Jyotirmaya Behera

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11288319/publications.pdf

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31	883	430874	501196
papers	citations	18	28
		h-index	g-index

31	31	31	1017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exosomes: mediators of bone diseases, protection, and therapeutics potential. Oncoscience, 2018, 5, 181-195.	2.2	90
2	The role of gut microbiota in bone homeostasis. Bone, 2020, 135, 115317.	2.9	78
3	Hydrogen sulfide epigenetically mitigates bone loss through OPG/RANKL regulation during hyperhomocysteinemia in mice. Bone, 2018, 114, 90-108.	2.9	66
4	Homocysteine as a Pathological Biomarker for Bone Disease. Journal of Cellular Physiology, 2017, 232, 2704-2709.	4.1	61
5	Exosomal lncRNA-H19 promotes osteogenesis and angiogenesis through mediating Angpt1/Tie2-NO signaling in CBS-heterozygous mice. Theranostics, 2021, 11, 7715-7734.	10.0	59
6	Tetrahydrocurcumin epigenetically mitigates mitochondrial dysfunction in brain vasculature during ischemic stroke. Neurochemistry International, 2019, 122, 120-138.	3.8	54
7	Hydrogen sulfide alleviates hyperhomocysteinemia-mediated skeletal muscle atrophy via mitigation of oxidative and endoplasmic reticulum stress injury. American Journal of Physiology - Cell Physiology, 2018, 315, C609-C622.	4.6	46
8	Garlic exosome-like nanoparticles reverse high-fat diet induced obesity via the gut/brain axis. Theranostics, 2022, 12, 1220-1246.	10.0	44
9	Hydrogen Sulfide Promotes Bone Homeostasis by Balancing Inflammatory Cytokine Signaling in CBS-Deficient Mice through an Epigenetic Mechanism. Scientific Reports, 2018, 8, 15226.	3.3	41
10	Hydrogen sulfide improves postischemic neoangiogenesis in the hind limb of cystathionine-Î²-synthase mutant mice via PPAR-Î³/VEGF axis. Physiological Reports, 2018, 6, e13858.	1.7	37
11	Breast cancer drugs dampen vascular functions by interfering with nitric oxide signaling in endothelium. Toxicology and Applied Pharmacology, 2013, 269, 121-131.	2.8	29
12	Exercise Mitigates Alcohol Induced Endoplasmic Reticulum Stress Mediated Cognitive Impairment through ATF6-Herp Signaling. Scientific Reports, 2018, 8, 5158.	3.3	29
13	Exercise-Linked Skeletal Irisin Ameliorates Diabetes-Associated Osteoporosis by Inhibiting the Oxidative Damageâ€“Dependent miR-150-FNDC5/Pyroptosis Axis. Diabetes, 2022, 71, 2777-2792.	0.6	29
14	Tetrahydrocurcumin ameliorates homocysteineâ€mediated mitochondrial remodeling in brain endothelial cells. Journal of Cellular Physiology, 2018, 233, 3080-3092.	4.1	25
15	Hypermethylation: Causes and Consequences in Skeletal Muscle Myopathy. Journal of Cellular Biochemistry, 2017, 118, 2108-2117.	2.6	23
16	Hyperhomocysteinemia induced endothelial progenitor cells dysfunction through hyper-methylation of CBS promoter. Biochemical and Biophysical Research Communications, 2019, 510, 135-141.	2.1	23
17	Hydrogen sulfide attenuates homocysteineâ€induced osteoblast dysfunction by inhibiting mitochondrial toxicity. Journal of Cellular Physiology, 2019, 234, 18602-18614.	4.1	23
18	Probiotics Stimulate Bone Formation in Obese Mice via Histone Methylations. Theranostics, 2021, 11, 8605-8623.	10.0	22

#	Article	IF	Citations
19	Rebuilding Microbiome for Mitigating Traumatic Brain Injury: Importance of Restructuring the Gut-Microbiome-Brain Axis. Molecular Neurobiology, 2021, 58, 3614-3627.	4.0	20
20	Hydrogen sulfide, endoplasmic reticulum stress and alcohol mediated neurotoxicity. Brain Research Bulletin, 2017, 130, 251-256.	3.0	17
21	Mechanisms of autophagy and mitophagy in skeletal development, diseases and therapeutics. Life Sciences, 2022, 301, 120595.	4.3	16
22	Role of hydrogen sulfide in the musculoskeletal system. Bone, 2019, 124, 33-39.	2.9	15
23	Hydrogen sulfide prevents ethanolâ€induced ZOâ€1 CpG promoter hypermethylationâ€dependent vascular permeability via miRâ€218/DNMT3a axis. Journal of Cellular Physiology, 2021, 236, 6852-6867.	4.1	12
24	Allyl sulfide promotes osteoblast differentiation and bone density via reducing mitochondrial DNA release mediated Kdm6b/H3K27me3 epigenetic mechanism. Biochemical and Biophysical Research Communications, 2021, 543, 87-94.	2.1	11
25	Nitric oxide restores peripheral blood mononuclear cell adhesion against hypoxia via NOâ€cGMP signalling. Cell Biochemistry and Function, 2020, 38, 319-329.	2.9	4
26	Diabetic Covid-19 severity: Impaired glucose tolerance and pathologic bone loss. Biochemical and Biophysical Research Communications, 2022, 620, 180-187.	2.1	4
27	Temporal dynamics of nitric oxide wave in early vasculogenesis. Vascular Medicine, 2022, 27, 3-12.	1.5	2
28	Altered Nonâ€Coding RNAâ€Histone Acetylation Regulatory Circuit Is Associated With Cognitive Impairment via Gut Dysbiosis in Aging Mice. FASEB Journal, 2019, 33, 714.3.	0.5	2
29	Probiotics Ameliorate Gutâ€Microbial Dysbiosis, Intestinal Permeability, Systemic Inflammation, and Skeletal Muscle Dysfunction in Cystathionineâ€Î²â€synthaseâ€Deficient Mice. FASEB Journal, 2019, 33, 701.16.	0.5	1
30	Probiotic Treatment Induces Neuroprotection in Hyperhomocysteinemia Mice after Ischemic Stroke. FASEB Journal, 2018, 32, 921.7.	0.5	0
31	Gut Microbiome Manipulation Promotes Bone Anabolism via Regulatory Tâ€Cell Differentiation in Obese Mice. FASEB Journal, 2018, 32, 924.5.	0.5	0