 inhibitor everolimus induces tolerance and decreases autophagy in mice. British Journal of Pharmacology, 2016, 173, 3359-3371.	2.7	23
61	Hepatocellular autophagy modulates the unfolded protein response and fasting-induced steatosis in mice. American Journal of Physiology - Renal Physiology, 2016, 311, G599-G609.	1.6	37
62	A novel setâ€up for the ex vivo analysis of mechanical properties of mouse aortic segments stretched at physiological pressure and frequency. Journal of Physiology, 2016, 594, 6105-6115.	1.3	36
63	Angiotensin II increases coronary fibrosis, cardiac hypertrophy and the incidence of myocardial infarctions in ApoE^{-/-}Fbn1^{C1039G+/-} mice. Acta Cardiologica, 2016, 71, 483-488.	0.3	2
64	Potential therapeutic effects of mTOR inhibition in atherosclerosis. British Journal of Clinical Pharmacology, 2016, 82, 1267-1279.	1.1	94
65	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
66	Cholesterol-independent effects of atorvastatin prevent cardiovascular morbidity and mortality in a mouse model of atherosclerotic plaque rupture. Vascular Pharmacology, 2016, 80, 50-58.	1.0	31
67	Cryotherapy increases features of plaque stability in atherosclerotic rabbits. EuroIntervention, 2016, 12, 748-756.	1.4	3
68	Angiotensin II increases coronary fibrosis, cardiac hypertrophy and the incidence of myocardial infarctions in ApoE^{-/-}Fbn1^{C1039G+/-} mice. Acta Cardiologica, 2016, 71, 483-8.	0.3	2
69	Dissecting out the Complex Ca2+-Mediated Phenylephrine-Induced Contractions of Mouse Aortic Segments. PLoS ONE, 2015, 10, e0121634.	1.1	43
70	Autophagy in Vascular Disease. Circulation Research, 2015, 116, 468-479.	2.0	236
71	Defective autophagy in vascular smooth muscle cells alters contractility and Ca²⁺ homeostasis in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H557-H567.	1.5	50
72	Predictive tissue biomarkers for bevacizumab-containing therapy in metastatic colorectal cancer: an update. Expert Review of Molecular Diagnostics, 2015, 15, 399-414.	1.5	8

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73	Bone matrix vesicle-bound alkaline phosphatase for the assessment of peripheral blood admixture to human bone marrow aspirates. Clinica Chimica Acta, 2015, 446, 253-260.	0.5	6
74	Impaired gait pattern as a sensitive tool to assess hypoxic brain damage in a novel mouse model of atherosclerotic plaque rupture. Physiology and Behavior, 2015, 139, 397-402.	1.0	15
75	Fibrillin-1 impairment enhances bloodâ€“brain barrier permeability and xanthoma formation in brains of apolipoprotein E-deficient mice. Neuroscience, 2015, 295, 11-22.	1.1	14
76	Elastin fragmentation in atherosclerotic mice leads to intraplaque neovascularization, plaque rupture, myocardial infarction, stroke, and sudden death. European Heart Journal, 2015, 36, 1049-1058.	1.0	139
77	Defective autophagy in vascular smooth muscle cells accelerates senescence and promotes neointima formation and atherogenesis. Autophagy, 2015, 11, 2014-2032.	4.3	229
78	Chronic intermittent mental stress promotes atherosclerotic plaque vulnerability, myocardial infarction and sudden death in mice. Atherosclerosis, 2015, 242, 288-294.	0.4	42
79	Development of atherosclerotic plaques in a mouse model of pseudoxanthoma elasticum. Acta Cardiologica, 2014, 69, 687-692.	0.3	2
80	mTOR inhibition: A promising strategy for stabilization of atherosclerotic plaques. Atherosclerosis, 2014, 233, 601-607.	0.4	162
81	The Role of Autophagy in Atherosclerosis. , 2014, , 79-90.		0
82	Methods to Assess Autophagy In Situâ€”Transmission Electron Microscopy Versus Immunohistochemistry. Methods in Enzymology, 2014, 543, 89-114.	0.4	53
83	L-type Ca2+ channel blockers inhibit the window contraction of mouse aorta segments with high affinity. European Journal of Pharmacology, 2014, 738, 170-178.	1.7	15
84	Effect of mental stress on atherosclerotic plaque vulnerability, myocardial infarction and survival in mice. Atherosclerosis, 2014, 235, e116-e117.	0.4	0
85	Role of autophagy in the pathophysiology of nonalcoholic fatty liver disease: A controversial issue. World Journal of Gastroenterology, 2014, 20, 7325.	1.4	88
86	Aging-Related Changes in Cell Death and Cell Survival Pathways and Implications for Heart Failure Therapy. , 2014, , 339-349.		0
87	Dipeptidyl peptidases in atherosclerosis: expression and role in macrophage differentiation, activation and apoptosis. Basic Research in Cardiology, 2013, 108, 350.	2.5	71
88	Drug-induced macrophage autophagy in atherosclerosis: for better or worse?. Basic Research in Cardiology, 2013, 108, 321.	2.5	46
89	Immunohistochemical analysis of macroautophagy. Autophagy, 2013, 9, 386-402.	4.3	67
90	Cardiovascular autophagy. Autophagy, 2013, 9, 1455-1466.	4.3	162

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91	Contribution of Î±-Adrenoceptor Stimulation by Phenylephrine to Basal Nitric Oxide Production in the Isolated Mouse Aorta. Journal of Cardiovascular Pharmacology, 2013, 61, 318-323.	0.8	7
92	Everolimus Triggers Cytokine Release by Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1228-1235.	1.1	26
93	Early Parenteral Nutrition Evokes a Phenotype of Autophagy Deficiency in Liver and Skeletal Muscle of Critically Ill Rabbits. Endocrinology, 2012, 153, 2267-2276.	1.4	672
94	Molecular and cellular mechanisms of skeletal muscle atrophy: an update. Journal of Cachexia, Sarcopenia and Muscle, 2012, 3, 163-179.	2.9	264
95	Contribution of transient and sustained calcium influx, and sensitization to depolarization-induced contractions of the intact mouse aorta. BMC Physiology, 2012, 12, 9.	3.6	31
96	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
97	Molecular and cellular mechanisms of macrophage survival in atherosclerosis. Basic Research in Cardiology, 2012, 107, 297.	2.5	31
98	Selective loss of basal but not receptor-stimulated relaxation by endothelial nitric oxide synthase after isolation of the mouse aorta. European Journal of Pharmacology, 2012, 696, 111-119.	1.7	22
99	Transcript and Protein Analysis Reveals Better Survival Skills of Monocyte-Derived Dendritic Cells Compared to Monocytes during Oxidative Stress. PLoS ONE, 2012, 7, e43357.	1.1	10
100	Toll-like receptor 7 stimulation by imiquimod induces macrophage autophagy and inflammation in atherosclerotic plaques. Basic Research in Cardiology, 2012, 107, 269.	2.5	54
101	A novel plaque rupture model in mice. Vascular Pharmacology, 2012, 56, 313.	1.0	0
102	Therapeutic strategies to deplete macrophages in atherosclerotic plaques. British Journal of Clinical Pharmacology, 2012, 74, 246-263.	1.1	23
103	Attenuated atherogenesis in apolipoprotein E-deficient mice lacking amyloid precursor protein. Atherosclerosis, 2011, 216, 54-58.	0.4	23
104	Inhibition of inositol monophosphatase by lithium chloride induces selective macrophage apoptosis in atherosclerotic plaques. British Journal of Pharmacology, 2011, 162, 1410-1423.	2.7	32
105	Pharmacological modulation of cell death in atherosclerosis: a promising approach towards plaque stabilization?. British Journal of Pharmacology, 2011, 164, 1-13.	2.7	64
106	Autophagy pathways activated in response to PDT contribute to cell resistance against ROS damage. Journal of Cellular and Molecular Medicine, 2011, 15, 1402-1414.	1.6	106
107	Autophagy in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2787-2791.	1.1	160
108	Necrotic cell death in atherosclerosis. Basic Research in Cardiology, 2011, 106, 749-760.	2.5	101

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109	Insufficient Activation of Autophagy Allows Cellular Damage to Accumulate in Critically Ill Patients. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E633-E645.	1.8	185
110	Transcription Profiles of Aortic Smooth Muscle Cells from Atherosclerosis-Prone and -Resistant Regions in Young Apolipoprotein E-Deficient Mice before Plaque Development. Journal of Vascular Research, 2011, 48, 31-42.	0.6	24
111	Effect of Statins on the Viability of Macrophages and Smooth Muscle Cells. Journal of Cardiovascular Pharmacology, 2010, 55, 269-275.	0.8	17
112	Multi-slice computed tomography with N1177 identifies ruptured atherosclerotic plaques in rabbits. Basic Research in Cardiology, 2010, 105, 51-59.	2.5	28
113	Proteasome inhibitor bortezomib promotes a rupture-prone plaque phenotype in ApoE-deficient mice. Basic Research in Cardiology, 2010, 105, 39-50.	2.5	28
114	Role of autophagy in heart failure associated with aging. Heart Failure Reviews, 2010, 15, 423-430.	1.7	103
115	Comparative EPR study of different macrophage types stimulated for superoxide and nitric oxide production. Free Radical Research, 2010, 44, 763-772.	1.5	14
116	Transglutaminase 2 Deficiency Decreases Plaque Fibrosis and Increases Plaque Inflammation in Apolipoprotein-E-Deficient Mice. Journal of Vascular Research, 2010, 47, 231-240.	0.6	23
117	Cell Deathâ€“Mediated Cleavage of the Attraction Signal p43 in Human Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1415-1422.	1.1	8
118	Functional Adiponectin Resistance at the Level of the Skeletal Muscle in Mild to Moderate Chronic Heart Failure. Circulation: Heart Failure, 2010, 3, 185-194.	1.6	134
119	Death and Survival Signals in Photodynamic Therapy. Methods in Molecular Biology, 2010, 635, 7-33.	0.4	19
120	Selective Removal of Macrophages in Atherosclerotic Plaques as a Pharmacological Approach for Plaque Stabilization: Benefits Vs. Potential Complications. Current Vascular Pharmacology, 2010, 8, 495-508.	0.8	12
121	Exercise capacity in chronic heart failure patients is related to active gene transcription in skeletal muscle and not apoptosis. European Journal of Cardiovascular Prevention and Rehabilitation, 2009, 16, 325-332.	3.1	11
122	Autophagy in Atherosclerosis. Circulation Research, 2009, 104, 304-317.	2.0	333
123	Impaired Fibrillin-1 Function Promotes Features of Plaque Instability in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2009, 120, 2478-2487.	1.6	81
124	The Protein Synthesis Inhibitor Anisomycin Induces Macrophage Apoptosis in Rabbit Atherosclerotic Plaques through p38 Mitogen-Activated Protein Kinase. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 856-864.	1.3	52
125	Autophagy in the cardiovascular system. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1485-1495.	1.9	148
126	Therapeutic potential of helminth soluble proteins in TNBS-induced colitis in mice. Inflammatory Bowel Diseases, 2009, 15, 491-500.	0.9	152

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127	Phagocytosis of bacteria is enhanced in macrophages undergoing nutrient deprivation. FEBS Journal, 2009, 276, 2227-2240.	2.2	27
128	Apoptosis Does Not Mediate Macrophage Depletion in Rabbit Atherosclerotic Plaques after Dietary Lipid Lowering. Annals of the New York Academy of Sciences, 2009, 1171, 365-371.	1.8	1
129	The cytosolic sialidase Neu2 is degraded by autophagy during myoblast atrophy. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 817-828.	1.1	14
130	Autophagy in disease: a double-edged sword with therapeutic potential. Clinical Science, 2009, 116, 697-712.	1.8	161
131	Phagocytosis of Dying Cells in the Pathogenesis of Atherosclerosis. , 2009, , 371-392.		0
132	Autophagy in atherosclerosis. Current Atherosclerosis Reports, 2008, 10, 216-223.	2.0	89
133	Interactions between cell death induced by statins and 7â€ketocholesterol in rabbit aorta smooth muscle cells. British Journal of Pharmacology, 2008, 154, 1236-1246.	2.7	77
134	The enzymatic activity of sialidase Neu2 is inversely regulated during in vitro myoblast hypertrophy and atrophy. Biochemical and Biophysical Research Communications, 2008, 370, 376-381.	1.0	10
135	TRPV1 receptor signaling mediates afferent nerve sensitization during colitis-induced motility disorders in rats. American Journal of Physiology - Renal Physiology, 2008, 294, G245-G253.	1.6	42
136	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
137	Cyanide and uncoupling protein function: reply. Cardiovascular Research, 2008, 78, 198-198.	1.8	0
138	Differential Effect of the Protein Synthesis Inhibitors Puromycin and Cycloheximide on Vascular Smooth Muscle Cell Viability. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 824-832.	1.3	31
139	Western Array Analysis of Human Atherosclerotic Plaques. , 2007, 357, 165-178.		2
140	Mitochondrial uncoupling protein 2 mediates temperature heterogeneity in atherosclerotic plaques. Cardiovascular Research, 2007, 77, 425-431.	1.8	17
141	Everolimus-Induced mTOR Inhibition Selectively Depletes Macrophages in Atherosclerotic Plaques by Autophagy. Autophagy, 2007, 3, 241-244.	4.3	85
142	Selective Clearance of Macrophages in Atherosclerotic Plaques by the Protein Synthesis Inhibitor Cycloheximide. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 986-993.	1.3	42
143	Selective Depletion of Macrophages in Atherosclerotic Plaques. Circulation Research, 2007, 100, 751-753.	2.0	14
144	Phagocytosis in atherosclerosis: Molecular mechanisms and implications for plaque progression and stability. Cardiovascular Research, 2007, 73, 470-480.	1.8	228

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145	Anoxia or oxygen and glucose deprivation in SH-SY5Y cells: A step closer to the unraveling of neuroglobin and cytoglobin functions. Gene, 2007, 398, 114-122.	1.0	108
146	Autophagy in cardiovascular disease. Trends in Molecular Medicine, 2007, 13, 482-491.	3.5	144
147	Selective Clearance of Macrophages in Atherosclerotic Plaques by Autophagy. Journal of the American College of Cardiology, 2007, 49, 706-715.	1.2	181
148	Clearance of dying autophagic cells of different origin by professional and non-professional phagocytes. Cell Death and Differentiation, 2007, 14, 1117-1128.	5.0	66
149	Nitric oxide selectively depletes macrophages in atherosclerotic plaques via induction of endoplasmic reticulum stress. British Journal of Pharmacology, 2007, 152, 493-500.	2.7	19
150	Selective Depletion of Macrophages in Atherosclerotic Plaques via Macrophage-Specific Initiation of Cell Death. Trends in Cardiovascular Medicine, 2007, 17, 69-75.	2.3	59
151	Uncoupling protein 2-mediated thermogenesis in vulnerable atherosclerotic plaques. EuroIntervention, 2007, 3, 275-279.	1.4	3
152	681 Apoptosis versus active gene transcription in the skeletal muscle of patients with mild to moderate chronic heart failure. Relationship with exercise capacity. European Journal of Heart Failure, Supplement, 2007, 6, 149-149.	0.2	0
153	Comparison of apoptosis detection markers combined with macrophage immunostaining to study phagocytosis of apoptotic cells in situ. Biomarker Insights, 2007, 1, 193-200.	1.0	4
154	Neuroglobin and cytoglobin overexpression protects human SH-SY5Y neuroblastoma cells against oxidative stress-induced cell death. Neuroscience Letters, 2006, 410, 146-151.	1.0	145
155	Comparison of Apoptosis Detection Markers Combined with Macrophage Immunostaining to Study Phagocytosis of Apoptotic Cells in Situ. Biomarker Insights, 2006, 1, 117727190600100.	1.0	1
156	Abstract no.: 10 DNA fragmentation, but not caspase-3 activation or PARP-1 cleavage, combined with macrophage immunostaining as a tool to study phagocytosis of apoptotic cells in situ. Fundamental and Clinical Pharmacology, 2006, 20, 333-333.	1.0	0
157	Dipeptidyl peptidase II and leukocyte cell death. Biochemical Pharmacology, 2006, 72, 70-79.	2.0	21
158	z-VAD-fmk-Induced Non-Apoptotic Cell Death of Macrophages: Possibilities and Limitations for Atherosclerotic Plaque Stabilization. Autophagy, 2006, 2, 312-314.	4.3	30
159	Detection of Autophagy in Tissue by Standard Immunohistochemistry: Possibilities and Limitations. Autophagy, 2006, 2, 55-57.	4.3	61
160	In Situ Detection of Starvation-induced Autophagy. Journal of Histochemistry and Cytochemistry, 2006, 54, 85-96.	1.3	125
161	Macrophages but Not Smooth Muscle Cells Undergo Benzyloxycarbonyl-Val-Ala-dl-Asp(O-Methyl)-Fluoromethylketone-Induced Nonapoptotic Cell Death Depending on Receptor-Interacting Protein 1 Expression: Implications for the Stabilization of Macrophage-Rich Atherosclerotic Plaques. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1356-1364.	1.3	23
162	Transcriptional activity of skeletal muscle in chronic heart failure patients: relationship with functional exercise parameters. European Journal of Cardiovascular Prevention and Rehabilitation, 2006, 13, S9.	3.1	0

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163	Abstract no.: 3 Impaired clearance of apoptotic cells in atherosclerosis. Fundamental and Clinical Pharmacology, 2005, 19, 401-401.	1.0	0
164	Amino Acid Deprivation Induces Both Apoptosis and Autophagy in Murine C2C12 Muscle Cells. Biotechnology Letters, 2005, 27, 1157-1163.	1.1	53
165	Phagocytosis of Apoptotic Cells by Macrophages Is Impaired in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1256-1261.	1.1	407
166	RNA Damage in Human Atherosclerosis: Pathophysiological Significance and Implications for Gene Expression Studies. RNA Biology, 2005, 2, 4-7.	1.5	27
167	mRNA but not plasmid DNA is efficiently transfected in murine J774A.1 macrophages. Biochemical and Biophysical Research Communications, 2005, 327, 356-360.	1.0	34
168	Cytosolic prostaglandin E2 synthase/p23 but not apoptosis-linked gene 2 is downregulated in human atherosclerotic plaques. Cardiovascular Research, 2004, 61, 360-361.	1.8	0
169	7-Ketocholesterol Induces Protein Ubiquitination, Myelin Figure Formation, and Light Chain 3 Processing in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2296-2301.	1.1	120
170	Effect of Non-Steroidal Anti-Inflammatory Drugs on Amyloid-Î² Formation and Macrophage Activation after Platelet Phagocytosis. Journal of Cardiovascular Pharmacology, 2004, 43, 462-470.	0.8	24
171	Immunohistostaining Assays for Detection of Chlamydia pneumoniae in Atherosclerotic Arteries Indicate Cross-Reactions with Nonchlamydial Plaque Constituents. Journal of Clinical Microbiology, 2004, 42, 3219-3224.	1.8	32
172	Reactive oxygen species induce RNA damage in human atherosclerosis. European Journal of Clinical Investigation, 2004, 34, 323-327.	1.7	112
173	Flow cytometric evaluation of a model for phagocytosis of cells undergoing apoptosis. Journal of Immunological Methods, 2004, 287, 101-108.	0.6	37
174	Western blot analysis of a limited number of cells: a valuable adjunct to proteome analysis of paraffin wax-embedded, alcohol-fixed tissue after laser capture microdissection. Journal of Pathology, 2004, 202, 382-388.	2.1	33
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