

Yonggeun Hong

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,826
citations

430442

18
h-index

276539

41
g-index

85
all docs

85
docs citations

85
times ranked

15108
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Therapeutic Implications for Overcoming Radiation Resistance in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26880-26913.	1.8	165
3	Melatonin treatment induces interplay of apoptosis, autophagy, and senescence in human colorectal cancer cells. <i>Journal of Pineal Research</i> , 2014, 56, 264-274.	3.4	117
4	Pathophysiological and neurobehavioral characteristics of a propionic acid-mediated autism-like rat model. <i>PLoS ONE</i> , 2018, 13, e0192925.	1.1	72
5	The effects of smartphone use on upper extremity muscle activity and pain threshold. <i>Journal of Physical Therapy Science</i> , 2015, 27, 1743-1745.	0.2	69
6	REVIEW ARTICLE: Melatonin plus exercise-based neurorehabilitative therapy for spinal cord injury. <i>Journal of Pineal Research</i> , 2010, 49, 201-209.	3.4	60
7	Neurocognitive effects of melatonin treatment in healthy adults and individuals with Alzheimer's disease and insomnia: A systematic review and meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 459-473.	2.9	51
8	Synergistic effect of melatonin on exercise-induced neuronal reconstruction and functional recovery in a spinal cord injury animal model. <i>Journal of Pineal Research</i> , 2010, 48, 270-281.	3.4	46
9	Molecular and Functional Interaction of the Myokine Irisin with Physical Exercise and Alzheimer's Disease. <i>Molecules</i> , 2018, 23, 3229.	1.7	42
10	Beneficial effects of endogenous and exogenous melatonin on neural reconstruction and functional recovery in an animal model of spinal cord injury. <i>Journal of Pineal Research</i> , 2012, 52, 107-119.	3.4	41
11	Characterization of Cerebral Damage in a Monkey Model of Alzheimer's Disease Induced by Intracerebroventricular Injection of Streptozotocin. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 989-1005.	1.2	40
12	Middle cerebral artery occlusion methods in rat versus mouse models of transient focal cerebral ischemic stroke. <i>Neural Regeneration Research</i> , 2014, 9, 757.	1.6	36
13	Salutary effects of melatonin combined with treadmill exercise on cartilage damage. <i>Journal of Pineal Research</i> , 2014, 57, 53-66.	3.4	35
14	The Relationship between Autism Spectrum Disorder and Melatonin during Fetal Development. <i>Molecules</i> , 2018, 23, 198.	1.7	34
15	Beneficial Effects of Melatonin Combined with Exercise on Endogenous Neural Stem/Progenitor Cells Proliferation after Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2207-2222.	1.8	32
16	Molecular Interactions of Autophagy with the Immune System and Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1694.	1.8	29
17	Influence of Altered Gut Microbiota Composition on Aging and Aging-Related Diseases. <i>Journal of Lifestyle Medicine</i> , 2018, 8, 1-7.	0.3	28
18	Role of melatonin combined with exercise as a switch-like regulator for circadian behavior in advanced osteoarthritic knee. <i>Oncotarget</i> , 2017, 8, 97633-97647.	0.8	23

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19	Comparison of Surgical Methods of Transient Middle Cerebral Artery Occlusion between Rats and Mice. <i>Journal of Veterinary Medical Science</i> , 2014, 76, 1555-1561.	0.3	18
20	Beneficial effects of melatonin on stroke-induced muscle atrophy in focal cerebral ischemic rats. <i>Laboratory Animal Research</i> , 2012, 28, 47.	1.1	17
21	Forced Exercise Enhances Functional Recovery after Focal Cerebral Ischemia in Spontaneously Hypertensive Rats. <i>Brain Sciences</i> , 2012, 2, 483-503.	1.1	15
22	Recent Advances in Electrochemical and Optical Sensors for Detecting Tryptophan and Melatonin. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6861-6888.	3.3	15
23	Melatonin as a Novel Interventional Candidate for Fragile X Syndrome with Autism Spectrum Disorder in Humans. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1314.	1.8	14
24	The Incremental Induction of Neuroprotective Properties by Multiple Therapeutic Strategies for Primary and Secondary Neural Injury. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19657-19670.	1.8	12
25	Physiological and Pathological Role of Circadian Hormones in Osteoarthritis: Dose-Dependent or Time-Dependent?. <i>Journal of Clinical Medicine</i> , 2019, 8, 1415.	1.0	12
26	Elevated Serum Melatonin under Constant Darkness Enhances Neural Repair in Spinal Cord Injury through Regulation of Circadian Clock Proteins Expression. <i>Journal of Clinical Medicine</i> , 2019, 8, 135.	1.0	11
27	Differential role of melatonin in healthy brain aging: a systematic review and meta-analysis of the SAMP8 model. <i>Aging</i> , 2021, 13, 9373-9397.	1.4	11
28	Circadian Rhythm Disruption and Subsequent Neurological Disorders in Night-Shift Workers. <i>Journal of Lifestyle Medicine</i> , 2017, 7, 45-50.	0.3	11
29	Therapeutic physical exercise in neural injury: friend or foe?. <i>Journal of Physical Therapy Science</i> , 2015, 27, 3933-3935.	0.2	8
30	Pathophysiological role of endogenous irisin against tumorigenesis and metastasis: Is it a potential biomarker and therapeutic?. <i>Tumor Biology</i> , 2019, 41, 101042831989279.	0.8	8
31	Protective Effects of Melatonin against Severe Burn-Induced Distant Organ Injury: A Systematic Review and Meta-Analysis of Experimental Studies. <i>Antioxidants</i> , 2020, 9, 1196.	2.2	8
32	Neurodegenerative effect of DAPK1 after cerebral hypoxia-ischemia is associated with its post-transcriptional and signal transduction regulations: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2022, 76, 101593.	5.0	8
33	Conditional Controlled Light/Dark Cycle Influences Exercise-Induced Benefits in a Rat Model with Osteoarthritis: In Vitro and In Vivo Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1855.	1.0	7
34	Benefits of Physical Exercise for Individuals with Fragile X Syndrome in Humans. <i>Journal of Lifestyle Medicine</i> , 2015, 5, 35-38.	0.3	6
35	Melatonin Maintains Anabolic-Catabolic Equilibrium and Regulates Circadian Rhythm During Osteoarthritis Development in Animal Models: A Systematic Review and Meta-analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 714974.	1.6	5
36	Melatonin combined with exercise cannot alleviate cerebral injury in a rat model of focal cerebral ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , 2012, 7, 993-9.	1.6	4

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37	Pre- and post-conditioning with poly I:C exerts neuroprotective effect against cerebral ischemia injury in animal models: A systematic review and meta-analysis. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1168-1182.	1.9	4
38	Pathogenetical and Neurophysiological Features of Patients with Autism Spectrum Disorder: Phenomena and Diagnoses. <i>Journal of Clinical Medicine</i> , 2019, 8, 1588.	1.0	3
39	Melatonin: A Potent Therapeutic Candidate in Degenerative Neural Damages. <i>Chronobiology in Medicine</i> , 2020, 2, 85-95.	0.2	3
40	New Prophylactic and Therapeutic Strategies for Spinal Cord Injury. <i>Journal of Lifestyle Medicine</i> , 2013, 3, 34-40.	0.3	3
41	Beneficial effect of interventional exercise on autistic Fragile X syndrome. <i>Journal of Physical Therapy Science</i> , 2017, 29, 760-762.	0.2	1
42	Compartmentalization of caveolin and its relating molecules in striated muscles of murine following their developmental stage. <i>FASEB Journal</i> , 2006, 20, A545.	0.2	0
43	Spatially differential trafficking of caveolins and their interaction with hypertrophic signaling molecules in the developmental stage. <i>FASEB Journal</i> , 2006, 20, A546.	0.2	0
44	Neuroprotective effects of exogenous melatonin on spontaneously hypertensive rats with focal cerebral ischemia. <i>FASEB Journal</i> , 2010, 24, lb607.	0.2	0
45	Beneficial effects of melatonin combined with exercise on endogenous neural stem/progenitor cells regeneration after spinal cord injury. <i>FASEB Journal</i> , 2012, 26, 685.22.	0.2	0
46	Melatonin as key factor on bone remodeling in animal models with perforating fracture. <i>FASEB Journal</i> , 2012, 26, lb483.	0.2	0
47	The effects of melatonin and/or forced exercise on reorganization of corticospinal tract after focal cerebral ischemia in rats. <i>FASEB Journal</i> , 2012, 26, 685.21.	0.2	0
48	The preventive effect of melatonin and/or exercise on cartilage destruction in collagenase-induced osteoarthritis rats. <i>FASEB Journal</i> , 2012, 26, 478.4.	0.2	0
49	Melatonin and/or therapeutic exercise induces autophagy-mediated muscles remodeling in collagenase-induced osteoarthritic rats. <i>FASEB Journal</i> , 2012, 26, 1086.4.	0.2	0
50	Effect of melatonin and its combination with therapeutic exercise on Doxorubicin-induced cardiac toxicity. <i>FASEB Journal</i> , 2012, 26, 1136.19.	0.2	0
51	The effects of melatonin on endoplasmic reticulum stress during brain development in rat. <i>FASEB Journal</i> , 2012, 26, 708.3.	0.2	0
52	Forced exercise enhances functional recovery after focal cerebral ischemia in spontaneously hypertensive rats. <i>FASEB Journal</i> , 2012, 26, lb697.	0.2	0
53	Beneficial effect of melatonin and treadmill exercise on remodeling of neural circuit after focal cerebral ischemia in rats. <i>FASEB Journal</i> , 2013, 27, 934.9.	0.2	0
54	Preventive effect of diurnal endogenous melatonin combined with exercise on the cartilage destruction in collagenase-induced arthritic rats. <i>FASEB Journal</i> , 2013, 27, 941.5.	0.2	0

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55	Muscular Remodeling by Melatonin with and without Therapeutic Exercise in Collagenase-induced Osteoarthritic Rats. FASEB Journal, 2013, 27, 939.7.	0.2	0
56	The effects of melatonin combined with exercise on anatomical changes and reorganization in the brain after spinal cord injury. FASEB Journal, 2013, 27, 934.10.	0.2	0
57	Melatonin combined with treadmill exercise synergistically promotes neurogenesis and reduce apoptosis in focal cerebral ischemic rats. FASEB Journal, 2013, 27, 691.14.	0.2	0
58	Melatonin promotes fracture healing at pharmacological doses on the early phase in perforating fracture model. FASEB Journal, 2013, 27, 1217.36.	0.2	0
59	Beneficial effect of melatonin and forced exercise on degeneration of lower motor neuron after focal cerebral ischemia in rats. FASEB Journal, 2013, 27, 940.15.	0.2	0
60	Protective effects of lower dose of melatonin on TNF α -induced type II collagen loss in primary cultured chondrocytes (1096.1). FASEB Journal, 2014, 28, 1096.1.	0.2	0
61	Melatonin combined with treadmill exercise suppresses aberrant chondrocyte behavior in osteoarthritic cartilage via TGF β ² 1 upregulation (LB834). FASEB Journal, 2014, 28, LB834.	0.2	0
62	Effect of altered endogenous melatonin concentration by conditional light control on cellular organization in injured spinal cord (1096.2). FASEB Journal, 2014, 28, 1096.2.	0.2	0
63	Prophylactic effects of melatonin with treadmill exercise on cartilage damage of rats with collagenase-induced knee (1139.15). FASEB Journal, 2014, 28, 1139.15.	0.2	0
64	The role of Pin1 isomerase on neuronal cell death after focal cerebral ischemic in rats (877.14). FASEB Journal, 2014, 28, 877.14.	0.2	0
65	Melatonin plus treadmill exercise synergistically promotes neurogenesis and reduce apoptosis in focal cerebral ischemic rats (877.17). FASEB Journal, 2014, 28, 877.17.	0.2	0
66	The effects of melatonin and therapeutic exercise on brain to spinal cord network organization after ischemic brain injury in rats (877.15). FASEB Journal, 2014, 28, 877.15.	0.2	0
67	Pathophysiological and neurobehavioral characteristics of a propionic acid-mediated autism-like rat model. FASEB Journal, 2018, 32, 545.8.	0.2	0
68	A comparative study on phenotypic and molecular characteristics of ischemic stroke resistant animal model. FASEB Journal, 2018, 32, .	0.2	0
69	Effects of botulinum toxin type A combined with exercise on the functional recovery after spinal cord injury. FASEB Journal, 2018, 32, 545.25.	0.2	0
70	Neuroprotective signaling mechanisms of telomerase in neuronal cells against oxidative stress. FASEB Journal, 2018, 32, 740.11.	0.2	0
71	Moderate exercise training under constant light condition amplifies inflammatory signals through disruption of splenic clock mechanism in osteoarthritic animals. FASEB Journal, 2018, 32, .	0.2	0
72	Comparison of anesthetic effects of isoflurane used alone or combined with xylazine on induced cerebral ischemia. FASEB Journal, 2018, 32, 575.6.	0.2	0

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73	Synergistic neuroprotective effect by combination treatment with DAPK1 and Pin1 inhibitor on ischemic stroke. FASEB Journal, 2018, 32, 575.5.	0.2	0
74	Therapeutic effects of melatonergic networks on propionic acid-mediated autism-like rat model: Sex difference based study. FASEB Journal, 2019, 33, .	0.2	0
75	The effect of smartphone light on the physiology signal and cognitive function in circadian environment. FASEB Journal, 2019, 33, 738.10.	0.2	0
76	Changes in keyboard typing accuracy and spatial perception after cardiovascular fitness exercise. FASEB Journal, 2019, 33, .	0.2	0
77	Effects of melatonin on neural reconstruction after acute spinal cord injury through regulation of endoplasmic reticulum stress response and autophagy. FASEB Journal, 2019, 33, 662.2.	0.2	0
78	The effects of fermented milks on physiological and neurobehavioral changes in male Sprague Dawley rats. FASEB Journal, 2019, 33, 724.2.	0.2	0
79	Effect of Pin1/DAPK1 inhibition on IKK-mediated cell death in ischemic stroke mice model. FASEB Journal, 2019, 33, 496.48.	0.2	0
80	Exploring the exogenous and endogenous effects of melatonin on spinal cord injury. , 2022, , 373-384.		0