

Rathinasamy Baskaran

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,231
citations

394286

19
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395590

33
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all docs

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docs citations

48
times ranked

1769
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracerebral transplantation of autologous adipose-derived stem cells for chronic ischemic stroke: A phase I study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 3-13.	1.3	14
2	Anti-Fatigue and Exercise Performance Improvement Effect of <i>Glossogyne tenuifolia</i> Extract in Mice. <i>Nutrients</i> , 2022, 14, 1011.	1.7	9
3	Neferine attenuates doxorubicin-induced fibrosis and hypertrophy in H9c2 cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23054.	1.4	7
4	The Content of Heavy Metals in Cigarettes and the Impact of Their Leachates on the Aquatic Ecosystem. <i>Sustainability</i> , 2022, 14, 4752.	1.6	16
5	Decapeptide from Potato Hydrolysate Induces Myogenic Differentiation and Ameliorates High Glucose-Associated Modulations in Protein Synthesis and Mitochondrial Biogenesis in C2C12 Cells. <i>Biomolecules</i> , 2022, 12, 565.	1.8	3
6	Bioactive Peptides and Exercise Modulate the AMPK/SIRT1/PGC-1 β /FOXO3 Pathway as a Therapeutic Approach for Hypertensive Rats. <i>Pharmaceuticals</i> , 2022, 15, 819.	1.7	6
7	Bioactive dipeptide from potato protein hydrolysate combined with swimming exercise prevents high fat diet induced hepatocyte apoptosis by activating PI3K/Akt in SAMP8 mouse. <i>Molecular Biology Reports</i> , 2021, 48, 2629-2637.	1.0	10
8	Insinuating cocktailed components in biocompatible-nanoparticles could act as an impressive neo-adjuvant strategy to combat COVID-19. , 2021, 1, 3-7.		7
9	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
10	Ethanol extract of Puhuang (<i>Pollen Typhae</i>) modulates lipopolysaccharide-induced inflammatory response through inducible nitric oxide synthase / cyclooxygenase-2 signaling in RAW 264.7 macrophage.. <i>Journal of Traditional Chinese Medicine</i> , 2021, 41, 836-844.	0.1	0
11	LPS-enhanced IGF1R pathway to induce H9c2 cardiomyoblast cell hypertrophy was attenuated by <i>Carthamus tinctorius</i> extract via IGF1R activation. <i>Environmental Toxicology</i> , 2020, 35, 145-151.	2.1	7
12	Characterization of striatal phenotypes in heterozygous <i>Disc1</i> mutant mice, a model of haploinsufficiency. <i>Journal of Comparative Neurology</i> , 2020, 528, 1157-1172.	0.9	5
13	Role of potato protein hydrolysate and exercise in preventing high-fat diet-induced hepatocyte apoptosis in senescence-accelerated mouse. <i>Journal of Food Biochemistry</i> , 2020, 44, e13525.	1.2	6
14	Insulinoma-associated protein 1 (INSM1): a potential biomarker and therapeutic target for neuroendocrine tumors. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 367-376.	2.1	19
15	Bacterial and viral vectors as vaccine delivery vehicles for breast cancer therapy. <i>Life Sciences</i> , 2020, 250, 117550.	2.0	20
16	Swimming exercise stimulates IGF1/ PI3K/Akt and AMPK/SIRT1/PGC-1 β survival signaling to suppress apoptosis and inflammation in aging hippocampus. <i>Aging</i> , 2020, 12, 6852-6864.	1.4	76
17	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
18	Detailed insight on β -adrenoceptors as therapeutic targets. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109039.	2.5	28

#	ARTICLE	IF	CITATIONS
19	<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
20	Berbamine 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
21	Biomaterial aided differentiation and maturation of induced pluripotent stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 8443-8454.	2.0	13
22	CXCL2/CXCR2 axis induces cancer stem cell characteristics in CPT1b-resistant LoVo colon cancer cells via Glut4 and Glut11. <i>Journal of Cellular Physiology</i> , 2019, 234, 11822-11834.	2.0	59
23	Altered striatal dopaminergic system in heterozygous <i>Disc1</i> mutant mice. <i>FASEB Journal</i> , 2019, 33, 447.4.	0.2	0
24	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
25	Neferine modulates IGF1R/Nrf2 signaling in doxorubicin treated H9c2 cardiomyoblasts. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1441-1452.	1.2	38
26	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
27	Acute hypoxic preconditioning prevents palmitic acid-induced cardiomyocyte apoptosis via switching metabolic GLUT4 glucose pathway back to CD36 fatty acid dependent. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3363-3372.	1.2	13
28	Neuroprotective Role of Phytochemicals. <i>Molecules</i> , 2018, 23, 2485.	1.7	96
29	<i>Tinospora cordifolia</i> 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
30	Protein phosphatase 2A as therapeutic targets in various disease models. <i>Life Sciences</i> , 2018, 210, 40-46.	2.0	48
31	Abstract A209: Tumor-macrophage fusion hybrids contribute to radiation-induced progression of pancreatic cancer. , 2018, , .		0
32	Short-Term Hypoxia Reverses OxLDL-Induced CD36 and GLUT4 Switching Metabolic Pathways in H9c2 Cardiomyoblast Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3785-3795.	1.2	7
33	<i>Tinospora cordifolia</i> extract attenuates cadmium-induced biochemical and histological alterations in the heart of male Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 280-287.	2.5	20
34	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
35	Phytonanoconjugates in Oral medicine. , 2017, , 639-668.		8
36	Increased β -catenin accumulation and nuclear translocation are associated with concentric hypertrophy in cardiomyocytes. <i>Cardiovascular Pathology</i> , 2017, 31, 9-16.	0.7	12

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37	Neferine from <i>Nelumbo nucifera</i> modulates oxidative stress and cytokines production during hypoxia in human peripheral blood mononuclear cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 730-736.	2.5	16
38	β -Catenin overexpression causes an increase in inflammatory cytokines and NF- κ B activation in cardiomyocytes. <i>Cellular and Molecular Biology</i> , 2017, 63, 17.	0.3	21
39	Enhancement of beta-catenin in cardiomyocytes suppresses survival protein expression but promotes apoptosis and fibrosis. <i>Cardiology Journal</i> , 2017, 24, 195-205.	0.5	19
40	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
41	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
42	Modulatory effect of <i>Tinospora cordifolia</i> extract on Cd-induced oxidative stress in Wistar rats. <i>Integrative Medicine Research</i> , 2016, 5, 48-55.	0.7	19
43	Neferine, a bisbenzylisoquinoline alkaloid, offers protection against cobalt chloride-mediated hypoxia-induced oxidative stress in muscle cells. <i>Integrative Medicine Research</i> , 2015, 4, 231-241.	0.7	13
44	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
45	Quercetin attenuates lindane induced oxidative stress in wistar rats. <i>Molecular Biology Reports</i> , 2012, 39, 6895-6905.	1.0	44
46	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
47	Low-dose rapamycin prevents Ang-II-induced toxicity in Leydig cells and testicular dysfunction in hypertensive SHR model. <i>Journal of Biochemical and Molecular Toxicology</i> , 0, , .	1.4	0