Guido R Y De Meyer

List of Publications by Year
in descending order

251	16,795	25034 57	16650 123
papers	citations	h-index	g-index

254	254	254	26898
all docs	docs citations	times ranked	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.	7.2	11
2	Autophagy in the vasculature. , 2022, , 257-268.		0
3	Age-related cognitive decline in spatial learning and memory of C57BL/6J mice. Behavioural Brain Research, 2022, 418, 113649.	2.2	14
4	Mouse aortic biomechanics are affected by short-term defective autophagy in vascular smooth muscle cells. Journal of Physiological Sciences, 2022, 72, 7.	2.1	3
5	Short-Term Pharmacological Induction of Arterial Stiffness and Hypertension with Angiotensin II Does Not Affect Learning and Memory and Cerebral Amyloid Load in Two Murine Models of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 2738.	4.1	1
6	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.	4.1	2
7	Endothelial dysfunction aggravates arterial media calcification in warfarin administered rats. FASEB Journal, 2022, 36, e22315.	0.5	6
8	The Impact of RIPK1 Kinase Inhibition on Atherogenesis: A Genetic and a Pharmacological Approach. Biomedicines, 2022, 10, 1016.	3.2	4
9	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.	2.8	4
10	Gasdermin D Deficiency Limits the Transition of Atherosclerotic Plaques to an Inflammatory Phenotype in ApoE Knock-Out Mice. Biomedicines, 2022, 10, 1171.	3.2	20
11	Progressive aortic stiffness in aging C57Bl/6 mice displays altered contractile behaviour and extracellular matrix changes. Communications Biology, 2022, 5, .	4.4	12
12	Qualitative study of medication review in Flanders, Belgium among community pharmacists and general practitioners. International Journal of Clinical Pharmacy, 2021, 43, 1173-1182.	2.1	12
13	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.	3.5	16
14	Impact of myeloid RIPK1 gene deletion on atherogenesis in ApoE-deficient mice. Atherosclerosis, 2021, 322, 51-60.	0.8	10
15	The PFKFB3 Inhibitor AZ67 Inhibits Angiogenesis Independently of Glycolysis Inhibition. International Journal of Molecular Sciences, 2021, 22, 5970.	4.1	14
16	Neuregulin-1 compensates for endothelial nitric oxide synthase deficiency. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H2416-H2428.	3.2	8
17	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.	4.1	11
18	Doxorubicin induces arterial stiffness: A comprehensive in vivo and ex vivo evaluation of vascular toxicity in mice. Toxicology Letters, 2021, 346, 23-33.	0.8	15

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19	Altered stress hormone levels affect in vivo vascular function in the hAPP23+/- overexpressing mouse model of Alzheimer's disease. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H905-H919.	3.2	2
20	High Pulsatile Load Decreases Arterial Stiffness: An ex vivo Study. Frontiers in Physiology, 2021, 12, 741346.	2.8	7
21	Endothelial Contribution to Warfarin-Induced Arterial Media Calcification in Mice. International Journal of Molecular Sciences, 2021, 22, 11615.	4.1	7
22	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.	2.8	5
23	Doxorubicin Impairs Smooth Muscle Cell Contraction: Novel Insights in Vascular Toxicity. International Journal of Molecular Sciences, 2021, 22, 12812.	4.1	13
24	Long-Term Pharmacological Inhibition of the Activity of All NOS Isoforms Rather Than Genetic Knock-Out of Endothelial NOS Leads to Impaired Spatial Learning and Memory in C57BL/6 Mice. Biomedicines, 2021, 9, 1905.	3.2	5
25	Skin thickness measurements for optimal intradermal injections in children. Vaccine, 2020, 38, 763-768.	3.8	6
26	Defective Autophagy in Vascular Smooth Muscle Cells Alters Vascular Reactivity of the Mouse Femoral Artery. Frontiers in Physiology, 2020, 11, 548943.	2.8	5
27	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.	4.1	7
28	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.	2.8	15
29	Partial Inhibition of Glycolysis Reduces Atherogenesis Independent of Intraplaque Neovascularization in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1168-1181.	2.4	30
30	INSPIRE: A European training network to foster research and training in cardiovascular safety pharmacology. Journal of Pharmacological and Toxicological Methods, 2020, 105, 106889.	0.7	4
31	Three-Dimensional Imaging of Intraplaque Neovascularization in a Mouse Model of Advanced Atherosclerosis. Journal of Vascular Research, 2020, 57, 348-354.	1.4	6
32	Small molecule 3PO inhibits glycolysis but does not bind to 6â€phosphofructoâ€2â€kinase/fructoseâ€2,6â€bisphosphataseâ€3 (PFKFB3). FEBS Letters, 2020, 594, 3067-3075.	2.8	20
33	[¹⁸F]ZCDD083: A PFKFB3-Targeted PET Tracer for Atherosclerotic Plaque Imaging. ACS Medicinal Chemistry Letters, 2020, 11, 933-939.	2.8	6
34	Autophagy as an emerging therapeutic target for age-related vascular pathologies. Expert Opinion on Therapeutic Targets, 2020, 24, 131-145.	3.4	14
35	Pharmacological strategies to inhibit intra-plaque angiogenesis in atherosclerosis. Vascular Pharmacology, 2019, 112, 72-78.	2.1	39
36	D Imaging Of Intraplaque Neovascularization In Two Mouse Models Of Advanced Atherosclerosis Using Three-Dimensional Imaging Of Solvent Cleared Organs (Idisco) Technology. Atherosclerosis, 2019, 287, e96.	0.8	0

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37	Nitric oxide donor molsidomine favors features of atherosclerotic plaque stability and reduces myocardial infarction in mice. Vascular Pharmacology, 2019, 118-119, 106561.	2.1	14
38	Macrophage Death as a Pharmacological Target in Atherosclerosis. Frontiers in Pharmacology, 2019, 10, 306.	3.5	152
39	Vascular smooth muscle cell contraction and relaxation in the isolated aorta: a critical regulator of large artery compliance. Physiological Reports, 2019, 7, e13934.	1.7	41
40	Dietary Polyphenols Targeting Arterial Stiffness: Interplay of Contributing Mechanisms and Gut Microbiome-Related Metabolism. Nutrients, 2019, 11, 578.	4.1	43
41	Synthesis and evaluation of novel benzotropolones as Atg4B inhibiting autophagy blockers. Bioorganic Chemistry, 2019, 87, 163-168.	4.1	10
42	Hormonal contraception without a prescription: opinions of pharmacists, general practitioners and gynaecologists in Flanders, Belgium. European Journal of Contraception and Reproductive Health Care, 2019, 24, 85-96.	1.5	6
43	Everolimus depletes plaque macrophages, abolishes intraplaque neovascularization and improves survival in mice with advanced atherosclerosis. Vascular Pharmacology, 2019, 113, 70-76.	2.1	24
44	Vascular smooth muscle cell death, autophagy and senescence in atherosclerosis. Cardiovascular Research, 2018, 114, 622-634.	3.8	356
45	Novel drug discovery strategies for atherosclerosis that target necrosis and necroptosis. Expert Opinion on Drug Discovery, 2018, 13, 477-488.	5.0	23
46	Neuregulin-1 attenuates stress-induced vascular senescence. Cardiovascular Research, 2018, 114, 1041-1051.	3.8	32
47	mTOR Inhibition and Cardiovascular Diseases. Transplantation, 2018, 102, S44-S46.	1.0	80
48	Cytoprotective effects of transgenic neuroglobin overexpression in an acute and chronic mouse model of ischemic heart disease. Heart and Vessels, 2018, 33, 80-88.	1.2	10
49	Axitinib attenuates intraplaque angiogenesis, haemorrhages and plaque destabilization in mice. Vascular Pharmacology, 2018, 100, 34-40.	2.1	21
50	Macrophage-specific RIP1 deletion reduces necrotic core formation in atherosclerotic plaques of APOE knockout mice. Atherosclerosis, 2018, 275, e13.	0.8	0
51	Defective Autophagy in Atherosclerosis: To Die or to Senesce?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	113
52	Cellular senescence links aging and diabetes in cardiovascular disease. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H448-H462.	3.2	71
53	Ocular Phenotype of Mice with Impaired Fibrillin-1 Function on Hypercholesterolemic Apolipoprotein E-Deficient Background. Current Trends in Ophthalmology, 2018, 1, 75-79.	0.1	0
54	Impact of Dietary Polyphenols on Arterial Stiffness. , 2018, , 63-106.		0

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55	Evaluating the implementation fidelity of New Medicines Service for asthma patients in community pharmacies in Belgium. Research in Social and Administrative Pharmacy, 2017, 13, 98-108.	3.0	15
56	Animal models of atherosclerosis. European Journal of Pharmacology, 2017, 816, 3-13.	3.5	385
57	Endothelial Senescence Contributes to Heart Failure With Preserved Ejection Fraction in an Aging Mouse Model. Circulation: Heart Failure, 2017, 10, .	3.9	112
58	ATG4B inhibitors with a benzotropolone core structure block autophagy and augment efficiency of chemotherapy in mice. Biochemical Pharmacology, 2017, 138, 150-162.	4.4	61
59	Inhibition of VEGF receptor signaling attenuates intraplaque angiogenesis and plaque destabilization in a mouse model of advanced atherosclerosis. Atherosclerosis, 2017, 263, e33-e34.	0.8	2
60	Everolimus attenuates atherosclerotic plaque progression, intraplaque neovascularization, myocardial infarction and sudden death in a mouse model of advanced atherosclerosis. Atherosclerosis, 2017, 263, e59.	0.8	1
61	Inhibitory actions of the NRG-1/ErbB4 pathway in macrophages during tissue fibrosis in the heart, skin, and lung. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H934-H945.	3.2	63
62	High frequency ultrasound to assess skin thickness in healthy adults. Vaccine, 2017, 35, 1810-1815.	3.8	57
63	Isometric Stretch Alters Vascular Reactivity of Mouse Aortic Segments. Frontiers in Physiology, 2017, 8, 157.	2.8	19
64	Standard Immunohistochemical Assays to Assess Autophagy in Mammalian Tissue. Cells, 2017, 6, 17.	4.1	22
65	Inhibition of glycolysis reduces intraplaque angiogenesis in a mouse model of advanced atherosclerosis. Atherosclerosis, 2017, 263, e23.	0.8	1
66	Long-Term Depletion of Conventional Dendritic Cells Cannot Be Maintained in an Atherosclerotic Zbtb46-DTR Mouse Model. PLoS ONE, 2017, 12, e0169608.	2.5	9
67	Autophagy in Atherosclerosis. , 2016, , 249-264.		2
68	Linking CD11b⁺Dendritic Cells and Natural Killer T Cells to Plaque Inflammation in Atherosclerosis. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	18
69	Caspase-3 Deletion Promotes Necrosis in Atherosclerotic Plaques of ApoE Knockout Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	4.0	428
70	Uncovering mouse immune cell dynamics in blood and tissue reservoirs during atherogenesis: implications for therapeutic intervention?. Atherosclerosis, 2016, 244, e10.	0.8	0
71	NecroX-7 attenuates atherosclerosis and plaque necrosis in apoe knockout mice. Atherosclerosis, 2016, 244, e6.	0.8	0
72	Intraplaque neovascularization as a novel therapeutic target in advanced atherosclerosis. Expert Opinion on Therapeutic Targets, 2016, 20, 1247-1257.	3.4	29

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73	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.	5.5	19
74	NecroX-7 reduces necrotic core formation in atherosclerotic plaques of Apoe knockout mice. Atherosclerosis, 2016, 252, 166-174.	0.8	17
75	Spermidine reduces lipid accumulation and necrotic core formation inÂatherosclerotic plaques via induction of autophagy. Atherosclerosis, 2016, 251, 319-327.	0.8	62
76	Continuous administration of the mTORC1 inhibitor everolimus induces tolerance and decreases autophagy in mice. British Journal of Pharmacology, 2016, 173, 3359-3371.	5.4	23
77	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.	2.9	36
78	Angiotensin II increases coronary fibrosis, cardiac hypertrophy and the incidence of myocardial infarctions in ApoE^{-/-}Fbn1^{C1039G+/-} mice. Acta Cardiologica, 2016, 71, 483-488.	0.9	2
79	Het begeleidingsgesprek nieuwe medicatie voor astmapatiÃ«nten door apothekers. Huisarts Nu, 2016, 45, 56-62.	0.0	0
80	Potential therapeutic effects of mTOR inhibition in atherosclerosis. British Journal of Clinical Pharmacology, 2016, 82, 1267-1279.	2.4	94
81	The influence of anesthesia and fluidâ€“structure interaction on simulated shear stress patterns in the carotid bifurcation of mice. Journal of Biomechanics, 2016, 49, 2741-2747.	2.1	22
82	Cholesterol-independent effects of atorvastatin prevent cardiovascular morbidity and mortality in a novel murine model of atherosclerotic plaque rupture. Atherosclerosis, 2016, 244, e2-e3.	0.8	1
83	Adiponectin and ischemia-reperfusion injury in ST segment elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 71-76.	1.0	16
84	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
85	Cholesterol-independent effects of atorvastatin prevent cardiovascular morbidity and mortality in a mouse model of atherosclerotic plaque rupture. Vascular Pharmacology, 2016, 80, 50-58.	2.1	31
86	Shear Stress Metrics and Their Relation to Atherosclerosis: An In Vivo Follow-up Study in Atherosclerotic Mice. Annals of Biomedical Engineering, 2016, 44, 2327-2338.	2.5	21
87	Assessment of shear stress related parameters in the carotid bifurcation using mouse-specific FSI simulations. Journal of Biomechanics, 2016, 49, 2135-2142.	2.1	26
88	Effect of angiotensin II-induced arterial hypertension on the voltage-dependent contractions of mouse arteries. Pflugers Archiv European Journal of Physiology, 2016, 468, 257-267.	2.8	17
89	The Dipeptidyl Peptidases 4, 8, and 9 in Mouse Monocytes and Macrophages: DPP8/9 Inhibition Attenuates M1 Macrophage Activation in Mice. Inflammation, 2016, 39, 413-424.	3.8	36
90	Development and Validation of a Histological Method to Measure Microvessel Density in Whole-Slide Images of Cancer Tissue. PLoS ONE, 2016, 11, e0161496.	2.5	36

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91	Cryotherapy increases features of plaque stability in atherosclerotic rabbits. EuroIntervention, 2016, 12, 748-756.	3.2	3
92	Angiotensin II increases coronary fibrosis, cardiac hypertrophy and the incidence of myocardial infarctions in ApoE^{-/-}Fbn1^{C1039G+/-} mice. Acta Cardiologica, 2016, 71, 483-8.	0.9	2
93	Unintended consequences of co-payment regulations in Belgium: the case of atorvastatin. Journal of Pharmaceutical Policy and Practice, 2015, 8, .	2.4	1
94	Consumer Choice Between Common Generic and Brand Medicines in a Country with a Small Generic Market. Journal of Managed Care & Specialty Pharmacy, 2015, 21, 288-296.	0.9	24
95	Vulnerable Plaque Detection and Quantification with Gold Particleâ€“Enhanced Computed Tomography in Atherosclerotic Mouse Models. Molecular Imaging, 2015, 14, 7290.2015.00009.	1.4	12
96	Dissecting out the Complex Ca2+-Mediated Phenylephrine-Induced Contractions of Mouse Aortic Segments. PLoS ONE, 2015, 10, e0121634.	2.5	43
97	Elastic and Muscular Arteries Differ in Structure, Basal NO Production and Voltage-Gated Ca2+-Channels. Frontiers in Physiology, 2015, 6, 375.	2.8	50
98	Medicine price awareness in chronic patients in Belgium. Health Policy, 2015, 119, 217-223.	3.0	3
99	Autophagy in Vascular Disease. Circulation Research, 2015, 116, 468-479.	4.5	236
100	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.	3.2	50
101	Predictive tissue biomarkers for bevacizumab-containing therapy in metastatic colorectal cancer: an update. Expert Review of Molecular Diagnostics, 2015, 15, 399-414.	3.1	8
102	Crosstalk between autophagy and vascular smooth muscle cell senescence: Impact on neointima formation and atherogenesis. Atherosclerosis, 2015, 241, e15.	0.8	0
103	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.	2.1	15
104	Basal activity of voltage-gated Ca2+ channels controls the IP3-mediated contraction by Î±1-adrenoceptor stimulation of mouse aorta segments. European Journal of Pharmacology, 2015, 760, 163-171.	3.5	13
105	Fibrillin-1 impairment enhances bloodâ€“brain barrier permeability and xanthoma formation in brains of apolipoprotein E-deficient mice. Neuroscience, 2015, 295, 11-22.	2.3	14
106	Elastin fragmentation in atherosclerotic mice leads to intraplaque neovascularization, plaque rupture, myocardial infarction, stroke, and sudden death. European Heart Journal, 2015, 36, 1049-1058.	2.2	139
107	Defective autophagy in vascular smooth muscle cells accelerates senescence and promotes neointima formation and atherogenesis. Autophagy, 2015, 11, 2014-2032.	9.1	229
108	Chronic intermittent mental stress promotes atherosclerotic plaque vulnerability, myocardial infarction and sudden death in mice. Atherosclerosis, 2015, 242, 288-294.	0.8	42

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109	P1.3 A NEW DYNAMIC ORGAN BATH SETUP TO ASSESS ISOBARIC STIFFNESS PARAMETERS OF PERIODICALLY STRETCHED ISOLATED MOUSE AORTIC SEGMENTS. Artery Research, 2015, 12, 3.	0.6	0
110	AutoTag and AutoSnap: Standardized, semi-automatic capture of regions of interest from whole slide images. MethodsX, 2015, 2, 272-277.	1.6	3
111	Development of atherosclerotic plaques in a mouse model of pseudoxanthoma elasticum. Acta Cardiologica, 2014, 69, 687-692.	0.9	2
112	Improved Animal Models for Testing Gene Therapy for Atherosclerosis. Human Gene Therapy Methods, 2014, 25, 106-114.	2.1	6
113	mTOR inhibition: A promising strategy for stabilization of atherosclerotic plaques. Atherosclerosis, 2014, 233, 601-607.	0.8	162
114	Longitudinal follow-up of ascending versus abdominal aortic aneurysm formation in angiotensin II-infused ApoEâ^'/â^' mice. Artery Research, 2014, 8, 16.	0.6	4
115	The Role of Autophagy in Atherosclerosis. , 2014, , 79-90.		0
116	TCT-438 Acute and chronic effects of cryotherapy on atherosclerotic plaque composition in the thoracic aorta of cholesterol-fed rabbits: a potential solution for treatment of plaques. Journal of the American College of Cardiology, 2014, 64, B128.	2.8	0
117	Methods to Assess Autophagy In Situâ€"Transmission Electron Microscopy Versus Immunohistochemistry. Methods in Enzymology, 2014, 543, 89-114.	1.0	53
118	L-type Ca2+ channel blockers inhibit the window contraction of mouse aorta segments with high affinity. European Journal of Pharmacology, 2014, 738, 170-178.	3.5	15
119	Effect of mental stress on atherosclerotic plaque vulnerability, myocardial infarction and survival in mice. Atherosclerosis, 2014, 235, e116-e117.	0.8	0
120	Aging-Related Changes in Cell Death and Cell Survival Pathways and Implications for Heart Failure Therapy. , 2014, , 339-349.		0
121	Dipeptidyl peptidases in atherosclerosis: expression and role in macrophage differentiation, activation and apoptosis. Basic Research in Cardiology, 2013, 108, 350.	5.9	71
122	Drug-induced macrophage autophagy in atherosclerosis: for better or worse?. Basic Research in Cardiology, 2013, 108, 321.	5.9	46
123	Immunohistochemical analysis of macroautophagy. Autophagy, 2013, 9, 386-402.	9.1	67
124	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.	1.9	7
125	Dendritic Cells in Atherogenesis: From Immune Shapers to Therapeutic Targets. , 2013, , .		1
126	Everolimus Triggers Cytokine Release by Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1228-1235.	2.4	26

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127	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
128	Molecular and cellular mechanisms of macrophage survival in atherosclerosis. Basic Research in Cardiology, 2012, 107, 297.	5.9	31
129	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.	3.5	22
130	Pharmaceutical Countermeasures Have Opposite Effects on the Utricles and Semicircular Canals in Man. Audiology and Neuro-Otology, 2012, 17, 235-242.	1.3	8
131	Evaluation of the Anti-angiogenic Activity of Saponins from Maesa lanceolata by Different Assays. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	5
132	Toll-like receptor 7 stimulation by imiquimod induces macrophage autophagy and inflammation in atherosclerotic plaques. Basic Research in Cardiology, 2012, 107, 269.	5.9	54
133	A novel plaque rupture model in mice. Vascular Pharmacology, 2012, 56, 313.	2.1	0
134	Therapeutic strategies to deplete macrophages in atherosclerotic plaques. British Journal of Clinical Pharmacology, 2012, 74, 246-263.	2.4	23
135	Potential impact of policy regulation and generic competition on sales of cholesterol lowering medication, antidepressants and acid blocking agents in Belgium. Acta Clinica Belgica, 2012, 67, 160-71.	1.2	13
136	Expression and spatial heterogeneity of dipeptidyl peptidases in endothelial cells of conduct vessels and capillaries. Biological Chemistry, 2011, 392, 189-98.	2.5	66
137	369 NUMERICAL AND FUNCTIONAL DEFECTS OF CIRCULATING DENDRITIC CELLS IN PATIENTS WITH CORONARY ARTERY DISEASE. Atherosclerosis Supplements, 2011, 12, 79.	1.2	0
138	Attenuated atherogenesis in apolipoprotein E-deficient mice lacking amyloid precursor protein. Atherosclerosis, 2011, 216, 54-58.	0.8	23
139	Decreased numbers of peripheral blood dendritic cells in patients with coronary artery disease are associated with diminished plasma Flt3 ligand levels and impaired plasmacytoid dendritic cell function. Clinical Science, 2011, 120, 415-426.	4.3	35
140	Immunohistochemical characterisation of dendritic cells in human atherosclerotic lesions: possible pitfalls. Pathology, 2011, 43, 239-247.	0.6	34
141	Inhibition of inositol monophosphatase by lithium chloride induces selective macrophage apoptosis in atherosclerotic plaques. British Journal of Pharmacology, 2011, 162, 1410-1423.	5.4	32
142	Pharmacological modulation of cell death in atherosclerosis: a promising approach towards plaque stabilization?. British Journal of Pharmacology, 2011, 164, 1-13.	5.4	64
143	Autophagy in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2787-2791.	2.4	160
144	Necrotic cell death in atherosclerosis. Basic Research in Cardiology, 2011, 106, 749-760.	5.9	101

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145	Effect of Statins on the Viability of Macrophages and Smooth Muscle Cells. Journal of Cardiovascular Pharmacology, 2010, 55, 269-275.	1.9	17
146	Study of potential systemic oxidative stress animal models for the evaluation of antioxidant activity: status of lipid peroxidation and fat-soluble antioxidants. Journal of Pharmacy and Pharmacology, 2010, 59, 131-136.	2.4	18
147	Multi-slice computed tomography with N1177 identifies ruptured atherosclerotic plaques in rabbits. Basic Research in Cardiology, 2010, 105, 51-59.	5.9	28
148	Proteasome inhibitor bortezomib promotes a rupture-prone plaque phenotype in ApoE-deficient mice. Basic Research in Cardiology, 2010, 105, 39-50.	5.9	28
149	Role of autophagy in heart failure associated with aging. Heart Failure Reviews, 2010, 15, 423-430.	3.9	103
150	Expression of dendritic cell markers CD11c/BDCA-1 and CD123/BDCA-2 in coronary artery disease upon activation in whole blood. Journal of Immunological Methods, 2010, 362, 168-175.	1.4	20
151	Transglutaminase 2 Deficiency Decreases Plaque Fibrosis and Increases Plaque Inflammation in Apolipoprotein-E-Deficient Mice. Journal of Vascular Research, 2010, 47, 231-240.	1.4	23
152	Cell Deathâ€“Mediated Cleavage of the Attraction Signal p43 in Human Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1415-1422.	2.4	8
153	In vivo antioxidative activity of a quantified Pueraria lobata root extract. Journal of Ethnopharmacology, 2010, 127, 112-117.	4.1	84
154	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.	1.7	12
155	Autophagy in Atherosclerosis. Circulation Research, 2009, 104, 304-317.	4.5	333
156	Impaired Fibrillin-1 Function Promotes Features of Plaque Instability in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2009, 120, 2478-2487.	1.6	81
157	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.	2.5	52
158	Autophagy in the cardiovascular system. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1485-1495.	4.1	148
159	Phagocytosis of bacteria is enhanced in macrophages undergoing nutrient deprivation. FEBS Journal, 2009, 276, 2227-2240.	4.7	27
160	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.	3.8	1
161	Autophagy in disease: a double-edged sword with therapeutic potential. Clinical Science, 2009, 116, 697-712.	4.3	161
162	Validation of in vivo plaque characterisation by virtual histology in a rabbit model of atherosclerosis. EuroIntervention, 2009, 5, 149-156.	3.2	41

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163	Phagocytosis of Dying Cells in the Pathogenesis of Atherosclerosis. , 2009, , 371-392.		0
164	Pitfalls in testing saponins for their anti-angiogenic activity: comparison of test systems. Planta Medica, 2009, 75, .	1.3	0
165	Autophagy in atherosclerosis. Current Atherosclerosis Reports, 2008, 10, 216-223.	4.8	89
166	Cyanide and uncoupling protein function: reply. Cardiovascular Research, 2008, 78, 198-198.	3.8	0
167	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.	2.5	31
168	Mitochondrial uncoupling protein 2 mediates temperature heterogeneity in atherosclerotic plaques. Cardiovascular Research, 2007, 77, 425-431.	3.8	17
169	Everolimus-Induced mTOR Inhibition Selectively Depletes Macrophages in Atherosclerotic Plaques by Autophagy. Autophagy, 2007, 3, 241-244.	9.1	85
170	Selective Clearance of Macrophages in Atherosclerotic Plaques by the Protein Synthesis Inhibitor Cycloheximide. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 986-993.	2.5	42
171	Selective Depletion of Macrophages in Atherosclerotic Plaques. Circulation Research, 2007, 100, 751-753.	4.5	14
172	Phagocytosis in atherosclerosis: Molecular mechanisms and implications for plaque progression and stability. Cardiovascular Research, 2007, 73, 470-480.	3.8	228
173	Autophagy in cardiovascular disease. Trends in Molecular Medicine, 2007, 13, 482-491.	6.7	144
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