Yonggeun Hong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75 papers	4,593 citations	16 h-index	67 g-index
85 ext. papers	5,323 ext. citations	3.1 avg, IF	4.03 L-index

#	Paper	IF	Citations
75	Neurodegenerative effect of DAPK1 after cerebral hypoxia-ischemia is associated with its post-transcriptional and signal transduction regulations: A systematic review and meta-analysis.. *Ageing Research Reviews*, **2022**, 101593	12	1
74	Exploring the exogenous and endogenous effects of melatonin on spinal cord injury **2022**, 373-384		
73	Recent Advances in Electrochemical and Optical Sensors for Detecting Tryptophan and Melatonin. *International Journal of Nanomedicine*, **2021**, 16, 6861-6888	7.3	0
72	Differential role of melatonin in healthy brain aging: a systematic review and meta-analysis of the SAMP8 model. *Aging*, **2021**, 13, 9373-9397	5.6	5
71	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. *Neuroscience and Biobehavioral Reviews*, **2021**, 127, 459-473	9	9
70	Melatonin Maintains Anabolic-Catabolic Equilibrium and Regulates Circadian Rhythm During Osteoarthritis Development in Animal Models: A Systematic Review and Meta-analysis. *Frontiers in Pharmacology*, **2021**, 12, 714974	5.6	1
69	Melatonin: A Potent Therapeutic Candidate in Degenerative Neural Damages. *Chronobiology in Medicine*, **2020**, 2, 85-95	0.6	2
68	Protective Effects of Melatonin against Severe Burn-Induced Distant Organ Injury: A Systematic Review and Meta-Analysis of Experimental Studies. *Antioxidants*, **2020**, 9,	7.1	6
67	Physiological and Pathological Role of Circadian Hormones in Osteoarthritis: Dose-Dependent or Time-Dependent?. *Journal of Clinical Medicine*, **2019**, 8,	5.1	8
66	Pathogenetical and Neurophysiological Features of Patients with Autism Spectrum Disorder: Phenomena and Diagnoses. *Journal of Clinical Medicine*, **2019**, 8,	5.1	1
65	Elevated Serum Melatonin under Constant Darkness Enhances Neural Repair in Spinal Cord Injury through Regulation of Circadian Clock Proteins Expression. *Journal of Clinical Medicine*, **2019**, 8,	5.1	8
64	Conditional Controlled Light/Dark Cycle Influences Exercise-Induced Benefits in a Rat Model with Osteoarthritis: In Vitro and In Vivo Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	3
63	The effect of smartphone light on the physiology signal and cognitive function in circadian environment. *FASEB Journal*, **2019**, 33, 738.10	0.9	
62	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	0.9	
61	The effects of fermented milks on physiological and neurobehavioral changes in male Sprague Dawley rats. *FASEB Journal*, **2019**, 33, 724.2	0.9	
60	Effect of Pin1/DAPK1 inhibition on IKK-mediated cell death in ischemic stroke mice model. *FASEB Journal*, **2019**, 33, 496.48	0.9	
59	Pathophysiological role of endogenous irisin against tumorigenesis and metastasis: Is it a potential biomarker and therapeutic?. *Tumor Biology*, **2019**, 41, 1010428319892790	2.9	6

58	The Relationship between Autism Spectrum Disorder and Melatonin during Fetal Development. *Molecules*, **2018**, 23,	4.8	24
57	Pathophysiological and neurobehavioral characteristics of a propionic acid-mediated autism-like rat model. *PLoS ONE*, **2018**, 13, e0192925	3.7	39
56	Pathophysiological and neurobehavioral characteristics of a propionic acid-mediated autism-like rat model. *FASEB Journal*, **2018**, 32, 545.8	0.9	
55	Effects of botulinum toxin type A combined with exercise on the functional recovery after spinal cord injury. *FASEB Journal*, **2018**, 32, 545.25	0.9	
54	Neuroprotective signaling mechanisms of telomerase in neuronal cells against oxidative stress. *FASEB Journal*, **2018**, 32, 740.11	0.9	
53	Comparison of anesthetic effects of isoflurane used alone or combined with xylazine on induced cerebral ischemia. *FASEB Journal*, **2018**, 32, 575.6	0.9	
52	Synergistic neuroprotective effect by combination treatment with DAPK1 and Pin1 inhibitor on ischemic stroke. *FASEB Journal*, **2018**, 32, 575.5	0.9	
51	Influence of Altered Gut Microbiota Composition on Aging and Aging-Related Diseases. *Journal of Lifestyle Medicine*, **2018**, 8, 1-7	1.3	22
50	Molecular and Functional Interaction of the Myokine Irisin with Physical Exercise and Alzheimer's Disease. *Molecules*, **2018**, 23,	4.8	24
49	Role of melatonin combined with exercise as a switch-like regulator for circadian behavior in advanced osteoarthritic knee. *Oncotarget*, **2017**, 8, 97633-97647	3.3	15
48	Beneficial effect of interventional exercise on autistic Fragile X syndrome. *Journal of Physical Therapy Science*, **2017**, 29, 760-762	1	0
47	Molecular Interactions of Autophagy with the Immune System and Cancer. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	22
46	Melatonin as a Novel Interventional Candidate for Fragile X Syndrome with Autism Spectrum Disorder in Humans. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	9
45	Circadian Rhythm Disruption and Subsequent Neurological Disorders in Night-Shift Workers. *Journal of Lifestyle Medicine*, **2017**, 7, 45-50	1.3	8
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
43	The effects of smartphone use on upper extremity muscle activity and pain threshold. *Journal of Physical Therapy Science*, **2015**, 27, 1743-5	1	45
42	Therapeutic physical exercise in neural injury: friend or foe?. *Journal of Physical Therapy Science*, **2015**, 27, 3933-5	1	7
41	Characterization of Cerebral Damage in a Monkey Model of Alzheimer's Disease Induced by Intracerebroventricular Injection of Streptozotocin. *Journal of Alzheimer's Disease*, **2015**, 46, 989-1005	4.3	27

40	The Incremental Induction of Neuroprotective Properties by Multiple Therapeutic Strategies for Primary and Secondary Neural Injury. *International Journal of Molecular Sciences*, **2015**, 16, 19657-70	6.3	9
39	Therapeutic Implications for Overcoming Radiation Resistance in Cancer Therapy. *International Journal of Molecular Sciences*, **2015**, 16, 26880-913	6.3	110
38	Benefits of Physical Exercise for Individuals with Fragile X Syndrome in Humans. *Journal of Lifestyle Medicine*, **2015**, 5, 35-8	1.3	4
37	Melatonin treatment induces interplay of apoptosis, autophagy, and senescence in human colorectal cancer cells. *Journal of Pineal Research*, **2014**, 56, 264-74	10.4	94
36	Comparison of surgical methods of transient middle cerebral artery occlusion between rats and mice. *Journal of Veterinary Medical Science*, **2014**, 76, 1555-61	1.1	12
35	Salutary effects of melatonin combined with treadmill exercise on cartilage damage. *Journal of Pineal Research*, **2014**, 57, 53-66	10.4	26
34	Beneficial effects of melatonin combined with exercise on endogenous neural stem/progenitor cells proliferation after spinal cord injury. *International Journal of Molecular Sciences*, **2014**, 15, 2207-22	6.3	27
33	Middle cerebral artery occlusion methods in rat versus mouse models of transient focal cerebral ischemic stroke. *Neural Regeneration Research*, **2014**, 9, 757-8	4.5	23
32	Melatonin combined with treadmill exercise suppresses aberrant chondrocyte behavior in osteoarthritic cartilage via TGF-β upregulation (LB834). *FASEB Journal*, **2014**, 28, LB834	0.9	
31	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	0.9	
30	Prophylactic effects of melatonin with treadmill exercise on cartilage damage of rats with collagenase-induced knee (1139.15). *FASEB Journal*, **2014**, 28, 1139.15	0.9	
29	The role of Pin1 isomerase on neuronal cell death after focal cerebral ischemic in rats (877.14). *FASEB Journal*, **2014**, 28, 877.14	0.9	
28	Melatonin plus treadmill exercise synergistically promotes neurogenesis and reduce apoptosis in focal cerebral ischemic rats (877.17). *FASEB Journal*, **2014**, 28, 877.17	0.9	
27	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	0.9	
26	Protective effects of lower dose of melatonin on TNF-induced type II collagen loss in primary cultured chondrocytes (1096.1). *FASEB Journal*, **2014**, 28, 1096.1	0.9	
25	New Prophylactic and Therapeutic Strategies for Spinal Cord Injury. *Journal of Lifestyle Medicine*, **2013**, 3, 34-40	1.3	3
24	Beneficial effect of melatonin and treadmill exercise on remodeling of neural circuit after focal cerebral ischemia in rats. *FASEB Journal*, **2013**, 27, 934.9	0.9	
23	Preventive effect of diurnal endogenous melatonin combined with exercise on the cartilage destruction in collagenase-induced arthritic rats. *FASEB Journal*, **2013**, 27, 941.5	0.9	

22	Muscular Remodeling by Melatonin with and without Therapeutic Exercise in Collagenase-induced Osteoarthritic Rats. *FASEB Journal*, **2013**, 27, 939.7	0.9	
21	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	0.9	
20	Melatonin combined with treadmill exercise synergistically promotes neurogenesis and reduce apoptosis in focal cerebral ischemic rats. *FASEB Journal*, **2013**, 27, 691.14	0.9	
19	Melatonin promotes fracture healing at pharmacological doses on the early phase in perforating fracture model. *FASEB Journal*, **2013**, 27, 1217.36	0.9	
18	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	0.9	
17	Beneficial effects of melatonin on stroke-induced muscle atrophy in focal cerebral ischemic rats. *Laboratory Animal Research*, **2012**, 28, 47-54	1.9	14
16	Forced exercise enhances functional recovery after focal cerebral ischemia in spontaneously hypertensive rats. *Brain Sciences*, **2012**, 2, 483-503	3.4	12
15	Beneficial effects of endogenous and exogenous melatonin on neural reconstruction and functional recovery in an animal model of spinal cord injury. *Journal of Pineal Research*, **2012**, 52, 107-19	10.4	36
14	Melatonin combined with exercise cannot alleviate cerebral injury in a rat model of focal cerebral ischemia/reperfusion injury. *Neural Regeneration Research*, **2012**, 7, 993-9	4.5	4
13	Beneficial effects of melatonin combined with exercise on endogenous neural stem/progenitor cells regeneration after spinal cord injury. *FASEB Journal*, **2012**, 26, 685.22	0.9	
12	Melatonin as key factor on bone remodeling in animal models with perforating fracture. *FASEB Journal*, **2012**, 26, lb483	0.9	
11	The effects of melatonin and/or forced exercise on reorganization of corticospinal tract after focal cerebral ischemia in rats. *FASEB Journal*, **2012**, 26, 685.21	0.9	
10	The preventive effect of melatonin and/or exercise on cartilage destruction in collagenase-induced osteoarthritis rats. *FASEB Journal*, **2012**, 26, 478.4	0.9	
9	Melatonin and/or therapeutic exercise induces autophagy-mediated muscles remodeling in collagenase-induced osteoarthritic rats. *FASEB Journal*, **2012**, 26, 1086.4	0.9	
8	Effect of melatonin and its combination with therapeutic exercise on Doxorubicin-induced cardiac toxicity. *FASEB Journal*, **2012**, 26, 1136.19	0.9	
7	The effects of melatonin on endoplasmic reticulum stress during brain development in rat. *FASEB Journal*, **2012**, 26, 708.3	0.9	
6	Forced exercise enhances functional recovery after focal cerebral ischemia in spontaneously hypertensive rats. *FASEB Journal*, **2012**, 26, lb697	0.9	
5	Synergistic effect of melatonin on exercise-induced neuronal reconstruction and functional recovery in a spinal cord injury animal model. *Journal of Pineal Research*, **2010**, 48, 270-281	10.4	38

4	Melatonin plus exercise-based neurorehabilitative therapy for spinal cord injury. *Journal of Pineal Research*, **2010**, 49, 201-9	10.4	50
3	Neuroprotective effects of exogenous melatonin on spontaneously hypertensive rats with focal cerebral ischemia. *FASEB Journal*, **2010**, 24, lb607	0.9	
2	Compartmentalization of caveolin and its relating molecules in striated muscles of murine following their developmental stage. *FASEB Journal*, **2006**, 20, A545	0.9	
1	Spatially differential trafficking of caveolins and their interaction with hypertrophic signaling molecules in the developmental stage. *FASEB Journal*, **2006**, 20, A546	0.9	