

Dhandapani Kuppuswamy

List of Publications by Year in descending order

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26
papers

1,137
citations

471509
17
h-index

642732
23
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26
all docs

26
docs citations

26
times ranked

1557
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide—A Tool for the Preparation of Chemically Crosslinking Free Alginate—Chitosan—Collagen Scaffolds for Bone Tissue Engineering. ACS Applied Materials & Interfaces, 2018, 10, 12441-12452.	8.0	152
2	c-Raf/MEK/ERK Pathway Controls Protein Kinase C-mediated p70S6K Activation in Adult Cardiac Muscle Cells. Journal of Biological Chemistry, 2002, 277, 23065-23075.	3.4	130
3	Association of Tyrosine-phosphorylated c-Src with the Cytoskeleton of Hypertrophying Myocardium. Journal of Biological Chemistry, 1997, 272, 4500-4508.	3.4	120
4	Integrin Activation and Focal Complex Formation in Cardiac Hypertrophy. Journal of Biological Chemistry, 2000, 275, 35624-35630.	3.4	118
5	Basis for Increased Microtubules in Pressure-Hypertrophied Cardiocytes. Circulation, 1996, 93, 1230-1243.	1.6	60
6	Phosphorylation of a Wiscott-Aldrich Syndrome Protein-associated Signal Complex Is Critical in Osteoclast Bone Resorption. Journal of Biological Chemistry, 2007, 282, 10104-10116.	3.4	55
7	β_2 Integrin-mediated ubiquitination activates survival signaling during myocardial hypertrophy. FASEB Journal, 2009, 23, 2759-2771.	0.5	53
8	RGD-containing Peptides Activate S6K1 through β_3 Integrin in Adult Cardiac Muscle Cells. Journal of Biological Chemistry, 2003, 278, 42214-42224.	3.4	50
9	β_3 Integrin in Cardiac Fibroblast Is Critical for Extracellular Matrix Accumulation during Pressure Overload Hypertrophy in Mouse. PLoS ONE, 2012, 7, e45076.	2.5	50
10	Beta3-integrin-mediated focal adhesion complex formation: adult cardiocytes embedded in three-dimensional polymer matrices. American Journal of Cardiology, 1999, 83, 38-43.	1.6	46
11	Enhanced ubiquitination of cytoskeletal proteins in pressure overloaded myocardium is accompanied by changes in specific E3 ligases. Journal of Molecular and Cellular Cardiology, 2006, 41, 669-679.	1.9	45
12	Arrestin-dependent Angiotensin AT1 Receptor Signaling Regulates Akt and mTor-mediated Protein Synthesis. Journal of Biological Chemistry, 2014, 289, 26155-26166.	3.4	39
13	Focal complex formation in adult cardiomyocytes is accompanied by the activation of β_3 integrin and c-Src. Journal of Molecular and Cellular Cardiology, 2003, 35, 671-683.	1.9	37
14	Lack of β_3 Integrin Signaling Contributes to Calpain-Mediated Myocardial Cell Loss in Pressure-Overloaded Myocardium. Journal of Cardiovascular Pharmacology, 2010, 55, 567-573.	1.9	37
15	Integrins Are the Necessary Links to Hypertrophic Growth in Cardiomyocytes. Journal of Signal Transduction, 2011, 2011, 1-8.	2.0	34
16	Dasatinib Attenuates Pressure Overload Induced Cardiac Fibrosis in a Murine Transverse Aortic Constriction Model. PLoS ONE, 2015, 10, e0140273.	2.5	29
17	Suppression of angiotensin II-induced pathological changes in heart and kidney by the caveolin-1 scaffolding domain peptide. PLoS ONE, 2018, 13, e0207844.	2.5	19
18	Translational activation of 5'-TOP mRNA in pressure overload myocardium. Basic Research in Cardiology, 2008, 103, 41-53.	5.9	17

#	ARTICLE	IF	CITATIONS
19	Reversal of maladaptive fibrosis and compromised ventricular function in the pressure overloaded heart by a caveolin-1 surrogate peptide. <i>Laboratory Investigation</i> , 2017, 97, 370-382.	3.7	16
20	mTOR complex 2 mediates Akt phosphorylation that requires PKC μ in adult cardiac muscle cells. <i>Cellular Signalling</i> , 2013, 25, 1904-1912.	3.6	15
21	The Caveolin-1 Scaffolding Domain Peptide Reverses Aging-Associated Deleterious Changes in Multiple Organs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 378, 1-9.	2.5	8
22	Multiple subregions within the caveolin-1 scaffolding domain inhibit fibrosis, microvascular leakage, and monocyte migration. <i>PLoS ONE</i> , 2022, 17, e0264413.	2.5	4
23	A Kinase-Independent Function of c-Src Mediates p130Cas Phosphorylation at the Serine-639 Site in Pressure Overloaded Myocardium. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2793-2803.	2.6	3
24	nPKC isoforms differential activation of S6K1 in adult cardiac myocytes. <i>FASEB Journal</i> , 2006, 20, A546.	0.5	0
25	A potential mechanism of p130Cas phosphorylation by c-Src and Bmx during cardiac hypertrophy. <i>FASEB Journal</i> , 2006, 20, A983.	0.5	0
26	β 3 integrin/PDGF receptor synergistic signaling mediates cardiac fibrosis in a mouse model of pressure overload hypertrophy. <i>FASEB Journal</i> , 2012, 26, .	0.5	0