

Avinash Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,119
citations

394286

19
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

1284
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia lowering reverses sarcopenia of cirrhosis by restoring skeletal muscle proteostasis. <i>Hepatology</i> , 2017, 65, 2045-2058.	3.6	147
2	Kaempferol has osteogenic effect in ovariectomized adult Spragueâ€Dawley rats. <i>Molecular and Cellular Endocrinology</i> , 2008, 289, 85-93.	1.6	130
3	Hyperammonaemiaâ€induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. <i>Journal of Physiology</i> , 2016, 594, 7341-7360.	1.3	122
4	Metabolic adaptation of skeletal muscle to hyperammonemia drives the beneficial effects of l-leucine in cirrhosis. <i>Journal of Hepatology</i> , 2016, 65, 929-937.	1.8	96
5	Effects of Egb 761 on bone mineral density, bone microstructure, and osteoblast function: Possible roles of quercetin and kaempferol. <i>Molecular and Cellular Endocrinology</i> , 2009, 302, 86-91.	1.6	86
6	Oxidative stress mediates ethanol-induced skeletal muscle mitochondrial dysfunction and dysregulated protein synthesis and autophagy. <i>Free Radical Biology and Medicine</i> , 2019, 145, 284-299.	1.3	63
7	Constituents of <i>Dalbergia sissoo</i> Roxb. leaves with osteogenic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 890-897.	1.0	48
8	Dietary flavonoid kaempferol inhibits glucocorticoid-induced bone loss by promoting osteoblast survival. <i>Nutrition</i> , 2018, 53, 64-76.	1.1	48
9	A standardized phytopreparation from an Indian medicinal plant (<i>Dalbergia sissoo</i>) has antiresorptive and bone-forming effects on a postmenopausal osteoporosis model of rat. <i>Menopause</i> , 2012, 19, 1336-1346.	0.8	40
10	In vivo efficacy studies of layer-by-layer nano-matrix bearing kaempferol for the conditions of osteoporosis: A study in ovariectomized rat model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 508-517.	2.0	33
11	Ethanol sensitizes skeletal muscle to ammonia-induced molecular perturbations. <i>Journal of Biological Chemistry</i> , 2019, 294, 7231-7244.	1.6	31
12	Identification of kaempferolâ€regulated proteins in rat calvarial osteoblasts during mineralization by proteomics. <i>Proteomics</i> , 2010, 10, 1730-1739.	1.3	28
13	Extract and fraction from <i>Ulmus wallichiana</i> Planchon promote peak bone achievement and have a nonestrogenic osteoprotective effect. <i>Menopause</i> , 2010, 17, 393-402.	0.8	26
14	Synthesis and biological evaluation of indolyl bisphosphonates as anti-bone resorptive and anti-leishmanial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8482-8491.	1.4	25
15	Formononetin reverses established osteopenia in adult ovariectomized rats. <i>Menopause</i> , 2012, 19, 856-863.	0.8	25
16	Osteogenic efficacy enhancement of kaempferol through an engineered layer-by-layer matrix: a study in ovariectomized rats. <i>Nanomedicine</i> , 2013, 8, 757-771.	1.7	24
17	Multiomics-Identified Intervention to Restore Ethanol-Induced Dysregulated Proteostasis and Secondary Sarcopenia in Alcoholic Liver Disease. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 91-116.	1.1	24
18	Fast and long acting neoflavonoids dalbergin isolated from <i>Dalbergia sissoo</i> heartwood is osteoprotective in ovariectomized model of osteoporosis: Osteoprotective effect of Dalbergin. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 942-957.	2.5	22

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19	A novel flavonoid, 6-C- β -d-glucopyranosyl-(2S,3S)-(+)-3,4,5,7-tetrahydroxyflavanone, isolated from <i>Ulmus wallichiana</i> Planchon mitigates ovariectomy-induced osteoporosis in rats. <i>Menopause</i> , 2010, 17, 577-586.	0.8	21
20	Impaired Ribosomal Biogenesis by Noncanonical Degradation of β -Catenin during Hyperammonemia. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	18
21	Activated Protein Phosphatase 2A Disrupts Nutrient Sensing Balance Between Mechanistic Target of Rapamycin Complex 1 and Adenosine Monophosphate-Activated Protein Kinase, Causing Sarcopenia in Alcohol-Associated Liver Disease. <i>Hepatology</i> , 2021, 73, 1892-1908.	3.6	17
22	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence. <i>JCI Insight</i> , 2021, 6, .	2.3	17
23	Integrated multiomics analysis identifies molecular landscape perturbations during hyperammonemia in skeletal muscle and myotubes. <i>Journal of Biological Chemistry</i> , 2021, 297, 101023.	1.6	10
24	Detrimental effects of atherogenic and high fat diet on bone and aortic calcification rescued by an isoflavonoid Caviunin β -d-glucopyranoside. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 757-771.	2.5	7
25	Cardiac expression of microRNA-7 is associated with adverse cardiac remodeling. <i>Scientific Reports</i> , 2021, 11, 22018.	1.6	6
26	Condensin II protein dysfunction impacts mitochondrial respiration and stress response. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	5