

Majid Sheykhzade

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,440
citations

331259

21
h-index

395343

33
g-index

83
all docs

83
docs citations

83
times ranked

1860
citing authors

#	ARTICLE	IF	CITATIONS
1	Diesel exhaust particles induce endothelial dysfunction in apoE ^{-/-} mice. <i>Toxicology and Applied Pharmacology</i> , 2007, 219, 24-32.	1.3	85
2	Pulmonary exposure to carbon black nanoparticles and vascular effects. <i>Particle and Fibre Toxicology</i> , 2010, 7, 33.	2.8	85
3	Modest effect on plaque progression and vasodilatory function in atherosclerosis-prone mice exposed to nanosized TiO ₂ . <i>Particle and Fibre Toxicology</i> , 2011, 8, 32.	2.8	85
4	C-fibers may modulate adjacent A δ -fibers through axon-axon CGRP signaling at nodes of Ranvier in the trigeminal system. <i>Journal of Headache and Pain</i> , 2019, 20, 105.	2.5	72
5	Carbon black nanoparticles and vascular dysfunction in cultured endothelial cells and artery segments. <i>Toxicology Letters</i> , 2012, 214, 19-26.	0.4	58
6	Functional effects of the KCNQ modulators retigabine and XE991 in the rat urinary bladder. <i>European Journal of Pharmacology</i> , 2010, 638, 121-127.	1.7	54
7	VIP/PACAP receptors in cerebral arteries of rat: Characterization, localization and relation to intracellular calcium. <i>Neuropeptides</i> , 2013, 47, 85-92.	0.9	37
8	Evidence for CGRP re α uptake in rat dura mater encephali. <i>British Journal of Pharmacology</i> , 2010, 161, 1885-1898.	2.7	34
9	Pulmonary exposure to particles from diesel exhaust, urban dust or single-walled carbon nanotubes and oxidatively damaged DNA and vascular function in apoE ^{-/-} mice. <i>Nanotoxicology</i> , 2014, 8, 61-71.	1.6	31
10	Telomere length and genotoxicity in the lung of rats following intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Mutagenesis</i> , 2019, 34, 203-214.	1.0	31
11	Characterization of calcitonin gene-related peptide(CGRP) receptors in intramural coronary arteries from male and female Sprague Dawley rats. <i>British Journal of Pharmacology</i> , 1998, 123, 1464-1470.	2.7	28
12	K _v 7 Positive Modulators Reduce Detrusor Overactivity and Increase Bladder Capacity in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 110, 145-153.	1.2	28
13	Synergistic antiarrhythmic effect of combining inhibition of Ca ²⁺ -activated K ⁺ (SK) channels and voltage-gated Na ⁺ channels in an isolated heart model of atrial fibrillation. <i>Heart Rhythm</i> , 2015, 12, 409-418.	0.3	28
14	Mechanism of CGRP-induced relaxation in rat intramural coronary arteries. <i>British Journal of Pharmacology</i> , 2001, 132, 1235-1246.	2.7	27
15	KATP channels in pig and human intracranial arteries. <i>European Journal of Pharmacology</i> , 2008, 601, 43-49.	1.7	27
16	Endothelial Dysfunction in Normal and Prediabetic Rats With Metabolic Syndrome Exposed by Oral Gavage to Carbon Black Nanoparticles. <i>Toxicological Sciences</i> , 2012, 129, 98-107.	1.4	26
17	Bladder contractility is modulated by Kv7 channels in pig detrusor. <i>European Journal of Pharmacology</i> , 2013, 715, 312-320.	1.7	25
18	The effects of CGRP in vascular tissue - Classical vasodilation, shadowed effects and systemic dilemmas. <i>European Journal of Pharmacology</i> , 2020, 881, 173205.	1.7	25

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19	Modest vasomotor dysfunction induced by low doses of C60 fullerenes in apolipoprotein E knockout mice with different degree of atherosclerosis. <i>Particle and Fibre Toxicology</i> , 2009, 6, 5.	2.8	24
20	Heart ischaemiaâ€“reperfusion induces local upâ€“regulation of vasoconstrictor endothelin ET_B receptors in rat coronary arteries downstream of occlusion. <i>British Journal of Pharmacology</i> , 2014, 171, 2726-2738.	2.7	24
21	Differential localization and characterization of functional calcitonin gene-related peptide receptors in human subcutaneous arteries. <i>Acta Physiologica</i> , 2014, 210, 811-822.	1.8	23
22	The effect of long-term streptozotocin-induced diabetes on contractile and relaxation responses of coronary arteries: selective attenuation of CGRP-induced relaxations. <i>British Journal of Pharmacology</i> , 2000, 129, 1212-1218.	2.7	22
23	Calcimimetic, AMG 073, induces relaxation on isolated rat aorta. <i>Vascular Pharmacology</i> , 2007, 47, 222-228.	1.0	22
24	The combined predictive capacity of rat models of algogen-induced and neuropathic hypersensitivity to clinically used analgesics varies with nociceptive endpoint and consideration of locomotor function. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 465-478.	1.3	21
25	Differences in pituitary adenylate cyclase-activating peptide and calcitonin gene-related peptide release in the trigeminovascular system. <i>Cephalalgia</i> , 2020, 40, 1296-1309.	1.8	21
26	Biophysical characterization of KV3.1 potassium channel activating compounds. <i>European Journal of Pharmacology</i> , 2015, 758, 164-170.	1.7	20
27	S-petasin and butterbur lactones dilate vessels through blockage of voltage gated calcium channels and block DNA synthesis. <i>European Journal of Pharmacology</i> , 2008, 593, 79-86.	1.7	18
28	Functional and Molecular Evidence for Kv7 Channel Subtypes in Human Detrusor from Patients with and without Bladder Outflow Obstruction. <i>PLoS ONE</i> , 2015, 10, e0117350.	1.1	18
29	Noncompetitive antagonism of BIBN4096BS on CGRP-induced responses in human subcutaneous arteries. <i>British Journal of Pharmacology</i> , 2004, 143, 1066-1073.	2.7	17
30	Binding and functional pharmacological characteristics of gepant-type antagonists in rat brain and mesenteric arteries. <i>Vascular Pharmacology</i> , 2017, 90, 36-43.	1.0	17
31	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. <i>PLoS ONE</i> , 2016, 11, e0160731.	1.1	17
32	Rapid functional upregulation of vasocontractile endothelin ETB receptors in rat coronary arteries. <i>Life Sciences</i> , 2012, 91, 593-599.	2.0	16
33	Role of pannexin and adenosine triphosphate (ATP) following myocardial ischemia/reperfusion. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 340-343.	0.4	16
34	Neurokinins and their receptors in the rat trigeminal system: Differential localization and release with implications for migraine pain. <i>Molecular Pain</i> , 2021, 17, 174480692110594.	1.0	16
35	Antiarrhythmic Effect of Either Negative Modulation or Blockade of Small Conductance Ca ²⁺ -activated K ⁺ Channels on Ventricular Fibrillation in Guinea Pig Langendorff-perfused Heart. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 294-299.	0.8	15
36	Differential inhibitory response to telcagepant on \pm CGRP induced vasorelaxation and intracellular Ca ²⁺ levels in the perfused and non-perfused isolated rat middle cerebral artery. <i>Journal of Headache and Pain</i> , 2017, 18, 61.	2.5	15

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37	Vascular and molecular pharmacology of the metabolically stable CGRP analogue, SAX. <i>European Journal of Pharmacology</i> , 2018, 829, 85-92.	1.7	15
38	Caliber dependent calcitonin gene-related peptide-induced relaxation in rat coronary arteries: effect of K ⁺ on the tachyphylaxis. <i>European Journal of Pharmacology</i> , 1998, 351, 53-59.	1.7	14
39	Vasomotor function in rat arteries after <i>ex vivo</i> and intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Particle and Fibre Toxicology</i> , 2018, 15, 12.	2.8	14
40	The Effect of KATP Channel Blocker Glibenclamide on CGRP-Induced Headache and Hemodynamic in Healthy Volunteers. <i>Frontiers in Physiology</i> , 2021, 12, 652136.	1.3	14
41	Hepatic Oxidative Stress, Genotoxicity and Vascular Dysfunction in Lean or Obese Zucker Rats. <i>PLoS ONE</i> , 2015, 10, e0118773.	1.1	13
42	Antiarrhythmic effect of the Ca ²⁺ -activated K ⁺ (SK) channel inhibitor ICA combined with either amiodarone or dofetilide in an isolated heart model of atrial fibrillation. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1853-1863.	1.3	13
43	Hypermetabolism and impaired endothelium-dependent vasodilation in mesenteric arteries of type 2 diabetes mellitus db/db mice. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 539-548.	0.9	12
44	Vascular pathology of large cerebral arteries in experimental subarachnoid hemorrhage: Vasoconstriction, functional CGRP depletion and maintained CGRP sensitivity. <i>European Journal of Pharmacology</i> , 2019, 846, 109-118.	1.7	12
45	The Presence of Calcitonin Gene-Related Peptide and Its Receptors in Rat, Pig and Human Brain: Species Differences in Calcitonin Gene-Related Peptide Pharmacology. <i>Pharmacology</i> , 2019, 104, 332-341.	0.9	11
46	Lasmiditan and 5-Hydroxytryptamine in the rat trigeminal system; expression, release and interactions with 5-HT ₁ receptors. <i>Journal of Headache and Pain</i> , 2022, 23, 26.	2.5	11
47	Endothelin receptor mediated Ca ²⁺ signaling in coronary arteries after experimentally induced ischemia/reperfusion injury in rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 1-9.	0.9	10
48	Effect of PGD ₂ on middle meningeal artery and mRNA expression profile of L-PGD ₂ synthase and DP receptors in trigeminovascular system and other pain processing structures in rat brain. <i>Pharmacological Reports</i> , 2017, 69, 50-56.	1.5	10
49	Vasomotor dysfunction in human subcutaneous arteries exposed <i>ex vivo</i> to food-grade titanium dioxide. <i>Food and Chemical Toxicology</i> , 2018, 120, 321-327.	1.8	10
50	LPS from <i>Porphyromonas gingivalis</i> increases the sensitivity of contractile response mediated by endothelin-B (ETB) receptors in cultured endothelium-intact rat coronary arteries. <i>Vascular Pharmacology</i> , 2010, 53, 250-257.	1.0	9
51	Permanent Distal Occlusion of Middle Cerebral Artery in Rat Causes Local Increased ETB, 5-HT _{1B} and AT ₁ Receptor-Mediated Contractility Downstream of Occlusion. <i>Journal of Vascular Research</i> , 2013, 50, 396-409.	0.6	9
52	Endothelial Dysfunction and Passive Changes in the Aorta and Coronary Arteries of Diabetic db/db Mice. <i>Frontiers in Physiology</i> , 2020, 11, 667.	1.3	9
53	Sex Differences and Caffeine Impact in Adenosine-Induced Hyperemia. <i>Journal of Nuclear Medicine</i> , 2022, 63, 431-437.	2.8	9
54	Characterization of capsaicin induced responses in mice vas deferens: Evidence of CGRP uptake. <i>European Journal of Pharmacology</i> , 2011, 667, 375-382.	1.7	8

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55	Effect of Ageing on the Passive and Active Tension and Pharmacodynamic Characteristics of Rat Coronary Arteries: Age-Dependent Increase in Sensitivity to 5-HT and K ⁺ . <i>Pharmacology</i> , 2012, 90, 160-168.	0.9	8
56	Translational value of mechanical and vasomotor properties of mouse isolated mesenteric resistance-sized arteries. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00200.	1.1	8
57	Age- and endothelium-dependent changes in coronary artery reactivity to serotonin and calcium. <i>Vascular Pharmacology</i> , 2004, 41, 43-49.	1.0	7
58	Homologous desensitization of calcitonin gene-related peptide-induced relaxation in rat intramural coronary arteries. <i>European Journal of Pharmacology</i> , 2004, 484, 91-101.	1.7	7
59	Lipopolysaccharides, but not Angiotensin II, Induces Direct Pro-inflammatory Effects in Cultured Mouse Arteries and Human Endothelial and Vascular Smooth Muscle Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 335-347.	1.2	7
60	Fluorescent Analogues of Human β -Calcitonin Gene-Related Peptide with Potent Vasodilator Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1343.	1.8	7
61	Functional network analysis of obese and lean Göttingen minipigs elucidates changes in oxidative and inflammatory networks in obese pigs. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 2167-2176.	1.3	6
62	Changes in vasodilation following myocardial ischemia/reperfusion in rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 70, 68-75.	1.2	6
63	Cannabinoid CB1 receptor mediates METH-induced electrophysiological and morphological alterations in cerebellum Purkinje cells. <i>Human and Experimental Toxicology</i> , 2021, 40, 940-951.	1.1	5
64	Effect of Increased Potassium Intake on Adrenal Cortical and Cardiovascular Responses to Angiotensin II: A Randomized Crossover Study. <i>Journal of the American Heart Association</i> , 2021, 10, e018716.	1.6	5
65	Non-competitive antagonism of amylin on CGRP1 -receptors in rat coronary small arteries. <i>British Journal of Pharmacology</i> , 2000, 130, 386-390.	2.7	4
66	Pharmacokinetics of pioglitazone, a thiazolidinedione derivative, in male Naeini (Iranian fat-tailed) sheep. <i>Journal of Applied Animal Research</i> , 2012, 40, 208-214.	0.4	4
67	Reduced Mechanical Stretch Induces Enhanced Endothelin B Receptor-Mediated Contractility via Activation of Focal Adhesion Kinase and Extracellular Regulated Kinase 1/2 in Cerebral Arteries from Rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 68-77.	1.2	4
68	Noradrenaline-induced increases in calcium and tension in skeletal muscle conductance and resistance arteries from rats with post-infarction heart failure. <i>European Journal of Pharmacology</i> , 2006, 537, 143-154.	1.7	3
69	Early Onset Inflammation in Pre-Insulin-Resistant Diet-Induced Obese Rats Does Not Affect the Vasoreactivity of Isolated Small Mesenteric Arteries. <i>Pharmacology</i> , 2012, 90, 125-132.	0.9	3
70	Potentiated Adrenomedullin-induced Vasorelaxation During Hypoxia in Organ Cultured Porcine Coronary Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 58-67.	0.8	3
71	Mechanical and vasomotor properties of piglet isolated middle cerebral artery. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00279.	1.1	3
72	Effect of increased potassium intake on the renin-angiotensin-aldosterone system and subcutaneous resistance arteries: a randomized crossover study. <i>Nephrology Dialysis Transplantation</i> , 2020, , .	0.4	3

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73	CGRP in rat mesenteric artery and vein - receptor expression, CGRP presence and potential roles. <i>European Journal of Pharmacology</i> , 2020, 875, 173033.	1.7	3
74	Pirfenidone Is a Vasodilator: Involvement of KV7 Channels in the Effect on Endothelium-Dependent Vasodilatation in Type-2 Diabetic Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 619152.	1.6	3
75	Medroxyprogesterone acetate attenuates long-term effects of 17 β -estradiol in coronary arteries from hyperlipidemic rabbits. <i>Steroids</i> , 2006, 71, 834-842.	0.8	2
76	Calcium Activity of Upper Thoracic Dorsal Root Ganglion Neurons in Zucker Diabetic Fatty Rats. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-11.	0.6	2
77	Increased Contractile Response to Noradrenaline Induced By Factors Associated with the Metabolic Syndrome in Cultured Small Mesenteric Arteries. <i>Pharmacology</i> , 2016, 97, 48-56.	0.9	2
78	Image-derived and physiological markers to predict adequate adenosine-induced hyperemic response in Rubidium-82 myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3207-3217.	1.4	2
79	Ca ²⁺ sensitisation of force production by noradrenaline in femoral conductance and resistance arteries from rats with postinfarction congestive heart failure. <i>Vascular Pharmacology</i> , 2006, 44, 156-165.	1.0	1
80	Characterization of upper thoracic spinal neurons receiving noxious cardiac and/or somatic inputs in diabetic rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 165, 168-177.	1.4	1
81	Corrigendum to noncompetitive antagonism of BIBN4096BS on CGRP-induced responses in human subcutaneous arteries. <i>British Journal of Pharmacology</i> , 2004, 143, 1076-1076.	2.7	0
82	FO031POTASSIUM ACTIVATES THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM AND DOES NOT IMPROVE ENDOTHELIAL FUNCTION IN HEALTHY NORMOTENSIVE MEN. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i31-i31.	0.4	0
83	EFFECT OF PIRFENIDONE ON ENDOTHELIUM-DEPENDENT VASODILATATION IN TYPE-2 DIABETIC (DB/DB) MICE. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-38.	0.0	0