

Attila Kiss

List of Publications by Citations

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43
papers

568
citations

14
h-index

22
g-index

56
ext. papers

772
ext. citations

4.7
avg, IF

3.64
L-index

#	Paper	IF	Citations
43	Current Directions in the Auricular Vagus Nerve Stimulation I - A Physiological Perspective. <i>Frontiers in Neuroscience</i> , 2019 , 13, 854	5.1	81
42	Endothelial progerin expression causes cardiovascular pathology through an impaired mechanoreponse. <i>Journal of Clinical Investigation</i> , 2019 , 129, 531-545	15.9	46
41	Current Directions in the Auricular Vagus Nerve Stimulation II - An Engineering Perspective. <i>Frontiers in Neuroscience</i> , 2019 , 13, 772	5.1	39
40	Regenerative Cardiovascular Therapies: Stem Cells and Beyond. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
39	Red Blood Cells in Type 2 Diabetes Impair Cardiac Post-Ischemic Recovery Through an Arginase-Dependent Modulation of Nitric Oxide Synthase and Reactive Oxygen Species. <i>JACC Basic To Translational Science</i> , 2018 , 3, 450-463	8.7	29
38	Arginase inhibition improves coronary microvascular function and reduces infarct size following ischaemia-reperfusion in a rat model. <i>Acta Physiologica</i> , 2013 , 208, 172-9	5.6	29
37	Tenascin-C promotes chronic pressure overload-induced cardiac dysfunction, hypertrophy and myocardial fibrosis. <i>Journal of Hypertension</i> , 2018 , 36, 847-856	1.9	28
36	Tissue-specific up-regulation of arginase I and II induced by p38 MAPK mediates endothelial dysfunction in type 1 diabetes mellitus. <i>British Journal of Pharmacology</i> , 2015 , 172, 4684-98	8.6	26
35	MicroRNA 155-deficiency leads to decreased autoantibody levels and reduced severity of nephritis and pneumonitis in pristane-induced lupus. <i>PLoS ONE</i> , 2017 , 12, e0181015	3.7	24
34	Vagal nerve stimulation reduces infarct size via a mechanism involving the alpha-7 nicotinic acetylcholine receptor and downregulation of cardiac and vascular arginase. <i>Acta Physiologica</i> , 2017 , 221, 174-181	5.6	23
33	Remote ischemic preconditioning attenuates adverse cardiac remodeling and preserves left ventricular function in a rat model of reperfused myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 285, 72-79	3.2	20
32	The role of arginase and rho kinase in cardioprotection from remote ischemic preconditioning in non-diabetic and diabetic rat in vivo. <i>PLoS ONE</i> , 2014 , 9, e104731	3.7	18
31	Effect of sodium nitrite on ischaemia and reperfusion-induced arrhythmias in anaesthetized dogs: is protein S-nitrosylation involved?. <i>PLoS ONE</i> , 2015 , 10, e0122243	3.7	16
30	Epigenetic modulation of tenascin C in the heart: implications on myocardial ischemia, hypertrophy and metabolism. <i>Journal of Hypertension</i> , 2019 , 37, 1861-1870	1.9	15
29	The role of nitric oxide, superoxide and peroxynitrite in the anti-arrhythmic effects of preconditioning and peroxynitrite infusion in anaesthetized dogs. <i>British Journal of Pharmacology</i> , 2010 , 160, 1263-72	8.6	14
28	Tenascin-C aggravates ventricular dilatation and angiotensin-converting enzyme activity after myocardial infarction in mice. <i>ESC Heart Failure</i> , 2020 , 7, 2113-2122	3.7	12
27	Inhibition of Rho kinase protects from ischaemia-reperfusion injury via regulation of arginase activity and nitric oxide synthase in type 1 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2017 , 14, 236-245	3.3	10

26	Myocardial protection by co-administration of L-arginine and tetrahydrobiopterin during ischemia and reperfusion. <i>International Journal of Cardiology</i> , 2013 , 169, 83-8	3.2	10
25	Pretreatment With Argon Protects Human Cardiac Myocyte-Like Progenitor Cells from Oxygen Glucose Deprivation-Induced Cell Death by Activation of AKT and Differential Regulation of Mapkinases. <i>Shock</i> , 2018 , 49, 556-563	3.4	9
24	The impact of age on cardiac function and extracellular matrix component expression in adverse post-infarction remodeling in mice. <i>Experimental Gerontology</i> , 2019 , 119, 193-202	4.5	7
23	Peroxynitrite decreases arrhythmias induced by ischaemia reperfusion in anaesthetized dogs, without involving mitochondrial KATP channels. <i>British Journal of Pharmacology</i> , 2008 , 155, 1015-24	8.6	7
22	Changes in Circulating Extracellular Vesicles in Patients with ST-Elevation Myocardial Infarction and Potential Effects of Remote Ischemic Conditioning-A Randomized Controlled Trial. <i>Biomedicines</i> , 2020 , 8,	4.8	7
21	Differences in Stem Cell Processing Lead to Distinct Secretomes Secretion-Implications for Differential Results of Previous Clinical Trials of Stem Cell Therapy for Myocardial Infarction. <i>Biotechnology Journal</i> , 2017 , 12, 1600732	5.6	6
20	Cardiovascular phenotype of the rat - a suitable animal model for Duchenne muscular dystrophy. <i>DMM Disease Models and Mechanisms</i> , 2021 , 14,	4.1	6
19	Anti-CD3 Antibody Treatment Reduces Scar Formation in a Rat Model of Myocardial Infarction. <i>Cells</i> , 2020 , 9,	7.9	5
18	The Role of Tenascin C in Cardiac Reverse Remodeling Following Banding-Debanding of the Ascending Aorta. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
17	St Thomas Hospital polarizing blood cardioplegia improves hemodynamic recovery in a porcine model of cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 1543-1554.	11.5	4
16	MicroRNA Expression Profile Changes after Cardiopulmonary Bypass and Ischemia/Reperfusion-Injury in a Porcine Model of Cardioplegic Arrest. <i>Diagnostics</i> , 2020 , 10,	3.8	4
15	Argon preconditioning enhances postischaemic cardiac functional recovery following cardioplegic arrest and global cold ischaemia. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 539-546	3	4
14	Neuronal nitric oxide synthase regulation of calcium cycling in ventricular cardiomyocytes is independent of Ca _v 1.2 channel modulation under basal conditions. <i>Pflugers Archiv European Journal of Physiology</i> , 2020 , 472, 61-74	4.6	4
13	Tenascin C promotes valvular remodeling in two large animal models of ischemic mitral regurgitation. <i>Basic Research in Cardiology</i> , 2020 , 115, 76	11.8	3
12	Is there a trigger role of peroxynitrite in the anti-arrhythmic effect of ischaemic preconditioning and peroxynitrite infusion?. <i>European Journal of Pharmacology</i> , 2011 , 667, 306-13	5.3	3
11	A new player in the game: treatment with antagomiR-21a-5p significantly attenuates histological and echocardiographic effects of experimental autoimmune myocarditis. <i>Cardiovascular Research</i> , 2021 ,	9.9	3
10	Reduced Na current in Purkinje fibers explains cardiac conduction defects and arrhythmias in Duchenne muscular dystrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H1436-H1440	5.2	2
9	Preserved right ventricular integrity in a new telemetric rat model of severe pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L957-L963	5.8	2

8	No functional TRPA1 in cardiomyocytes. <i>Acta Physiologica</i> , 2021 , 232, e13659	5.6	2
7	Remote Ischemic Perconditioning Ameliorates Myocardial Ischemia and Reperfusion-Induced Coronary Endothelial Dysfunction and Aortic Stiffness in Rats. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2021 , 26, 702-713	2.6	2
6	Reverse remodelling in diabetic cardiomyopathy: the role of extracellular matrix. <i>Minerva Cardiology and Angiology</i> , 2021 ,	2.4	1
5	Association of Plasma Methylglyoxal Increase after Myocardial Infarction and the Left Ventricular Ejection Fraction.. <i>Biomedicines</i> , 2022 , 10,	4.8	1
4	Transient cardioprotective effects of remote ischemic postconditioning on non-reperfused myocardial infarction: longitudinal evaluation study in pigs.. <i>International Journal of Cardiology</i> , 2022 ,	3.2	1
3	Relationship between plasma Neuregulin-1 and cardiac function in patients with ST-elevation myocardial infarction.. <i>Reviews in Cardiovascular Medicine</i> , 2022 , 23, 63	3.9	0
2	Response to letter on "The role of remote ischemic perconditioning beyond myocardial infarction size reduction". <i>International Journal of Cardiology</i> , 2019 , 293, 53	3.2	
1	Response to letter on "Post-translational modifications: Novel mechanism to clarify the cardioprotective effects of remote ischemic conditioning by Tang and Yang". <i>International Journal of Cardiology</i> , 2019 , 293, 51	3.2	