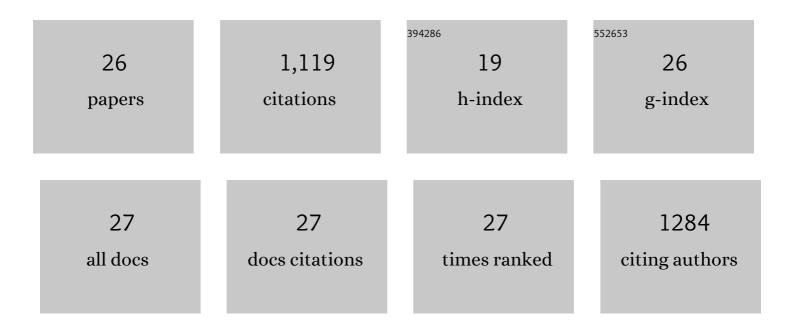
Avinash Kumar

List of Publications by Year in descending order

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AVINASH KUMAD

#	Article	IF	CITATIONS
1	Ammonia lowering reverses sarcopenia of cirrhosis by restoring skeletal muscle proteostasis. Hepatology, 2017, 65, 2045-2058.	3.6	147
2	Kaempferol has osteogenic effect in ovariectomized adult Sprague–Dawley rats. Molecular and Cellular Endocrinology, 2008, 289, 85-93.	1.6	130
3	Hyperammonaemiaâ€induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. Journal of Physiology, 2016, 594, 7341-7360.	1.3	122
4	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
5	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
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	Constituents of Dalbergia sissoo Roxb. leaves with osteogenic activity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 890-897.	1.0	48
8	Dietary flavonoid kaempferol inhibits glucocorticoid-induced bone loss by promoting osteoblast survival. Nutrition, 2018, 53, 64-76.	1.1	48
9	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
10	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
11	Ethanol sensitizes skeletal muscle to ammonia-induced molecular perturbations. Journal of Biological Chemistry, 2019, 294, 7231-7244.	1.6	31
12	Identification of kaempferolâ€regulated proteins in rat calvarial osteoblasts during mineralization by proteomics. Proteomics, 2010, 10, 1730-1739.	1.3	28
13	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
14	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
15	Formononetin reverses established osteopenia in adult ovariectomized rats. Menopause, 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. Nanomedicine, 2013, 8, 757-771.	1.7	24
17	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
18	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

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#	Article	IF	Citations
19	A novel flavonoid, 6-C-β-d-glucopyranosyl-(2S,3S)-(+)-3′,4′,5,7-tetrahydroxyflavanone, isolated from Ulmus wallichiana Planchon mitigates ovariectomy-induced osteoporosis in rats. Menopause, 2010, 17, 577-586.	0.8	21
20	Impaired Ribosomal Biogenesis by Noncanonical Degradation of <i>β</i> -Catenin during Hyperammonemia. Molecular and Cellular Biology, 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 Alcoholâ€Associated Liver Disease. Hepatology, 2021, 73, 1892-1908.	3.6	17
22	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence. JCI Insight, 2021, 6, .	2.3	17
23	Integrated multiomics analysis identifies molecular landscape perturbations during hyperammonemia in skeletal muscle and myotubes. Journal of Biological Chemistry, 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. Biomedicine and Pharmacotherapy, 2017, 92, 757-771.	2.5	7
25	Cardiac expression of microRNA-7 is associated with adverse cardiac remodeling. Scientific Reports, 2021, 11, 22018.	1.6	6
26	Condensin II protein dysfunction impacts mitochondrial respiration and stress response. Journal of Cell Science, 2019, 132, .	1.2	5