

Jaganathan Subramani

List of Publications by Year in descending order

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30
papers

681
citations

516215

16
h-index

580395

25
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30
all docs

30
docs citations

30
times ranked

1066
citing authors

#	ARTICLE	IF	CITATIONS
1	CD13 Restricts TLR4 Endocytic Signal Transduction in Inflammation. <i>Journal of Immunology</i> , 2015, 194, 4466-4476.	0.4	51
2	Tyrosine Phosphorylation of CD13 Regulates Inflammatory Cell-Cell Adhesion and Monocyte Trafficking. <i>Journal of Immunology</i> , 2013, 191, 3905-3912.	0.4	47
3	Thioredoxin reverses age-related hypertension by chronically improving vascular redox and restoring eNOS function. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	45
4	CD13 Regulates Dendritic Cell Cross-Presentation and T Cell Responses by Inhibiting Receptor-Mediated Antigen Uptake. <i>Journal of Immunology</i> , 2012, 188, 5489-5499.	0.4	42
5	CD13 promotes mesenchymal stem cell-mediated regeneration of ischemic muscle. <i>Frontiers in Physiology</i> , 2014, 4, 402.	1.3	42
6	Expression analysis of melatonin receptor subtypes in the ovary of domestic chicken. <i>Veterinary Research Communications</i> , 2009, 33, 49-56.	0.6	41
7	High doses of dietary zinc induce cytokines, chemokines, and apoptosis in reproductive tissues during regression. <i>Cell and Tissue Research</i> , 2008, 332, 543-554.	1.5	35
8	15(S)-hydroxyeicosatetraenoic acid-induced angiogenesis requires Src-mediated Egr-1-dependent rapid induction of FGF-2 expression. <i>Blood</i> , 2010, 115, 2105-2116.	0.6	34
9	Molecular mechanisms regulating CD13-mediated adhesion. <i>Immunology</i> , 2014, 142, 636-647.	2.0	34
10	Neuroprotective effect of s-methylisothiourea in transient focal cerebral ischemia in rat. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 22, 1-10.	1.2	33
11	Thioredoxin Uses a GSH-independent Route to Deglutathionylate Endothelial Nitric-oxide Synthase and Protect against Myocardial Infarction. <i>Journal of Biological Chemistry</i> , 2016, 291, 23374-23389.	1.6	32
12	Atorvastatin Restores the Impaired Vascular Endothelium-dependent Relaxations Mediated by Nitric Oxide and Endothelium-derived Hyperpolarizing Factors but Not Hypotension in Sepsis. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 54, 526-534.	0.8	29
13	CD13 is essential for inflammatory trafficking and infarct healing following permanent coronary artery occlusion in mice. <i>Cardiovascular Research</i> , 2013, 100, 74-83.	1.8	27
14	CD13 Regulates Anchorage and Differentiation of the Skeletal Muscle Satellite Stem Cell Population in Ischemic Injury. <i>Stem Cells</i> , 2014, 32, 1564-1577.	1.4	26
15	Involvement of inducible nitric oxide synthase and dimethyl arginine dimethylaminohydrolase in Nitro-L-arginine methyl ester (L-NAME)-induced hypertension. <i>Cardiovascular Pathology</i> , 2015, 24, 49-55.	0.7	20
16	Thioredoxin protects mitochondrial structure, function and biogenesis in myocardial ischemia-reperfusion via redox-dependent activation of AKT-CREB- PGC1 β pathway in aged mice. <i>Aging</i> , 2020, 12, 19809-19827.	1.4	19
17	Novel Interactions between NFATc1 (Nuclear Factor of Activated T Cells c1) and STAT-3 (Signal Transducer and Activator of Transcription 3) in T Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2012, 287, 22463-22482.	1.6	18
18	Thioredoxin Activates MKK4-NF κ B Pathway in a Redox-dependent Manner to Control Manganese Superoxide Dismutase Gene Expression in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 17505-17519.	1.6	15

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19	Chaperone-Mediated Autophagy of eNOS in Myocardial Ischemia-Reperfusion Injury. <i>Circulation Research</i> , 2021, 129, 930-945.	2.0	14
20	Role of voltage-dependent potassium channels and myo-endothelial gap junctions in 4-aminopyridine-induced inhibition of acetylcholine relaxation in rat carotid artery. <i>European Journal of Pharmacology</i> , 2008, 591, 171-176.	1.7	13
21	Essential role of nitric oxide in sepsis-induced impairment of endothelium-derived hyperpolarizing factor-mediated relaxation in rat pulmonary artery. <i>European Journal of Pharmacology</i> , 2010, 630, 84-91.	1.7	12
22	Role of Protein Kinase G in Nitric Oxide Deficiency-induced Supersensitivity to Nitrovasodilator in Rat Pulmonary Artery. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 450-456.	0.8	11
23	Short-duration hyperoxia causes genotoxicity in mouse lungs: protection by volatile anesthetic isoflurane. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L903-L917.	1.3	11
24	Nrg1 ^{fl2} Released in Remote Ischemic Preconditioning Improves Myocardial Perfusion and Decreases Ischemia/Reperfusion Injury via ErbB2-Mediated Rescue of Endothelial Nitric Oxide Synthase and Abrogation of Trx2 Autophagy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2293-2314.	1.1	11
25	Thioredoxin Decreases Anthracycline Cardiotoxicity, But Sensitizes Cancer Cell Apoptosis. <i>Cardiovascular Toxicology</i> , 2021, 21, 142-151.	1.1	9
26	Role of Thioredoxin in Age-Related Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 6.	1.5	6
27	Anti-inflammatory effect of petroleum ether extract of <i>Vitex negundo</i> leaves in rat models of acute and subacute inflammation. <i>Pharmaceutical Biology</i> , 2009, 47, 335-339.	1.3	4
28	15(S)-Hydroxyeicosatetraenoic acid-induced angiogenesis requires Src-mediated Egr1-dependent rapid induction of FGF2 expression. <i>FASEB Journal</i> , 2010, 24, 1031.3.	0.2	0
29	Interaction between NFATc1 and STAT3 is required for thrombin-induced cyclin D1 expression in vascular smooth muscle cells. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
30	Involvement of inducible nitric oxide synthase and dimethylarginine dimethylaminohydrolase in Nitro-L-arginine methyl ester (L-NAME)-induced hypertension (LB676). <i>FASEB Journal</i> , 2014, 28, LB676.	0.2	0