

Rathinasamy Baskaran

List of Publications by Year in descending order

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47
papers

1,231
citations

394286

19
h-index

395590

33
g-index

48
all docs

48
docs citations

48
times ranked

1769
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxaliplatin resistance in colorectal cancer cells is mediated via activation of ABCG2 to alleviate ER stress induced apoptosis. <i>Journal of Cellular Physiology</i> , 2018, 233, 5458-5467.	2.0	119
2	Protective effect of gallic acid against lindane induced toxicity in experimental rats. <i>Food and Chemical Toxicology</i> , 2011, 49, 991-998.	1.8	97
3	Neuroprotective Role of Phytochemicals. <i>Molecules</i> , 2018, 23, 2485.	1.7	96
4	Swimming exercise stimulates IGF1/ PI3K/Akt and AMPK/SIRT1/PGC1 α survival signaling to suppress apoptosis and inflammation in aging hippocampus. <i>Aging</i> , 2020, 12, 6852-6864.	1.4	76
5	Neferine ameliorates cardiomyoblast apoptosis induced by doxorubicin: possible role in modulating NADPH oxidase/ROS-mediated NF κ B redox signaling cascade. <i>Scientific Reports</i> , 2017, 7, 12283.	1.6	72
6	CXCL2/CXCR2 axis induces cancer stem cell characteristics in CPT β resistant LoVo colon cancer cells via G β 12 and G β q/11. <i>Journal of Cellular Physiology</i> , 2019, 234, 11822-11834.	2.0	59
7	Role of lncRNAs in the cancer development and progression and their regulation by various phytochemicals. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 242-248.	2.5	50
8	Protein phosphatase 2A as therapeutic targets in various disease models. <i>Life Sciences</i> , 2018, 210, 40-46.	2.0	48
9	Quercetin attenuates lindane induced oxidative stress in wistar rats. <i>Molecular Biology Reports</i> , 2012, 39, 6895-6905.	1.0	44
10	Neferine modulates IGF β 1R/Nrf2 signaling in doxorubicin treated H9c2 cardiomyoblasts. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1441-1452.	1.2	38
11	Neferine prevents NF κ B translocation and protects muscle cells from oxidative stress and apoptosis induced by hypoxia. <i>BioFactors</i> , 2016, 42, 407-417.	2.6	37
12	Effect of quercetin against lindane induced alterations in the serum and hepatic tissue lipids in wistar rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 910-915.	0.5	33
13	<i>Antrodia cinnamomea</i> – An updated minireview of its bioactive components and biological activity. <i>Journal of Food Biochemistry</i> , 2019, 43, e12936.	1.2	33
14	Neferine prevents autophagy induced by hypoxia through activation of Akt/mTOR pathway and Nrf2 in muscle cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1407-1413.	2.5	32
15	Detailed insight on β -adrenoceptors as therapeutic targets. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109039.	2.5	28
16	Berberamine ameliorates isoproterenol induced myocardial infarction by inhibiting mitochondrial dysfunction and apoptosis in rats. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3101-3113.	1.2	27
17	An updated review on pharmacological properties of neferine – A bisbenzylisoquinoline alkaloid from <i>Nelumbo nucifera</i> . <i>Journal of Food Biochemistry</i> , 2021, 45, e13986.	1.2	22
18	Tinospora cordifolia extract prevents cadmium-induced oxidative stress and hepatotoxicity in experimental rats. <i>Journal of Ayurveda and Integrative Medicine</i> , 2018, 9, 252-257.	0.9	21

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19	β -Catenin overexpression causes an increase in inflammatory cytokines and NF- κ B activation in cardiomyocytes. Cellular and Molecular Biology, 2017, 63, 17.	0.3	21
20	Tinospora cordifolia extract attenuates cadmium-induced biochemical and histological alterations in the heart of male Wistar rats. Biomedicine and Pharmacotherapy, 2017, 87, 280-287.	2.5	20
21	Bacterial and viral vectors as vaccine delivery vehicles for breast cancer therapy. Life Sciences, 2020, 250, 117550.	2.0	20
22	Modulatory effect of Tinospora cordifolia extract on Cd-induced oxidative stress in Wistar rats. Integrative Medicine Research, 2016, 5, 48-55.	0.7	19
23	Insulinoma-associated protein 1 (INSM1): a potential biomarker and therapeutic target for neuroendocrine tumors. Cellular Oncology (Dordrecht), 2020, 43, 367-376.	2.1	19
24	Enhancement of beta-catenin in cardiomyocytes suppresses survival protein expression but promotes apoptosis and fibrosis. Cardiology Journal, 2017, 24, 195-205.	0.5	19
25	Neferine from Nelumbo nucifera modulates oxidative stress and cytokines production during hypoxia in human peripheral blood mononuclear cells. Biomedicine and Pharmacotherapy, 2017, 93, 730-736.	2.5	16
26	The Content of Heavy Metals in Cigarettes and the Impact of Their Leachates on the Aquatic Ecosystem. Sustainability, 2022, 14, 4752.	1.6	16
27	Intracerebral transplantation of autologous adipose-derived stem cells for chronic ischemic stroke: A phase I study. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 3-13.	1.3	14
28	Neferine, a bisbenzylisoquinoline alkaloid, offers protection against cobalt chloride-mediated hypoxia-induced oxidative stress in muscle cells. Integrative Medicine Research, 2015, 4, 231-241.	0.7	13
29	Acute hypoxic preconditioning prevents palmitic acid-induced cardiomyocyte apoptosis via switching metabolic GLUT4-glucose pathway back to CD36-fatty acid dependent. Journal of Cellular Biochemistry, 2018, 119, 3363-3372.	1.2	13
30	Biomaterial aided differentiation and maturation of induced pluripotent stem cells. Journal of Cellular Physiology, 2019, 234, 8443-8454.	2.0	13
31	Increased β -catenin accumulation and nuclear translocation are associated with concentric hypertrophy in cardiomyocytes. Cardiovascular Pathology, 2017, 31, 9-16.	0.7	12
32	Bioactive dipeptide from potato protein hydrolysate combined with swimming exercise prevents high fat diet induced hepatocyte apoptosis by activating PI3K/Akt in SAMP8 mouse. Molecular Biology Reports, 2021, 48, 2629-2637.	1.0	10
33	Anti-Fatigue and Exercise Performance Improvement Effect of Glossogyne tenuifolia Extract in Mice. Nutrients, 2022, 14, 1011.	1.7	9
34	Phytonanoconjugates in Oral medicine. , 2017, , 639-668.		8
35	Short-Term Hypoxia Reverses OxLDL-Induced CD36 and GLUT4 Switching Metabolic Pathways in H9c2 Cardiomyoblast Cells. Journal of Cellular Biochemistry, 2017, 118, 3785-3795.	1.2	7
36	LPS-enhanced IGF1R pathway to induce H9c2 cardiomyoblast cell hypertrophy was attenuated by <i>Carthamus tinctorius</i> extract via IGF1R activation. Environmental Toxicology, 2020, 35, 145-151.	2.1	7

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37	Insinuating cocktailed components in biocompatible-nanoparticles could act as an impressive neo-adjuvant strategy to combat COVID-19. , 2021, 1, 3-7.		7
38	Neferine attenuates doxorubicin-induced fibrosis and hypertrophy in H9c2 cells. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23054.	1.4	7
39	Role of potato protein hydrolysate and exercise in preventing high-fat diet-induced hepatocyte apoptosis in senescence-accelerated mouse. Journal of Food Biochemistry, 2020, 44, e13525.	1.2	6
40	Bioactive Peptides and Exercise Modulate the AMPK/SIRT1/PGC-1 β /FOXO3 Pathway as a Therapeutic Approach for Hypertensive Rats. Pharmaceuticals, 2022, 15, 819.	1.7	6
41	Characterization of striatal phenotypes in heterozygous Disc1 mutant mice, a model of haploinsufficiency. Journal of Comparative Neurology, 2020, 528, 1157-1172.	0.9	5
42	Reversal of doxorubicin resistance in lung cancer cells by neferine is explained by nuclear factor erythroid-derived 2-like 2 mediated lung resistance protein down regulation. , 2020, 3, 647-665.		3
43	Decapeptide from Potato Hydrolysate Induces Myogenic Differentiation and Ameliorates High Glucose-Associated Modulations in Protein Synthesis and Mitochondrial Biogenesis in C2C12 Cells. Biomolecules, 2022, 12, 565.	1.8	3
44	Abstract A209: Tumor-macrophage fusion hybrids contribute to radiation-induced progression of pancreatic cancer. , 2018, , .		0
45	Altered striatal dopaminergic system in heterozygous Disc1 mutant mice. FASEB Journal, 2019, 33, 447.4.	0.2	0
46	Ethanol extract of Puhuang (Pollen Typhae) modulates lipopolysaccharide-induced inflammatory response through inducible nitric oxide synthase / cyclooxygenase-2 signaling in RAW 264.7 macrophage.. Journal of Traditional Chinese Medicine, 2021, 41, 836-844.	0.1	0
47	Low-dose rapamycin prevents AngII-induced toxicity in Leydig cells and testicular dysfunction in hypertensive SHR model. Journal of Biochemical and Molecular Toxicology, 0, , .	1.4	0