Avinash Kumar

List of Publications by Year
in descending order

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26	1,119	394286	552653
papers	citations	19 h-index	26 g-index

27	27	27	1284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activated Protein Phosphatase 2A Disrupts Nutrient Sensing Balance Between Mechanistic Target of Rapamycin Complex 1 and Adenosine Monophosphateâ€“Activated Protein Kinase, Causing Sarcopenia in Alcoholâ€Associated Liver Disease. Hepatology, 2021, 73, 1892-1908.	3.6	17
2	Multiomics-Identified Intervention to Restore Ethanol-Induced Dysregulated Proteostasis and Secondary Sarcopenia in Alcoholic Liver Disease. Cellular Physiology and Biochemistry, 2021, 55, 91-116.	1.1	24
3	Integrated multiomics analysis identifies molecular landscape perturbations during hyperammonemia in skeletal muscle and myotubes. Journal of Biological Chemistry, 2021, 297, 101023.	1.6	10
4	Cardiac expression of microRNA-7 is associated with adverse cardiac remodeling. Scientific Reports, 2021, 11, 22018.	1.6	6
5	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence. JCI Insight, 2021, 6, .	2.3	17
6	Oxidative stress mediates ethanol-induced skeletal muscle mitochondrial dysfunction and dysregulated protein synthesis and autophagy. Free Radical Biology and Medicine, 2019, 145, 284-299.	1.3	63
7	Impaired Ribosomal Biogenesis by Noncanonical Degradation of Î²-Catenin during Hyperammonemia. Molecular and Cellular Biology, 2019, 39, .	1.1	18
8	Ethanol sensitizes skeletal muscle to ammonia-induced molecular perturbations. Journal of Biological Chemistry, 2019, 294, 7231-7244.	1.6	31
9	Condensin II protein dysfunction impacts mitochondrial respiration and stress response. Journal of Cell Science, 2019, 132, .	1.2	5
10	Dietary flavonoid kaempferol inhibits glucocorticoid-induced bone loss by promoting osteoblast survival. Nutrition, 2018, 53, 64-76.	1.1	48
11	Ammonia lowering reverses sarcopenia of cirrhosis by restoring skeletal muscle proteostasis. Hepatology, 2017, 65, 2045-2058.	3.6	147
12	Detrimental effects of atherogenic and high fat diet on bone and aortic calcification rescued by an isoflavonoid Caviunin Î²-d-glucopyranoside. Biomedicine and Pharmacotherapy, 2017, 92, 757-771.	2.5	7
13	Hyperammonaemiaâ€induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. Journal of Physiology, 2016, 594, 7341-7360.	1.3	122
14	Fast and long acting neoflavonoids dalbergin isolated from Dalbergia sissoo heartwood is osteoprotective in ovariectomized model of osteoporosis: Osteoprotective effect of Dalbergin. Biomedicine and Pharmacotherapy, 2016, 83, 942-957.	2.5	22
15	Metabolic adaptation of skeletal muscle to hyperammonemia drives the beneficial effects of l-leucine in cirrhosis. Journal of Hepatology, 2016, 65, 929-937.	1.8	96
16	Osteogenic efficacy enhancement of kaempferol through an engineered layer-by-layer matrix: a study in ovariectomized rats. Nanomedicine, 2013, 8, 757-771.	1.7	24
17	A standardized phytopreparation from an Indian medicinal plant (Dalbergia sissoo) has antiresorptive and bone-forming effects on a postmenopausal osteoporosis model of rat. Menopause, 2012, 19, 1336-1346.	0.8	40
18	Formononetin reverses established osteopenia in adult ovariectomized rats. Menopause, 2012, 19, 856-863.	0.8	25

#	Article	IF	Citations
19	In vivo efficacy studies of layer-by-layer nano-matrix bearing kaempferol for the conditions of osteoporosis: A study in ovariectomized rat model. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 82, 508-517.	2.0	33
20	Constituents of Dalbergia sissoo Roxb. leaves with osteogenic activity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 890-897.	1.0	48
21	Extract and fraction from Ulmus wallichiana Planchon promote peak bone achievement and have a nonestrogenic osteoprotective effect. Menopause, 2010, 17, 393-402.	0.8	26
22	Identification of kaempferolâ€regulated proteins in rat calvarial osteoblasts during mineralization by proteomics. Proteomics, 2010, 10, 1730-1739.	1.3	28
23	A novel flavonoid, 6-C-Î²-d-glucopyranosyl-(2S,3S)-(+)-3â€²,4â€²,5,7-tetrahydroxyflavanone, isolated from Ulmus wallichiana Planchon mitigates ovariectomy-induced osteoporosis in rats. Menopause, 2010, 17, 577-586.	0.8	21
24	Effects of Egb 761 on bone mineral density, bone microstructure, and osteoblast function: Possible roles of quercetin and kaempferol. Molecular and Cellular Endocrinology, 2009, 302, 86-91.	1.6	86
25	Synthesis and biological evaluation of indolyl bisphosphonates as anti-bone resorptive and anti-leishmanial agents. Bioorganic and Medicinal Chemistry, 2008, 16, 8482-8491.	1.4	25
26	Kaempferol has osteogenic effect in ovariectomized adult Sprague€“Dawley rats. Molecular and Cellular Endocrinology, 2008, 289, 85-93.	1.6	130