# Morris Karmazyn

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 46 papers | 2,450 citations | 279487 23 h-index | 301761 39 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 2727 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mitochondrial Permeability Transition Pore Opening as an Endpoint to Initiate Cell Death and as a Putative Target for Cardioprotection. Cellular Physiology and Biochemistry, 2007, 20, 1-22. | 1.1 | 254 |
| 2 | Probiotic Administration Attenuates Myocardial Hypertrophy and Heart Failure After Myocardial Infarction in the Rat. Circulation: Heart Failure, 2014, 7, 491-499. | 1.6 | 231 |
| 3 | The Obesity-Associated Peptide Leptin Induces Hypertrophy in Neonatal Rat Ventricular Myocytes. Circulation Research, 2003, 93, 277-279. | 2.0 | 225 |
| 4 | Rat heart is a site of leptin production and action. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2877-H2884. | 1.5 | 142 |
| 5 | The Myocardial Na+/H+ Exchanger. Drugs, 2001, 61, 375-389. | 4.9 | 129 |
| 6 | Aldosterone Increases NHE-1 Expression and Induces NHE-1-Dependent Hypertrophy in Neonatal Rat Ventricular Myocytes. Hypertension, 2003, 42, 1171-1176. | 1.3 | 104 |
| 7 | The role of NHE-1 in myocardial hypertrophy and remodelling. Journal of Molecular and Cellular Cardiology, 2008, 44, 647-653. | 0.9 | 102 |
| 8 | Leptin Induces Vascular Smooth Muscle Cell Hypertrophy through Angiotensin II- and Endothelin-1-Dependent Mechanisms and Mediates Stretch-Induced Hypertrophy. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1075-1084. | 1.3 | 99 |
| 9 | Signalling mechanisms underlying the metabolic and other effects of adipokines on the heart. Cardiovascular Research, 2008, 79, 279-286. | 1.8 | 99 |
| 10 | Cardioprotective Effects of Propofol and Sevoflurane in Ischemic and Reperfused Rat HeartsÂ. Anesthesiology, 1999, 91, 1349-1349. | 1.3 | 97 |
| 11 | NHE-1: Still a viable therapeutic target. Journal of Molecular and Cellular Cardiology, 2013, 61, 77-82. | 0.9 | 91 |
| 12 | Therapeutic Potential of Ginseng in the Management of Cardiovascular Disorders. Drugs, 2011, 71, 1989-2008. | 4.9 | 86 |
| 13 | Expression of mitochondrial fusionâ€“fission proteins during post-infarction remodeling: the effect of NHE-1 inhibition. Basic Research in Cardiology, 2011, 106, 99-109. | 2.5 | 85 |
| 14 | Leptin-induced cardiomyocyte hypertrophy involves selective caveolae and RhoA/ROCK-dependent p38 MAPK translocation to nuclei. Cardiovascular Research, 2007, 77, 64-72. | 1.8 | 84 |
| 15 | The Role of the Myocardial Sodium-Hydrogen Exchanger in Mediating Ischemic and Reperfusion Injury: From Amiloride to Cariporidea. Annals of the New York Academy of Sciences, 1999, 874, 326-334. | 1.8 | 71 |
| 16 | Leptin as a Cardiac Hypertrophic Factor: A Potential Target for Therapeutics. Trends in Cardiovascular Medicine, 2007, 17, 206-211. | 2.3 | 58 |
| 17 | Anti-hypertrophic effect of NHE-1 inhibition involves GSK-3Î²-dependent attenuation of mitochondrial dysfunction. Journal of Molecular and Cellular Cardiology, 2009, 46, 998-1007. | 0.9 | 57 |
| 18 | Role of sodium-hydrogen exchange in cardiac hypertrophy and heart failure: a novel and promising therapeutic target. Basic Research in Cardiology, 2001, 96, 325-328. | 2.5 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mechanisms of protection of the ischemic and reperfused myocardium by sodium-hydrogen exchange inhibition. , 1999, 8, 33-38. | | 42 |
| 20 | Pharmacology and clinical assessment of cariporide for the treatment coronary artery diseases. Expert Opinion on Investigational Drugs, 2000, 9, 1099-1108. | 1.9 | 38 |
| 21 | Identification of Fat Mass and Obesity Associated (FTO) Protein Expression in Cardiomyocytes: Regulation by Leptin and Its Contribution to Leptin-Induced Hypertrophy. PLoS ONE, 2013, 8, e74235. | 1.1 | 37 |
| 22 | Mechanisms for cardiac depression induced by phorbol myristate acetate in working rat hearts. British Journal of Pharmacology, 1990, 100, 826-830. | 2.7 | 29 |
| 23 | Leptin-induced Cardiomyocyte Hypertrophy Reveals both Calcium-dependent and Calcium-independent/RhoA-dependent Calcineurin Activation and NFAT Nuclear Translocation. Cellular Signalling, 2012, 24, 2283-2290. | 1.7 | 27 |
| 24 | The Obesity-Related Peptide Leptin Sensitizes Cardiac Mitochondria to Calcium-Induced Permeability Transition Pore Opening and Apoptosis. PLoS ONE, 2012, 7, e41612. | 1.1 | 25 |
| 25 | Chemical components of ginseng, their biotransformation products and their potential as treatment of hypertension. Molecular and Cellular Biochemistry, 2021, 476, 333-347. | 1.4 | 24 |
| 26 | Therapeutic potential of Na-H exchange inhibitors for the treatment of heart failure. Expert Opinion on Investigational Drugs, 2001, 10, 835-843. | 1.9 | 21 |
| 27 | Early and Transient Sodium-Hydrogen Exchanger Isoform 1 Inhibition Attenuates Subsequent Cardiac Hypertrophy and Heart Failure Following Coronary Artery Ligation. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 492-499. | 1.3 | 20 |
| 28 | Leptin-induced cardiomyocyte hypertrophy is associated with enhanced mitochondrial fission. Molecular and Cellular Biochemistry, 2019, 454, 33-44. | 1.4 | 20 |
| 29 | Na<sup>+</sup>/H<sup>+</sup> exchange inhibitors reverse lactateâ€induced depression in postischaemic ventricular recovery. British Journal of Pharmacology, 1993, 108, 50-56. | 2.7 | 15 |
| 30 | Adenosineâ€sensitive Î±<sub>1</sub>â€adrenoceptor effects on reperfused ischaemic hearts: comparison with phorbol ester. British Journal of Pharmacology, 1994, 112, 1007-1016. | 2.7 | 14 |
| 31 | Effect of D,Lâ€carnitine on the response of the isolated heart of the rat to ischaemia and reperfusion: relation to mitochondrial function. British Journal of Pharmacology, 1989, 98, 1319-1327. | 2.7 | 13 |
| 32 | The potential contribution of circulating and locally produced leptin to cardiac hypertrophy and failure. Canadian Journal of Physiology and Pharmacology, 2013, 91, 883-888. | 0.7 | 12 |
| 33 | Myocardial Hypertrophic Remodeling and Impaired Left Ventricular Function in Mice with a Cardiac-Specific Deletion of Janus Kinase 2. American Journal of Pathology, 2015, 185, 3202-3210. | 1.9 | 10 |
| 34 | Calcium dependent positive inotropic effects of low phorbol ester concentrations in isolated rat hearts. Cardiovascular Research, 1993, 27, 390-395. | 1.8 | 9 |
| 35 | Identification of functional leptin receptors expressed in ventricular mitochondria. Molecular and Cellular Biochemistry, 2015, 408, 155-162. | 1.4 | 9 |
| 36 | North American ginseng (Panax quinquefolius) suppresses Î²-adrenergic-dependent signalling, hypertrophy, and cardiac dysfunction. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1325-1335. | 0.7 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Antiarrhythmic effects of Na-H exchange inhibition. Drug Development Research, 2002, 55, 22-28. | 1.4 | 4 |
| 38 | Cardiomyocyte Antihypertrophic Effect of Adipose Tissue Conditioned Medium from Rats and Its Abrogation by Obesity is Mediated by the Leptin to Adiponectin Ratio. PLoS ONE, 2016, 11, e0145992. | 1.1 | 4 |
| 39 | Inhibition of angiotensin IIâ€“induced hypertrophy and cardiac dysfunction by North American ginseng (Panax quinquefolius). Canadian Journal of Physiology and Pharmacology, 2021, 99, 512-521. | 0.7 | 3 |
| 40 | Title is missing!. , 1997, 176, 171-178. | | 2 |
| 41 | Phenylephrineâ€induced cardiomyocyte hypertrophy and calcification are regulated by CD73â€TNAP interaction and inhibited by adenosine receptor activation. FASEB Journal, 2013, 27, 386.8. | 0.2 | 1 |
| 42 | Inhibitors of sodium-hydrogen exchange as therapeutic agents for the treatment of heart disease. Expert Opinion on Therapeutic Patents, 2003, 13, 1411-1425. | 2.4 | 0 |
| 43 | Role of Rhoâ€mediated processes and intact actin cytoskeleton in leptin induced cardiomyocytes hypertrophy. FASEB Journal, 2006, 20, A691. | 0.2 | 0 |
| 44 | Cardiovascular Effects of Chronic Intermittent Hypoxia in Mice. FASEB Journal, 2006, 20, . | 0.2 | 0 |
| 45 | RhoA links PI3K/Akt/mTOR signaling to p38 MAPK/GATAâ€4 activation in leptinâ€“induced cardiomyocyte hypertrophy. FASEB Journal, 2009, 23, 577.7. | 0.2 | 0 |
| 46 | Adiponectin inhibits leptinâ€induced cardiomyocyte hypertrophy by attenuation of calcineurin/NFAT activation. FASEB Journal, 2013, 27, 1085.9. | 0.2 | 0 |