

Qingping Feng

List of Publications by Year in descending order

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119
papers

4,452
citations

126907

33
h-index

128289

60
g-index

122
all docs

122
docs citations

122
times ranked

5882
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Inducible Nitric Oxide Synthase Expression Contributes to Myocardial Dysfunction and Higher Mortality After Myocardial Infarction in Mice. <i>Circulation</i> , 2001, 104, 700-704.	1.6	275
2	Development of Heart Failure and Congenital Septal Defects in Mice Lacking Endothelial Nitric Oxide Synthase. <i>Circulation</i> , 2002, 106, 873-879.	1.6	214
3	miR133a regulates cardiomyocyte hypertrophy in diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2010, 26, 40-49.	4.0	179
4	Rac1 Is Required for Cardiomyocyte Apoptosis During Hyperglycemia. <i>Diabetes</i> , 2009, 58, 2386-2395.	0.6	162
5	Tumor necrosis factor- α induces apoptosis via inducible nitric oxide synthase in neonatal mouse cardiomyocytes. <i>Cardiovascular Research</i> , 2000, 45, 595-602.	3.8	159
6	Modulation of apoptosis by nitric oxide: implications in myocardial ischemia and heart failure. , 2005, 106, 147-162.		157
7	Erythropoietin protects cardiomyocytes from apoptosis via up-regulation of endothelial nitric oxide synthase. <i>Cardiovascular Research</i> , 2006, 72, 51-59.	3.8	137
8	In vivo TNF- α inhibition ameliorates cardiac mitochondrial dysfunction, oxidative stress, and apoptosis in experimental heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1813-H1820.	3.2	129
9	Erythropoietin prevents the acute myocardial inflammatory response induced by ischemia/reperfusion via induction of AP-1. <i>Cardiovascular Research</i> , 2005, 65, 719-727.	3.8	128
10	Fasudil, a Rho-Kinase Inhibitor, Attenuates Angiotensin II-Induced Abdominal Aortic Aneurysm in Apolipoprotein E-Deficient Mice by Inhibiting Apoptosis and Proteolysis. <i>Circulation</i> , 2005, 111, 2219-2226.	1.6	127
11	Pivotal Role of gp91 ^{phox} -Containing NADH Oxidase in Lipopolysaccharide-Induced Tumor Necrosis Factor- α Expression and Myocardial Depression. <i>Circulation</i> , 2005, 111, 1637-1644.	1.6	122
12	Neuronal Nitric Oxide Synthase Protects Against Myocardial Infarction-Induced Ventricular Arrhythmia and Mortality in Mice. <i>Circulation</i> , 2009, 120, 1345-1354.	1.6	112
13	Deficiency in endothelial nitric oxide synthase impairs myocardial angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H2371-H2378.	3.2	101
14	Calpain activation contributes to hyperglycaemia-induced apoptosis in cardiomyocytes. <i>Cardiovascular Research</i> , 2009, 84, 100-110.	3.8	96
15	Inhibition of p38 MAPK decreases myocardial TNF-alpha expression and improves myocardial function and survival in endotoxemia. <i>Cardiovascular Research</i> , 2003, 59, 893-900.	3.8	90
16	N-Acetylcysteine prevents congenital heart defects induced by pregestational diabetes. <i>Cardiovascular Diabetology</i> , 2014, 13, 46.	6.8	84
17	Endothelial Nitric-oxide Synthase Enhances Lipopolysaccharide-stimulated Tumor Necrosis Factor- α Expression via cAMP-mediated p38 MAPK Pathway in Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 8099-8105.	3.4	68
18	NOX2 Deficiency Protects Against Streptozotocin-Induced β -Cell Destruction and Development of Diabetes in Mice. <i>Diabetes</i> , 2010, 59, 2603-2611.	0.6	60

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19	Molecular Basis of Cardioprotection by Erythropoietin. <i>Current Molecular Pharmacology</i> , 2009, 2, 56-69.	1.5	52
20	Endothelial Nitric Oxide Synthase Promotes Bone Marrow Stromal Cell Migration to the Ischemic Myocardium via Upregulation of Stromal Cell-Derived Factor-1 α . <i>Stem Cells</i> , 2009, 27, 961-970.	3.2	52
21	NADH oxidase signaling induces cyclooxygenase α 2 expression during lipopolysaccharide stimulation in cardiomyocytes. <i>FASEB Journal</i> , 2005, 19, 1-25.	0.5	51
22	JNK1/c-fos inhibits cardiomyocyte TNF- α expression via a negative crosstalk with ERK and p38 MAPK in endotoxaemia. <i>Cardiovascular Research</i> , 2008, 81, 733-741.	3.8	50
23	Cardiomyocyte-Specific Overexpression of Human Stem Cell Factor Improves Cardiac Function and Survival After Myocardial Infarction in Mice. <i>Circulation</i> , 2009, 120, 1065-1074.	1.6	48
24	Paracrine GABA and insulin regulate pancreatic alpha cell proliferation in a mouse model of type 1 diabetes. <i>Diabetologia</i> , 2017, 60, 1033-1042.	6.3	47
25	Cardiac myocytes exposed to anoxia-reoxygenation promote neutrophil transendothelial migration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H440-H447.	3.2	42
26	NOing the heart: Role of nitric oxide synthase-3 in heart development. <i>Differentiation</i> , 2012, 84, 54-61.	1.9	42
27	Role of heme oxygenase-1 in the cardioprotective effects of erythropoietin during myocardial ischemia and reperfusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H84-H93.	3.2	41
28	Calpain-1 induces apoptosis in pulmonary microvascular endothelial cells under septic conditions. <i>Microvascular Research</i> , 2009, 78, 33-39.	2.5	41
29	Cardiac acetylcholine inhibits ventricular remodeling and dysfunction under pathologic conditions. <i>FASEB Journal</i> , 2016, 30, 688-701.	0.5	39
30	Longitudinal Follow-up of Cardiac Structure and Functional Changes in an Infarct Mouse Model Using Retrospectively Gated Micro-Computed Tomography. <i>Investigative Radiology</i> , 2008, 43, 520-529.	6.2	38
31	Tissue inhibitor of metalloproteinase-3 inhibits neonatal mouse cardiomyocyte proliferation via EGFR/JNK/SP-1 signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C735-C745.	4.6	37
32	Nos3 mutation leads to abnormal neural crest cell and second heart field lineage patterning in bicuspid aortic valve formation. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	37
33	Deficiency in TIMP-3 increases cardiac rupture and mortality post-myocardial infarction via EGFR signaling: beneficial effects of cetuximab. <i>Basic Research in Cardiology</i> , 2011, 106, 459-471.	5.9	36
34	Role of tumor necrosis factor- α in myocardial dysfunction and apoptosis during hindlimb ischemia and reperfusion. <i>Critical Care Medicine</i> , 2006, 34, 484-491.	0.9	35
35	Comparison of Initial Cell Retention and Clearance Kinetics After Subendocardial or Subepicardial Injections of Endothelial Progenitor Cells in a Canine Myocardial Infarction Model. <i>Journal of Nuclear Medicine</i> , 2010, 51, 413-417.	5.0	35
36	Mitogen-activated protein kinase phosphatase-1 inhibits myocardial TNF- α expression and improves cardiac function during endotoxemia. <i>Cardiovascular Research</i> , 2012, 93, 471-479.	3.8	32

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37	Rac1 Signaling Is Critical to Cardiomyocyte Polarity and Embryonic Heart Development. <i>Journal of the American Heart Association</i> , 2014, 3, e001271.	3.7	32
38	Lack of endothelial nitric oxide synthase decreases cardiomyocyte proliferation and delays cardiac maturation. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C1240-C1246.	4.6	31
39	Erythropoietin Protects the Heart from Ventricular Arrhythmia during Ischemia and Reperfusion via Neuronal Nitric-Oxide Synthase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 900-907.	2.5	31
40	Structural elements of stromal interaction molecule function. <i>Cell Calcium</i> , 2018, 73, 88-94.	2.4	30
41	Early and persistent activation of myocardial apoptosis, bax and caspases: insights into mechanisms of progression of heart failure. <i>Pathophysiology</i> , 2002, 8, 183-192.	2.2	29
42	Beyond erythropoiesis: The anti-inflammatory effects of erythropoietin. <i>Cardiovascular Research</i> , 2006, 71, 615-617.	3.8	29
43	Endothelial nitric oxide synthase deficiency in mice results in reduced chondrocyte proliferation and endochondral bone growth. <i>Arthritis and Rheumatism</i> , 2010, 62, 2013-2022.	6.7	29
44	Recombinant Human Annexin A5 Inhibits Proinflammatory Response and Improves Cardiac Function and Survival in Mice With Endotoxemia*. <i>Critical Care Medicine</i> , 2014, 42, e32-e41.	0.9	29
45	Say NO to ROS: Their Roles in Embryonic Heart Development and Pathogenesis of Congenital Heart Defects in Maternal Diabetes. <i>Antioxidants</i> , 2019, 8, 436.	5.1	29
46	Increased L-arginine uptake and inducible nitric oxide synthase activity in aortas of rats with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H859-H867.	3.2	28
47	Endogenous heme oxygenase induction is a critical mechanism attenuating apoptosis and restoring microvascular perfusion following limb ischemia/reperfusion. <i>Surgery</i> , 2004, 136, 67-75.	1.9	28
48	Transfusion of fresh but not old stored blood reduces infarct size and improves cardiac function after acute myocardial infarction in anemic rats*. <i>Critical Care Medicine</i> , 2012, 40, 740-746.	0.9	28
49	Nitric oxide synthase-3 deficiency results in hypoplastic coronary arteries and postnatal myocardial infarction. <i>European Heart Journal</i> , 2014, 35, 920-931.	2.2	28
50	Maternal voluntary exercise mitigates oxidative stress and incidence of congenital heart defects in pre-gestational diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5553-5565.	3.6	28
51	Transfusion of Fresh but Not Stored Blood Reduces Infarct Size and Improves Cardiac Function Following Acute Myocardial Infarction In Anemic Rats. <i>Blood</i> , 2010, 116, 661-661.	1.4	28
52	Inhibition of Na/K-ATPase promotes myocardial tumor necrosis factor-alpha protein expression and cardiac dysfunction via calcium/mTOR signaling in endotoxemia. <i>Basic Research in Cardiology</i> , 2012, 107, 254.	5.9	27
53	Pregestational Diabetes Induces Fetal Coronary Artery Malformation via Reactive Oxygen Species Signaling. <i>Diabetes</i> , 2015, 64, 1431-1443.	0.6	27
54	Myocardial Infarction in Neonatal Mice, A Model of Cardiac Regeneration. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	26

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55	Voluntary running exercise protects against sepsis-induced early inflammatory and pro-coagulant responses in aged mice. <i>Critical Care</i> , 2017, 21, 210.	5.8	26
56	Delayed preconditioning in cardiac myocytes with respect to development of a proinflammatory phenotype: role of SOD and NOS. <i>Cardiovascular Research</i> , 2003, 59, 901-911.	3.8	25
57	Cardiac repair by epicardial EMT: Current targets and a potential role for the primary cilium. , 2018, 186, 114-129.		25
58	Blunted Renal Response to Atrial Natriuretic Peptide in Congestive Heart Failure Rats Is Reversed by the β_2 -Adrenergic Agonist Clonidine. <i>Journal of Cardiovascular Pharmacology</i> , 1990, 16, 776-782.	1.9	24
59	Role of neuronal nitric oxide synthase in lipopolysaccharide-induced tumor necrosis factor-alpha expression in neonatal mouse cardiomyocytes. <i>Cardiovascular Research</i> , 2007, 75, 408-416.	3.8	24
60	North American ginseng protects the heart from ischemia and reperfusion injury via upregulation of endothelial nitric oxide synthase. <i>Pharmacological Research</i> , 2011, 64, 195-202.	7.1	24
61	Inducible nitric oxide synthase-mediated nitric oxide signaling mediates the mitogenic activity of Rac1 during endochondral bone growth. <i>Journal of Cell Science</i> , 2011, 124, 3405-3413.	2.0	24
62	Endothelial nitric oxide synthase promotes neonatal cardiomyocyte proliferation by inhibiting tissue inhibitor of metalloproteinase-3 expression. <i>Cardiovascular Research</i> , 2007, 75, 359-368.	3.8	23
63	Disruption of phospholipase $\text{C}\alpha_1$ signalling attenuates cardiac tumor necrosis factor- α expression and improves myocardial function during endotoxemia. <i>Cardiovascular Research</i> , 2008, 78, 90-97.	3.8	23
64	Mammalian Numb-interacting Protein 1/Dual Oxidase Maturation Factor 1 Directs Neuronal Fate in Stem Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 17974-17985.	3.4	23
65	Nitric oxide and calcium signaling regulate myocardial tumor necrosis factor- α expression and cardiac function in sepsis This article is one of a selection of papers published in this special issue on Calcium Signaling.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 92-104.	1.4	22
66	Cardiac-Specific Overexpression of Human Stem Cell Factor Promotes Epicardial Activation and Arteriogenesis After Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2014, 7, 831-842.	3.9	22
67	Sapropterin Treatment Prevents Congenital Heart Defects Induced by Pregestational Diabetes Mellitus in Mice. <i>Journal of the American Heart Association</i> , 2018, 7, e009624.	3.7	22
68	Effects of L-arginine on endothelial and cardiac function in rats with heart failure. <i>European Journal of Pharmacology</i> , 1999, 376, 37-44.	3.5	21
69	S-Nitrosylation of STIM1 by Neuronal Nitric Oxide Synthase Inhibits Store-Operated Ca^{2+} Entry. <i>Journal of Molecular Biology</i> , 2018, 430, 1773-1785.	4.2	21
70	Overexpression of protein kinase $\text{C}\delta$ enhances lipopolysaccharide-induced nitric oxide formation in vascular smooth muscle cells. , 1998, 176, 402-411.		20
71	Type I Collagen Cleavage Is Essential for Effective Fibrotic Repair after Myocardial Infarction. <i>American Journal of Pathology</i> , 2011, 179, 2189-2198.	3.8	20
72	Nitric Oxide Synthase-3 Promotes Embryonic Development of Atrioventricular Valves. <i>PLoS ONE</i> , 2013, 8, e77611.	2.5	20

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73	Abrupt Reoxygenation of Microvascular Endothelial Cells After Hypoxia Activates ERK1/2 and JNK1, Leading to NADPH Oxidase-Dependent Oxidant Production. <i>Microcirculation</i> , 2007, 14, 125-136.	1.8	19
74	Reduced chondrocyte proliferation, earlier cell cycle exit and increased apoptosis in neuronal nitric oxide synthase-deficient mice. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 144-151.	1.3	19
75	Rac1 Signaling Is Required for Anterior Second Heart Field Cellular Organization and Cardiac Outflow Tract Development. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	19
76	Venous neuropeptide Y receptor responsiveness in patients with chronic heart failure. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 67, 292-298.	4.7	18
77	Rac1 activation induces tumour necrosis factor- α expression and cardiac dysfunction in endotoxemia. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1109-1121.	3.6	18
78	Therapeutic Potential of Annexins in Sepsis and COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 735472.	3.5	17
79	Nitric oxide depresses connexin 43 after myocardial infarction in mice. <i>Acta Physiologica</i> , 2008, 194, 23-33.	3.8	16
80	North American ginseng inhibits myocardial NOX2-ERK1/2 signaling and tumor necrosis factor- α expression in endotoxemia. <i>Pharmacological Research</i> , 2016, 111, 217-225.	7.1	16
81	Ascorbate inhibits platelet-endothelial adhesion in an in-vitro model of sepsis via reduced endothelial surface P-selectin expression. <i>Blood Coagulation and Fibrinolysis</i> , 2017, 28, 28-33.	1.0	16
82	A charge-sensing region in the stromal interaction molecule 1 luminal domain confers stabilization-mediated inhibition of SOCE in response to S-nitrosylation. <i>Journal of Biological Chemistry</i> , 2018, 293, 8900-8911.	3.4	16
83	Inhibition of Endothelin (ET-1) Induced Pressor Responses by the Endothelin (ETA) Receptor Antagonist FR139317 in the Pithed Rat. <i>Blood Pressure</i> , 1992, 1, 108-112.	1.5	14
84	Cardiomyocyte specific overexpression of a 37 amino acid domain of regulator of G protein signalling 2 inhibits cardiac hypertrophy and improves function in response to pressure overload in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 108, 194-202.	1.9	14
85	Maternal diabetes up-regulates NOX2 and enhances myocardial ischaemia/reperfusion injury in adult offspring. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2200-2209.	3.6	13
86	The effects of age on human venous responsiveness to neuropeptide Y. <i>British Journal of Clinical Pharmacology</i> , 1999, 47, 83-89.	2.4	12
87	Postnatal consequences of prenatal cocaine exposure and myocardial apoptosis: does cocaine in utero imperil the adult heart?. <i>British Journal of Pharmacology</i> , 2005, 144, 887-888.	5.4	12
88	p38 mitogen-activated protein kinase protects human retinal pigment epithelial cells exposed to oxidative stress. <i>Canadian Journal of Ophthalmology</i> , 2009, 44, 431-436.	0.7	12
89	The renal stanniocalcin-1 gene is differentially regulated by hypertonicity and hypovolemia in the rat. <i>Molecular and Cellular Endocrinology</i> , 2011, 331, 150-157.	3.2	11
90	Cardiomyocyte-specific overexpression of human stem cell factor protects against myocardial ischemia and reperfusion injury. <i>International Journal of Cardiology</i> , 2013, 168, 3486-3494.	1.7	10

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91	NOX2 Is Critical to Endocardial to Mesenchymal Transition and Heart Development. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	10
92	Comparison of the myocardial clearance of endothelial progenitor cells injected early versus late into reperfused or sustained occlusion myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 497-504.	1.5	9
93	Inhibition of Rac1 reduces store overload-induced calcium release and protects against ventricular arrhythmia. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1513-1522.	3.6	9
94	Effect of liposome-treated red blood cells in an anemic rat model. <i>Journal of Liposome Research</i> , 2017, 27, 56-63.	3.3	9
95	Myocardium-Specific Deletion of Rac1 Causes Ventricular Noncompaction and Outflow Tract Defects. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 29.	1.6	9
96	Erythropoietin is equally effective as fresh-blood transfusion at reducing infarct size in anemic rats. <i>Critical Care Medicine</i> , 2010, 38, 2215-2221.	0.9	8
97	Effects of anemia and blood transfusion in acute myocardial infarction in rats. <i>Transfusion</i> , 2010, 50, 243-251.	1.6	8
98	Deletion of Dual Specificity Phosphatase 1 Does Not Predispose Mice to Increased Spontaneous Osteoarthritis. <i>PLoS ONE</i> , 2015, 10, e0142822.	2.5	7
99	Maternal nicotine exposure induces congenital heart defects in the offspring of mice. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3223-3234.	3.6	6
100	The STIM-Orai Pathway: STIM-Orai Structures: Isolated and in Complex. <i>Advances in Experimental Medicine and Biology</i> , 2017, 993, 15-38.	1.6	5
101	Ablation of both Cx40 and Panx1 results in similar cardiovascular phenotypes exhibited in Cx40 knockout mice. <i>Bioscience Reports</i> , 2019, 39, .	2.4	4
102	Synergistic stabilization by nitrosoglutathione-induced thiol modifications in the stromal interaction molecule-2 luminal domain suppresses basal and store operated calcium entry. <i>Scientific Reports</i> , 2020, 10, 10177.	3.3	4
103	Rapid microcomputed tomography suggests cardiac enlargement occurs during conductance catheter measurements in mice. <i>Journal of Applied Physiology</i> , 2012, 113, 142-148.	2.5	3
104	Sapropterin reduces coronary artery malformation in offspring of pregestational diabetes mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 9-18.	2.7	3
105	Current randomized clinical trials of red cell storage duration and patient outcomes. <i>Critical Care Medicine</i> , 2012, 40, 2927-2928.	0.9	1
106	Targeting Cysteine Thiols for <i>in Vitro</i> Site-specific Glycosylation of Recombinant Proteins. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
107	Effect of Anemia and Red Blood Cell Transfusion in Acute Myocardial Infarction.. <i>Blood</i> , 2007, 110, 454-454.	1.4	1
108	Pivotal role of phospholipase C in cardiac TNF α expression during endotoxemia. <i>FASEB Journal</i> , 2006, 20, A744.	0.5	0

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109	GSK β inactivation in preventing the myocardium from I/R-induced injury: Role of eNOS-derived NO. FASEB Journal, 2006, 20, A317.	0.5	0
110	Erythropoietin Inhibits Anoxia/Reoxygenation-induced Cardiomyocyte Apoptosis via Heme Oxygenase-1. FASEB Journal, 2006, 20, A1462.	0.5	0
111	Microvascular oxygen transport in obese ZDF rats: an early model of type II diabetes. FASEB Journal, 2008, 22, 1141.3.	0.5	0
112	Erythropoietin Is Equally Effective as Blood Transfusion at Reducing Infarct Size in Anemic Rats.. Blood, 2009, 114, 639-639.	1.4	0
113	Coronary artery formation in the offspring of female mice with pregestational diabetes. FASEB Journal, 2011, 25, 1092.8.	0.5	0
114	Decreased coronary artery development in Wt1 heterozygous mice. FASEB Journal, 2011, 25, lb448.	0.5	0
115	MKP1 inhibits myocardial TNF α expression and improves cardiac function in endotoxemia. FASEB Journal, 2012, 26, lb665.	0.5	0
116	Characterization of the Vascular Phenotype of the Equilibrative Nucleoside Transporter 1 Knockout Mouse. FASEB Journal, 2013, 27, lb594.	0.5	0
117	Protective effect of the RGS2 β binding domain (RGS2 eb) in cardiac hypertrophy. FASEB Journal, 2013, 27, 672.5.	0.5	0
118	Hypersensitivity of vascular alpha-adrenoceptor responsiveness: a possible inducer of pain in neuropathic states. Neural Regeneration Research, 2015, 10, 165.	3.0	0
119	Tetrahydrobiopterin Prevents Coronary Artery Malformations Induced by Pregestational Diabetes. FASEB Journal, 2018, 32, 579.1.	0.5	0