

# Ismayil Ahmet

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,754  
citations

361413

20  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythropoietin reduces myocardial infarction and left ventricular functional decline after coronary artery ligation in rats. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11612-11617.	7.1	282
2	Fumarate Is Cardioprotective via Activation of the Nrf2 Antioxidant Pathway. Cell Metabolism, 2012, 15, 361-371.	16.2	231
3	Cardioprotection by Intermittent Fasting in Rats. Circulation, 2005, 112, 3115-3121.	1.6	202
4	Beneficial Effects of Chronic Pharmacological Manipulation of $\beta$ -Adrenoreceptor Subtype Signaling in Rodent Dilated Ischemic Cardiomyopathy. Circulation, 2004, 110, 1083-1090.	1.6	112
5	Cardioprotective effect of intermittent fasting is associated with an elevation of adiponectin levels in rats. Journal of Nutritional Biochemistry, 2010, 21, 413-417.	4.2	104
6	Effects of calorie restriction on cardioprotection and cardiovascular health. Journal of Molecular and Cellular Cardiology, 2011, 51, 263-271.	1.9	78
7	Cardioprotective and Survival Benefits of Long-Term Combined Therapy with $\beta$ Adrenoreceptor (AR) Agonist and $\beta$ 1 AR Blocker in Dilated Cardiomyopathy Postmyocardial Infarction. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 491-499.	2.5	69
8	Synchronization of sinoatrial node pacemaker cell clocks and its autonomic modulation impart complexity to heart beating intervals. Heart Rhythm, 2014, 11, 1210-1219.	0.7	62
9	$\beta$ 2 AR Agonists in Treatment of Chronic Heart Failure: Long Path to Translation. Journal of Molecular and Cellular Cardiology, 2011, 51, 529-533.	1.9	59
10	Blueberry-Enriched Diet Protects Rat Heart from Ischemic Damage. PLoS ONE, 2009, 4, e5954.	2.5	54
11	Pharmacological Stimulation of $\beta$ 2-adrenergic Receptors ( $\beta$ 2AR) Enhances Therapeutic Effectiveness of $\beta$ 1AR Blockade in Rodent Dilated Ischemic Cardiomyopathy. Heart Failure Reviews, 2005, 10, 289-296.	3.9	52
12	A Small Nonerythropoietic Helix B Surface Peptide Based upon Erythropoietin Structure Is Cardioprotective against Ischemic Myocardial Damage. Molecular Medicine, 2011, 17, 194-200.	4.4	50
13	Deterioration of autonomic neuronal receptor signaling and mechanisms intrinsic to heart pacemaker cells contribute to age-associated alterations in heart rate variability <i>in vivo</i> . Aging Cell, 2016, 15, 716-724.	6.7	44
14	Mammalian $\beta$ 2 AMPK regulates intrinsic heart rate. Nature Communications, 2017, 8, 1258.	12.8	43
15	Overexpression of a Neuronal Type Adenylyl Cyclase (Type 8) in Sinoatrial Node Markedly Impacts Heart Rate and Rhythm. Frontiers in Neuroscience, 2019, 13, 615.	2.8	38
16	Gene transfer of hepatocyte growth factor improves angiogenesis and function of chronic ischemic myocardium in canine heart. Annals of Thoracic Surgery, 2003, 75, 1283-1287.	1.3	35
17	Gene transfection of hepatocyte growth factor attenuates cardiac remodeling in the canine heart: A novel gene therapy for cardiomyopathy. Journal of Thoracic and Cardiovascular Surgery, 2002, 124, 957-963.	0.8	31
18	Chronic Alternate-Day Fasting Results in Reduced Diastolic Compliance and Diminished Systolic Reserve in Rats. Journal of Cardiac Failure, 2010, 16, 843-853.	1.7	29

#	ARTICLE	IF	CITATIONS
19	Long-term low dose dietary resveratrol supplement reduces cardiovascular structural and functional deterioration in chronic heart failure in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 268-274.	1.4	29
20	Survival and Cardioprotective Benefits of Long-Term Blueberry Enriched Diet in Dilated Cardiomyopathy Following Myocardial Infarction in Rats. <i>PLoS ONE</i> , 2009, 4, e7975.	2.5	28
21	Chronic Administration of Small Nonerythropoietic Peptide Sequence of Erythropoietin Effectively Ameliorates the Progression of Postmyocardial Infarctionâ€Dilated Cardiomyopathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 446-456.	2.5	20
22	The N-glycoform of sRAGE is the key determinant for its therapeutic efficacy to attenuate injury-elicited arterial inflammation and neointimal growth. <i>Journal of Molecular Medicine</i> , 2013, 91, 1369-1381.	3.9	17
23	Did Clinical Trials in Which Erythropoietin Failed to Reduce Acute Myocardial Infarct Size Miss a Narrow Therapeutic Window?. <i>PLoS ONE</i> , 2012, 7, e34819.	2.5	16
24	Diadenosine tetraphosphate (AP4A) mimics cardioprotective effect of ischemic preconditioning in the rat heart: contribution of K ATP channel and PKC. <i>Basic Research in Cardiology</i> , 2000, 95, 235-242.	5.9	14
25	Therapeutic Angiogenesis Induced by Injecting Hepatocyte Growth Factor in Ischemic Canine Hearts. <i>Surgery Today</i> , 2005, 35, 855-860.	1.5	13
26	CARDIOPROTECTIVE EFFECT OF DIADENOSINE TETRAPHOSPHATE (AP4A) PRESERVATION IN HYPOTHERMIC STORAGE AND ITS RELATION WITH MITOCHONDRIAL ATP-SENSITIVE POTASSIUM CHANNELS. <i>Transplantation</i> , 2000, 69, 16.	1.0	10
27	Emergence of heartbeat frailty in advanced age I: perspectives from life-long EKG recordings in adult mice. <i>GeroScience</i> , 2022, 44, 2801-2830.	4.6	8
28	The effects of a new ultra-short-acting Î²-adrenergic blocker, ONO-1101, on cardiac function during and after cardiopulmonary bypass. <i>Surgery Today</i> , 1999, 29, 248-254.	1.5	7
29	Myocardial protection using diadenosine tetraphosphate with pharmacological preconditioning. <i>Annals of Thoracic Surgery</i> , 2000, 70, 901-905.	1.3	5
30	A Rat Carotid Balloon Injury Model to Test Anti-vascular Remodeling Therapeutics. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	5
31	Cardioprotective effect of diadenosine tetraphosphate (AP4A) cardioplegia in isolated rat hearts. <i>Heart and Vessels</i> , 2000, 15, 30-34.	1.2	4
32	Acute hemodynamic effects of erythropoietin do not mediate its cardioprotective properties. <i>Biology Open</i> , 2012, 1, 1049-1053.	1.2	1
33	Fenoterol Enantiomers Do Not Possess Beneficial Therapeutic Properties of Their Racemic Mixture in the Rat Model of Post Myocardial Infarction Dilated Cardiomyopathy. <i>Cardiovascular Drugs and Therapy</i> , 2012, 26, 101-108.	2.6	1
34	Vessel Ultrasound Sonographic Assessment of Soluble Receptor for Advanced Glycation End Products Efficacy in a Rat Balloon Injury Model. <i>Current Therapeutic Research</i> , 2014, 76, 110-115.	1.2	1