

Tharmarajan Ramprasath

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,441
citations

331259

21
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

2734
citing authors

#	ARTICLE	IF	CITATIONS
1	ACE2 Deficiency Worsens Epicardial Adipose Tissue Inflammation and Cardiac Dysfunction in Response to Diet-Induced Obesity. <i>Diabetes</i> , 2016, 65, 85-95.	0.3	193
2	Abnormal kynurenine pathway of tryptophan catabolism in cardiovascular diseases. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2899-2916.	2.4	149
3	Gut Microbiota, Endocrine-Disrupting Chemicals, and the Diabetes Epidemic. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 612-625.	3.1	118
4	Angiotensin 1 α 7 mediates renoprotection against diabetic nephropathy by reducing oxidative stress, inflammation, and lipotoxicity. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F812-F821.	1.3	113
5	Gut microbial degradation of organophosphate insecticides-induces glucose intolerance via gluconeogenesis. <i>Genome Biology</i> , 2017, 18, 8.	3.8	88
6	Potential risk modifications of GSTT1, GSTM1 and GSTP1 (glutathione-S-transferases) variants and their association to CAD in patients with type-2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 49-53.	1.0	75
7	β -hydroxybutyrate and its metabolic effects on age-associated pathology. <i>Experimental and Molecular Medicine</i> , 2020, 52, 548-555.	3.2	72
8	Naringenin confers protection against oxidative stress through upregulation of Nrf2 target genes in cardiomyoblast cells. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 407-415.	1.3	53
9	Oxidative Stress, GTPCH1, and Endothelial Nitric Oxide Synthase Uncoupling in Hypertension. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 750-764.	2.5	52
10	MiRNAs with Apoptosis Regulating Potential Are Differentially Expressed in Chronic Exercise-Induced Physiologically Hypertrophied Hearts. <i>PLoS ONE</i> , 2015, 10, e0121401.	1.1	51
11	Abundant and Altered Expression of PIWI-Interacting RNAs during Cardiac Hypertrophy. <i>Heart Lung and Circulation</i> , 2016, 25, 1013-1020.	0.2	48
12	Genetic association of Glutathione peroxidase-1 (GPx-1) and NAD(P)H:Quinone Oxidoreductase 1(NQO1) variants and their association of CAD in patients with type-2 diabetes. <i>Molecular and Cellular Biochemistry</i> , 2012, 361, 143-150.	1.4	47
13	Antagonism of angiotensin 1 α 7 prevents the therapeutic effects of recombinant human ACE2. <i>Journal of Molecular Medicine</i> , 2015, 93, 1003-1013.	1.7	38
14	L-Arginine ameliorates cardiac left ventricular oxidative stress by upregulating eNOS and Nrf2 target genes in alloxan-induced hyperglycemic rats. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 389-394.	1.0	36
15	Molecular analysis of oxalate-induced endoplasmic reticulum stress mediated apoptosis in the pathogenesis of kidney stone disease. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 561-573.	1.3	36
16	Heterozygote loss of ACE2 is sufficient to increase the susceptibility to heart disease. <i>Journal of Molecular Medicine</i> , 2014, 92, 847-858.	1.7	34
17	Potential Impact of Genetic Variants in Nrf2 Regulated Antioxidant Genes and Risk Prediction of Diabetes and Associated Cardiac Complications. <i>Current Medicinal Chemistry</i> , 2013, 20, 4680-4693.	1.2	31
18	Targeting angiotensin-converting enzyme 2 as a new therapeutic target for cardiovascular diseases. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 558-565.	0.7	29

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19	Regression of Oxidative Stress by Targeting eNOS and Nrf2/ARE Signaling: A Guided Drug Target for Cardiovascular Diseases. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 857-871.	1.0	29
20	Egr-1 mediated cardiac miR-99 family expression diverges physiological hypertrophy from pathological hypertrophy. <i>Experimental Cell Research</i> , 2018, 365, 46-56.	1.2	26
21	Ablation of Neuropilin 1 in Myeloid Cells Exacerbates High-Fat Diet-Induced Insulin Resistance Through Nlrp3 Inflammasome In Vivo. <i>Diabetes</i> , 2017, 66, 2424-2435.	0.3	23
22	Tryptophan Catabolism and Inflammation: A Novel Therapeutic Target For Aortic Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 731701.	2.2	16
23	Chrysin attenuates high-fat-diet-induced myocardial oxidative stress via upregulating eNOS and Nrf2 target genes in rats. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2719-2727.	1.4	14
24	A simple whole cell microbial biosensors to monitor soil pollution. , 2017, , 437-481.		11
25	Dual loss of PI3K α and PI3K β signaling leads to an age-dependent cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 155-159.	0.9	9
26	Identification of promoter P <i>cadR</i> , <i>in silico</i> characterization of cadmium resistant gene <i>cadR</i> and molecular cloning of promoter P <i>cadR</i> from <i>Pseudomonas aeruginosa</i> BC15. <i>Toxicology and Industrial Health</i> , 2018, 34, 819-833.	0.6	9
27	Chronic intake of 4-Methylimidazole induces Hyperinsulinemia and Hypoglycaemia via Pancreatic Beta Cell Hyperplasia and Glucose Dyshomeostasis. <i>Scientific Reports</i> , 2018, 8, 17037.	1.6	9
28	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.	0.2	8
29	Context-Dependent Regulation of Nrf2/ARE Axis on Vascular Cell Function during Hyperglycemic Condition. <i>Current Diabetes Reviews</i> , 2020, 16, 797-806.	0.6	8
30	GSTM1-null allele predicts rapid disease progression in nondialysis patients and mortality among South Indian ESRD patients. <i>Molecular and Cellular Biochemistry</i> , 2020, 469, 21-28.	1.4	7
31	Characterization of agarolytic enzymes of <i>Arthrobacter</i> spp. AG-1 for the whole cell conversion of agar into 3,6-anhydro-l-galactose in one pot. <i>Process Biochemistry</i> , 2018, 69, 52-63.	1.8	5
32	Peptide assisted synthesis and functionalization of gold nanoparticles and their adsorption by chitosan particles in aqueous dispersion. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2012, 3, 045010.	0.7	3
33	The Role of Neurohumoral Activation in Cardiac Fibrosis and Heart Failure. , 2015, , 347-381.		0
34	Editorial: Metabolism Linking Immunity and Inflammatory Phenotypes in Cardiovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	0