

Ramasamy Subbiah

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,242
citations

516710

16
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

2431
citing authors

#	ARTICLE	IF	CITATIONS
1	S-glutathionylation activates STIM1 and alters mitochondrial homeostasis. <i>Journal of Cell Biology</i> , 2010, 190, 391-405.	5.2	201
2	Mitochondrial Ca ²⁺ Uniporter Is a Mitochondrial Luminal Redox Sensor that Augments MCU Channel Activity. <i>Molecular Cell</i> , 2017, 65, 1014-1028.e7.	9.7	179
3	Gut Microbiota, Endocrine-Disrupting Chemicals, and the Diabetes Epidemic. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 612-625.	7.1	118
4	Nitration of the mitochondrial complex I subunit NDUFB8 elicits RIP1- and RIP3-mediated necrosis. <i>Free Radical Biology and Medicine</i> , 2010, 48, 306-317.	2.9	98
5	Peroxisome Proliferator-Activated Receptor γ Is an Essential Transcriptional Regulator for Mitochondrial Protection and Biogenesis in Adult Heart. <i>Circulation Research</i> , 2010, 106, 911-919.	4.5	97
6	Gut microbial degradation of organophosphate insecticides-induces glucose intolerance via gluconeogenesis. <i>Genome Biology</i> , 2017, 18, 8.	8.8	88
7	MiRNAs with Apoptosis Regulating Potential Are Differentially Expressed in Chronic Exercise-Induced Physiologically Hypertrophied Hearts. <i>PLoS ONE</i> , 2015, 10, e0121401.	2.5	51
8	Abundant and Altered Expression of PIWI-Interacting RNAs during Cardiac Hypertrophy. <i>Heart Lung and Circulation</i> , 2016, 25, 1013-1020.	0.4	48
9	Execution of Superoxide-Induced Cell Death by the Proapoptotic Bcl-2-Related Proteins Bid and Bak. <i>Molecular and Cellular Biology</i> , 2009, 29, 3099-3112.	2.3	46
10	Cardiac isoform of alpha-2 macroglobulin is a new biomarker for myocardial infarcted diabetic patients. <i>Atherosclerosis</i> , 2006, 186, 173-176.	0.8	41
11	Resident Cardiac Mast Cells: Are They the Major Culprit in the Pathogenesis of Cardiac Hypertrophy?. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 5-9.	2.5	37
12	Prolonged monocrotophos intake induces cardiac oxidative stress and myocardial damage in rats. <i>Toxicology</i> , 2013, 307, 103-108.	4.2	32
13	miRNA and piRNA mediated Akt pathway in heart: Antisense expands to survive. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 153-156.	2.8	31
14	Egr-1 mediated cardiac miR-99 family expression diverges physiological hypertrophy from pathological hypertrophy. <i>Experimental Cell Research</i> , 2018, 365, 46-56.	2.6	26
15	Emerging cardiac non-coding landscape: The importance of meta-analysis. <i>Biochimie</i> , 2017, 133, 87-94.	2.6	21
16	Retrotransposons and piRNA: The missing link in central nervous system. <i>Neurochemistry International</i> , 2014, 77, 94-102.	3.8	20
17	Pharmacological Interventions to Prevent Vascular Endothelial Dysfunction: Future Directions. <i>Journal of Health Science</i> , 2008, 54, 1-16.	0.9	15
18	Cardiac isoform of alpha-2 macroglobulin as a novel diagnostic marker for cardiac diseases. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 601-603.	2.8	12

#	ARTICLE	IF	CITATIONS
19	Cardiac Mitochondrial PTEN-L determines cell fate between apoptosis and survival during chronic alcohol consumption. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 590-604.	4.9	12
20	Cardiac isoform of alpha 2 macroglobulin, an early diagnostic marker for cardiac manifestations in AIDS patients. <i>Aids</i> , 2006, 20, 1979-1981.	2.2	11
21	Cardiac mitochondrial dynamics: miR-mediated regulation during cardiac injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 110, 26-34.	1.9	11
22	The plant epitranscriptome: revisiting pseudouridine and 2-methyl RNA modifications. <i>Plant Biotechnology Journal</i> , 2022, 20, 1241-1256.	8.3	10
23	Chronic intake of 4-Methylimidazole induces Hyperinsulinemia and Hypoglycaemia via Pancreatic Beta Cell Hyperplasia and Glucose Dyshomeostasis. <i>Scientific Reports</i> , 2018, 8, 17037.	3.3	9
24	Cardiac Isoform of Alpha 2 Macroglobulin and Its Reliability as a Cardiac Marker in HIV Patients. <i>Heart Lung and Circulation</i> , 2010, 19, 93-95.	0.4	8
25	Context-Dependent Regulation of Nrf2/JARE Axis on Vascular Cell Function during Hyperglycemic Condition. <i>Current Diabetes Reviews</i> , 2020, 16, 797-806.	1.3	8
26	Cardiac isoform of alpha-2 macroglobulin as a novel diagnostic marker for cardiac diseases. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 601-603.	2.8	4
27	The cardiac methylome: A hidden layer of RNA modifications to regulate gene expression. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 152, 40-51.	1.9	3
28	Association of Agriculture Occupational Exposure With Diabetes and Cardiovascular Risk Factors in South Indian Villages: REDSI Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 737505.	2.4	2
29	Genome-wide identification of genetic requirements of <i>Pseudomonas aeruginosa</i> PAO1 for rat cardiomyocyte (H9C2) infection by insertion sequencing. <i>Infection, Genetics and Evolution</i> , 2022, 98, 105231.	2.3	2
30	Emerging Roles of Extracellular Vesicles Derived Non-Coding RNAs in the Cardiovascular System. <i>Sub-Cellular Biochemistry</i> , 2021, 97, 437-453.	2.4	1
31	Inhibition of Drp-1 dependent mitochondrial fission augments alcohol-induced cardiotoxicity via dysregulated Akt signaling. <i>Canadian Journal of Biotechnology</i> , 2017, 1, 136-136.	0.3	0