Kishore B S Pasumarthi

List of Publications by Year
in descending order

52 papers	9,305 citations	304743 22 h-index	206112 48 g-index
53 all docs	53 docs citations	53 times ranked	17893 citing authors

#	Article	IF	Citations
1	Adrenergic Receptor Signaling Pathways in the Regulation of Apoptosis and Autophagy in the Heart. , 2022, , 23-36.		0
2	A mouse model of inherited choline kinase Î²-deficiency presents with specific cardiac abnormalities and a predisposition to arrhythmia. Journal of Biological Chemistry, 2022, 298, 101716.	3.4	4
3	Application of Three-Dimensional Culture Method in the Cardiac Conduction System Research. Methods and Protocols, 2022, 5, 50.	2.0	0
4	A Cardiac Mitochondrial FGFR1 Mediates the Antithetical Effects of FGF2 Isoforms on Permeability Transition. Cells, 2021, 10, 2735.	4.1	1
5	Regulation of Transplanted Cell Homing by FGF1 and PDGFB after Doxorubicin Myocardial Injury. Cells, 2021, 10, 2998.	4.1	6
6	Characterization of primary adult mouse cardiac fibroblast cultures. Canadian Journal of Physiology and Pharmacology, 2020, 98, 861-869.	1.4	0
7	Fractionation of embryonic cardiac progenitor cells and evaluation of their differentiation potential. Differentiation, 2019, 105, 1-13.	1.9	3
8	Characterizing the role of atrial natriuretic peptide signaling in the development of embryonic ventricular conduction system. Scientific Reports, 2018, 8, 6939.	3.3	9
9	Effects of Î²-adrenergic receptor drugs on embryonic ventricular cell proliferation and differentiation and their impact on donor cell transplantation. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H919-H931.	3.2	17
10	A natriuretic peptides clearance receptorâ€™s agonist reduces pulmonary artery pressures and enhances cardiac performance in preclinical models: New hope for patients with pulmonary hypertension due to left ventricular heart failure. Biomedicine and Pharmacotherapy, 2017, 93, 1144-1150.	5.6	12
11	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
12	Atrial natriuretic peptide inhibits cell cycle activity of embryonic cardiac progenitor cells via its NPRA receptor signaling axis. American Journal of Physiology - Cell Physiology, 2015, 308, C557-C569.	4.6	17
13	Mechanisms of renal hyporesponsiveness to BNP in heart failure. Canadian Journal of Physiology and Pharmacology, 2015, 93, 399-403.	1.4	15
14	Divergent cell cycle kinetics of midgestation ventricular cells entail a higher engraftment efficiency after cell transplantation. American Journal of Physiology - Cell Physiology, 2015, 308, C220-C228.	4.6	9
15	A novel Î²-adrenergic response element regulates both basal and agonist-induced expression of cyclin-dependent kinase 1 gene in cardiac fibroblasts. American Journal of Physiology - Cell Physiology, 2014, 306, C540-C550.	4.6	19
16	The FGF-2-triggered protection of cardiac subsarcolemmal mitochondria from calcium overload is mitochondrial connexin 43-dependent. Cardiovascular Research, 2014, 103, 72-80.	3.8	63
17	The effects of calcium channel blockade on proliferation and differentiation of cardiac progenitor cells. Cell Calcium, 2014, 55, 238-251.	2.4	15
18	Characterization of Growth Suppressive Functions of a Splice Variant of Cyclin D2. PLoS ONE, 2013, 8, e53503.	2.5	15

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19	Role of D-type cyclins in heart development and disease. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1197-1207.	1.4	22
20	Cardiomyocyte Specific Ablation of p53 Is Not Sufficient to Block Doxorubicin Induced Cardiac Fibrosis and Associated Cytoskeletal Changes. PLoS ONE, 2011, 6, e22801.	2.5	54
21	Developmental expression of the cyclin D2 splice variant in postnatal Purkinje cells of the mouse cerebellum. Neuroscience Letters, 2010, 477, 100-104.	2.1	2
22	A splice variant of cyclin D2 regulates cardiomyocyte cell cycle through a novel protein aggregation pathway. Journal of Cell Science, 2009, 122, 1563-1573.	2.0	18
23	Assessment of embryonic myocardial cell differentiation using a dual fluorescent reporter system. Journal of Cellular and Molecular Medicine, 2009, 13, 2834-2842.	3.6	3
24	Functional characterization of cardiac progenitor cells and their derivatives in the embryonic heart postâ€chamber formation. Developmental Dynamics, 2009, 238, 2787-2799.	1.8	14
25	QUANTIFICATION OF CARDIAC FIBROSIS BY COLOURâ€SUBTRACTIVE COMPUTERâ€ASSISTED IMAGE ANALYSIS. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 679-686.	1.9	26
26	Embryonic Stem Cell Transplantation. BioDrugs, 2008, 22, 361-374.	4.6	37
27	Cardiomyocyte cell cycle activation improves cardiac function after myocardial infarction. Cardiovascular Research, 2008, 78, 18-25.	3.8	109
28	Donor cell transplantation for myocardial disease: does it complement current pharmacological therapies?This paper is one of a selection of papers published in this Special Issue, entitled Young Investigators' Forum.. Canadian Journal of Physiology and Pharmacology, 2007, 85, 1-15.	1.4	31
29	Ultrastructural and immunocharacterization of undifferentiated myocardial cells in the developing mouse heart. Journal of Cellular and Molecular Medicine, 2007, 11, 552-560.	3.6	26
30	A8. Molecular characterization of cardiac progenitor cells in embryonic ventricular myocardium. Journal of Molecular and Cellular Cardiology, 2006, 40, 887-888.	1.9	1
31	Cardiomyocyte Cell Cycle Activation Ameliorates Fibrosis in the Atrium. Circulation Research, 2006, 98, 141-148.	4.5	28
32	Reactivation of cardiomyocyte cell cycle: A potential approach for myocardial regeneration. Signal Transduction, 2005, 5, 126-141.	0.4	3
33	Targeted Expression of Cyclin D2 Results in Cardiomyocyte DNA Synthesis and Infarct Regression in Transgenic Mice. Circulation Research, 2005, 96, 110-118.	4.5	309
34	Haematopoietic stem cells do not transdifferentiate into cardiac myocytes in myocardial infarcts. Nature, 2004, 428, 664-668.	27.8	2,050
35	Cell cycle regulation to repair the infarcted myocardium. Heart Failure Reviews, 2003, 8, 293-303.	3.9	20
36	Scalable Production of Embryonic Stem Cell-Derived Cardiomyocytes. Tissue Engineering, 2003, 9, 767-778.	4.6	271

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37	Myocyte and myogenic stem cell transplantation in the heart. Cardiovascular Research, 2003, 58, 336-350.	3.8	222
38	Physiological Coupling of Donor and Host Cardiomyocytes After Cellular Transplantation. Circulation Research, 2003, 92, 1217-1224.	4.5	213
39	Cardiomyocyte Enrichment in Differentiating ES Cell Cultures: Strategies and Applications. , 2002, 185, 157-168.		17
40	Cardiomyocyte Cell Cycle Regulation. Circulation Research, 2002, 90, 1044-1054.	4.5	434
41	Cloning of the Rat Fibroblast Growth Factor-2 Promoter Region and Its Response to Mitogenic Stimuli in Glioma C6 Cells. Journal of Neurochemistry, 2002, 68, 898-908.	3.9	21
42	Functional Abrogation of p53 is Required for T-Ag Induced Proliferation in Cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2001, 33, 1405-1419.	1.9	21
43	Coexpression of Mutant p53 and p193 Renders Embryonic Stem Cellâ€"Derived Cardiomyocytes Responsive to the Growth-Promoting Activities of Adenoviral E1A. Circulation Research, 2001, 88, 1004-1011.	4.5	39
44	Simian Virus 40 Large T Antigen Binds a Novel Bcl-2 Homology Domain 3-containing Proapoptosis Protein in the Cytoplasm. Journal of Biological Chemistry, 2000, 275, 3239-3246.	3.4	66
45	Enhanced Cardiomyocyte DNA Synthesis During Myocardial Hypertrophy in Mice Expressing a Modified TSC2 Transgene. Circulation Research, 2000, 86, 1069-1077.	4.5	58
46	Title is missing!. Molecular and Cellular Biochemistry, 1997, 176, 89-97.	3.1	16
47	Expression of fibroblast growth factor receptor-1 in rat heart H9c2 myoblasts increases cell proliferation. , 1997, , 89-97.		0
48	High and Low Molecular Weight Fibroblast Growth Factor-2 Increase Proliferation of Neonatal Rat Cardiac Myocytes but Have Differential Effects on Binucleation and Nuclear Morphology. Circulation Research, 1996, 78, 126-136.	4.5	111
49	Regulation of Basic Fibroblast Growth Factor (BFGF) and FGF Receptors in the Heart. Annals of the New York Academy of Sciences, 1995, 752, 353-369.	3.8	39
50	Characterization of Fibroblast Growth Factor Receptor 1 RNA Expression in the Embryonic Mouse Heart. Annals of the New York Academy of Sciences, 1995, 752, 406-416.	3.8	10
51	Over-expression of CUG- or AUG-initiated Forms of Basic Fibroblast Growth Factor in Cardiac Myocytes Results in Similar Effects on Mitosis and Protein Synthesis but Distinct Nuclear Morphologies. Journal of Molecular and Cellular Cardiology, 1994, 26, 1045-1060.	1.9	51
52	Cloning and Expression of Fibroblast Growth Factor Receptor-1 Isoforms in the Mouse Heart: Evidence for Isoform Switching During Heart Development. Journal of Molecular and Cellular Cardiology, 1994, 26, 1449-1459.	1.9	52