Rajesh Kumar

List of Publications by Year
in descending order

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32 papers	2,002 citations	304602 22 h-index	477173 29 g-index
32 all docs	32 docs citations	32 times ranked	2583 citing authors

#	Article	IF	Citations
1	Intracellular Angiotensin II Production in Diabetic Rats Is Correlated With Cardiomyocyte Apoptosis, Oxidative Stress, and Cardiac Fibrosis. Diabetes, 2008, 57, 3297-3306.	0.3	282
2	Activation of the intracellular renin-angiotensin system in cardiac fibroblasts by high glucose: role in extracellular matrix production. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1675-H1684.	1.5	159
3	Evidence of a novel intracrine mechanism in angiotensin II-induced cardiac hypertrophy. Regulatory Peptides, 2004, 120, 5-13.	1.9	139
4	Myocardial Loss of IRS1 and IRS2 Causes Heart Failure and Is Controlled by p38Î± MAPK During Insulin Resistance. Diabetes, 2013, 62, 3887-3900.	0.3	138
5	High-glucose-induced regulation of intracellular ANG II synthesis and nuclear redistribution in cardiac myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H939-H948.	1.5	130
6	The intracellular reninâ€“angiotensin system: implications in cardiovascular remodeling. Current Opinion in Nephrology and Hypertension, 2008, 17, 168-173.	1.0	121
7	The intracellular reninâ€“angiotensin system: a new paradigm. Trends in Endocrinology and Metabolism, 2007, 18, 208-214.	3.1	116
8	The intracrine reninâ€“angiotensin system. Clinical Science, 2012, 123, 273-284.	1.8	110
9	Phosphorylation of Cardiac Myosin-Binding Protein-C Is a Critical Mediator of Diastolic Function. Circulation: Heart Failure, 2015, 8, 582-594.	1.6	92
10	cDNA and genomic cloning of lacritin, a novel secretion enhancing factor from the human lacrimal gland11Edited by J. Karn. Journal of Molecular Biology, 2001, 310, 127-139.	2.0	76
11	Intracellular angiotensin II induces cell proliferation independent of AT1 receptor. American Journal of Physiology - Cell Physiology, 2006, 291, C995-C1001.	2.1	70
12	Activation of Foxo1 by Insulin Resistance Promotes Cardiac Dysfunction and Î²â€“Myosin Heavy Chain Gene Expression. Circulation: Heart Failure, 2015, 8, 198-208.	1.6	68
13	Review:Intracardiac intracellular angiotensin system in diabetes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R510-R517.	0.9	62
14	Cardiac-specific suppression of NF-ÎºB signaling prevents diabetic cardiomyopathy via inhibition of the renin-angiotensin system. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1036-H1045.	1.5	58
15	The intracellular renin-angiotensin system in the heart. Current Hypertension Reports, 2009, 11, 104-110.	1.5	57
16	Diversity of pathways for intracellular angiotensin II synthesis. Current Opinion in Nephrology and Hypertension, 2009, 18, 33-39.	1.0	47
17	Cardiac-specific genetic inhibition of nuclear factor-ÎºB prevents right ventricular hypertrophy induced by monocrotaline. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1655-H1666.	1.5	40
18	Inhibition of nuclear factor ÎºB regresses cardiac hypertrophy by modulating the expression of extracellular matrix and adhesion molecules. Free Radical Biology and Medicine, 2011, 50, 206-215.	1.3	34

#	Article	IF	Citations
19	Direct renin inhibition prevents cardiac dysfunction in a diabetic mouse model: comparison with an angiotensin receptor antagonist and angiotensin-converting enzyme inhibitor. Clinical Science, 2013, 124, 529-545.	1.8	34
20	Novel Mechanism of Blood Pressure Regulation By Forkhead Box Class O1â€“Mediated Transcriptional Control of Hepatic Angiotensinogen. Hypertension, 2014, 64, 1131-1140.	1.3	30
21	Kinase inhibitors for cardiovascular disease. Journal of Molecular and Cellular Cardiology, 2007, 42, 1-11.	0.9	26
22	Activation of protein kinase A by atrial natriuretic peptide in neonatal rat cardiac fibroblasts: Role in regulation of the local renin-angiotensin system. Regulatory Peptides, 2005, 132, 1-8.	1.9	25
23	Do multiple nuclear factor kappa B activation mechanisms explain its varied effects in the heart?. Ochsner Journal, 2013, 13, 157-65.	0.5	18
24	Angiotensin type 1a receptor-deficient mice develop diabetes-induced cardiac dysfunction, which is prevented by renin-angiotensin system inhibitors. Cardiovascular Diabetology, 2013, 12, 169.	2.7	16
25	Loss of myocardial retinoic acid receptor Î± induces diastolic dysfunction by promoting intracellular oxidative stress and calcium mishandling in adult mice. Journal of Molecular and Cellular Cardiology, 2016, 99, 100-112.	0.9	15
26	Human Genome Search in Celiac Disease: Mutated Gliadin T-cell-like Epitope in Two Human Proteins Promotes T-cell Activation. Journal of Molecular Biology, 2002, 319, 593-602.	2.0	12
27	Human genome search in celiac disease using gliadin cDNA as probe11Edited by J. Karn. Journal of Molecular Biology, 2000, 300, 1155-1167.	2.0	8
28	Quantitation of Rat Lacrimal Secretion: a Novel Sandwich ELISA with High Sensitivity. Experimental Eye Research, 2000, 70, 651-658.	1.2	7
29	Genetic Separation of the Human Lacritin Gene (â€œLACRTâ€) and Triple A (Allgrove) Syndrome on 12Q13. Advances in Experimental Medicine and Biology, 2002, 506, 167-174.	0.8	5
30	Activation of the Renin-Angiotensin System in Heart Failure. , 2011, , 134-151.		3
31	Cardiac and Vascular Renin-Angiotensin Systems. , 2007, , 23-42.		3
32	Novel Aspects of the Cardiac Reninâ€“Angiotensin System. , 2009, , 75-89.		1