

# Yonggeun Hong

## List of Publications by Citations

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
74	Therapeutic Implications for Overcoming Radiation Resistance in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 26880-913	6.3	110
73	Melatonin treatment induces interplay of apoptosis, autophagy, and senescence in human colorectal cancer cells. <i>Journal of Pineal Research</i> , <b>2014</b> , 56, 264-74	10.4	94
72	Melatonin plus exercise-based neurorehabilitative therapy for spinal cord injury. <i>Journal of Pineal Research</i> , <b>2010</b> , 49, 201-9	10.4	50
71	The effects of smartphone use on upper extremity muscle activity and pain threshold. <i>Journal of Physical Therapy Science</i> , <b>2015</b> , 27, 1743-5	1	45
70	Pathophysiological and neurobehavioral characteristics of a propionic acid-mediated autism-like rat model. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192925	3.7	39
69	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> , <b>2010</b> , 48, 270-281	10.4	38
68	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> , <b>2012</b> , 52, 107-19	10.4	36
67	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> , <b>2015</b> , 46, 989-1005	4.3	27
66	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> , <b>2014</b> , 15, 2207-22	6.3	27
65	Salutary effects of melatonin combined with treadmill exercise on cartilage damage. <i>Journal of Pineal Research</i> , <b>2014</b> , 57, 53-66	10.4	26
64	The Relationship between Autism Spectrum Disorder and Melatonin during Fetal Development. <i>Molecules</i> , <b>2018</b> , 23,	4.8	24
63	Molecular and Functional Interaction of the Myokine Irisin with Physical Exercise and Alzheimer's Disease. <i>Molecules</i> , <b>2018</b> , 23,	4.8	24
62	Middle cerebral artery occlusion methods in rat versus mouse models of transient focal cerebral ischemic stroke. <i>Neural Regeneration Research</i> , <b>2014</b> , 9, 757-8	4.5	23
61	Molecular Interactions of Autophagy with the Immune System and Cancer. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	22
60	Influence of Altered Gut Microbiota Composition on Aging and Aging-Related Diseases. <i>Journal of Lifestyle Medicine</i> , <b>2018</b> , 8, 1-7	1.3	22
59	Role of melatonin combined with exercise as a switch-like regulator for circadian behavior in advanced osteoarthritic knee. <i>Oncotarget</i> , <b>2017</b> , 8, 97633-97647	3.3	15

58	Beneficial effects of melatonin on stroke-induced muscle atrophy in focal cerebral ischemic rats. <i>Laboratory Animal Research</i> , <b>2012</b> , 28, 47-54	1.9	14
57	Comparison of surgical methods of transient middle cerebral artery occlusion between rats and mice. <i>Journal of Veterinary Medical Science</i> , <b>2014</b> , 76, 1555-61	1.1	12
56	Forced exercise enhances functional recovery after focal cerebral ischemia in spontaneously hypertensive rats. <i>Brain Sciences</i> , <b>2012</b> , 2, 483-503	3.4	12
55	Melatonin as a Novel Interventional Candidate for Fragile X Syndrome with Autism Spectrum Disorder in Humans. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	9
54	The Incremental Induction of Neuroprotective Properties by Multiple Therapeutic Strategies for Primary and Secondary Neural Injury. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 19657-70	6.3	9
53	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> , <b>2021</b> , 127, 459-473	9	9
52	Physiological and Pathological Role of Circadian Hormones in Osteoarthritis: Dose-Dependent or Time-Dependent?. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	8
51	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> , <b>2019</b> , 8,	5.1	8
50	Circadian Rhythm Disruption and Subsequent Neurological Disorders in Night-Shift Workers. <i>Journal of Lifestyle Medicine</i> , <b>2017</b> , 7, 45-50	1.3	8
49	Therapeutic physical exercise in neural injury: friend or foe?. <i>Journal of Physical Therapy Science</i> , <b>2015</b> , 27, 3933-5	1	7
48	Protective Effects of Melatonin against Severe Burn-Induced Distant Organ Injury: A Systematic Review and Meta-Analysis of Experimental Studies. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	6
47	Pathophysiological role of endogenous irisin against tumorigenesis and metastasis: Is it a potential biomarker and therapeutic?. <i>Tumor Biology</i> , <b>2019</b> , 41, 1010428319892790	2.9	6
46	Differential role of melatonin in healthy brain aging: a systematic review and meta-analysis of the SAMP8 model. <i>Aging</i> , <b>2021</b> , 13, 9373-9397	5.6	5
45	Benefits of Physical Exercise for Individuals with Fragile X Syndrome in Humans. <i>Journal of Lifestyle Medicine</i> , <b>2015</b> , 5, 35-8	1.3	4
44	Melatonin combined with exercise cannot alleviate cerebral injury in a rat model of focal cerebral ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , <b>2012</b> , 7, 993-9	4.5	4
43	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> , <b>2019</b> , 8,	5.1	3
42	New Prophylactic and Therapeutic Strategies for Spinal Cord Injury. <i>Journal of Lifestyle Medicine</i> , <b>2013</b> , 3, 34-40	1.3	3
41	Melatonin: A Potent Therapeutic Candidate in Degenerative Neural Damages. <i>Chronobiology in Medicine</i> , <b>2020</b> , 2, 85-95	0.6	2

40	Pathogenetical and Neurophysiological Features of Patients with Autism Spectrum Disorder: Phenomena and Diagnoses. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	1
39	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> , <b>2021</b> , 12, 714974	5.6	1
38	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> , <b>2022</b> , 101593	12	1
37	Beneficial effect of interventional exercise on autistic Fragile X syndrome. <i>Journal of Physical Therapy Science</i> , <b>2017</b> , 29, 760-762	1	0
36	Recent Advances in Electrochemical and Optical Sensors for Detecting Tryptophan and Melatonin. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 6861-6888	7.3	0
35	Compartmentalization of caveolin and its relating molecules in striated muscles of murine following their developmental stage. <i>FASEB Journal</i> , <b>2006</b> , 20, A545	0.9	
34	Spatially differential trafficking of caveolins and their interaction with hypertrophic signaling molecules in the developmental stage. <i>FASEB Journal</i> , <b>2006</b> , 20, A546	0.9	
33	Pathophysiological and neurobehavioral characteristics of a propionic acid-mediated autism-like rat model. <i>FASEB Journal</i> , <b>2018</b> , 32, 545.8	0.9	
32	Effects of botulinum toxin type A combined with exercise on the functional recovery after spinal cord injury. <i>FASEB Journal</i> , <b>2018</b> , 32, 545.25	0.9	
31	Neuroprotective signaling mechanisms of telomerase in neuronal cells against oxidative stress. <i>FASEB Journal</i> , <b>2018</b> , 32, 740.11	0.9	
30	Comparison of anesthetic effects of isoflurane used alone or combined with xylazine on induced cerebral ischemia. <i>FASEB Journal</i> , <b>2018</b> , 32, 575.6	0.9	
29	Synergistic neuroprotective effect by combination treatment with DAPK1 and Pin1 inhibitor on ischemic stroke. <i>FASEB Journal</i> , <b>2018</b> , 32, 575.5	0.9	
28	The effect of smartphone light on the physiology signal and cognitive function in circadian environment. <i>FASEB Journal</i> , <b>2019</b> , 33, 738.10	0.9	
27	Effects of melatonin on neural reconstruction after acute spinal cord injury through regulation of endoplasmic reticulum stress response and autophagy. <i>FASEB Journal</i> , <b>2019</b> , 33, 662.2	0.9	
26	The effects of fermented milks on physiological and neurobehavioral changes in male Sprague Dawley rats. <i>FASEB Journal</i> , <b>2019</b> , 33, 724.2	0.9	
25	Effect of Pin1/DAPK1 inhibition on IKK-mediated cell death in ischemic stroke mice model. <i>FASEB Journal</i> , <b>2019</b> , 33, 496.48	0.9	
24	Melatonin combined with treadmill exercise suppresses aberrant chondrocyte behavior in osteoarthritic cartilage via TGF- $\beta$ upregulation (LB834). <i>FASEB Journal</i> , <b>2014</b> , 28, LB834	0.9	
23	Effect of altered endogenous melatonin concentration by conditional light control on cellular organization in injured spinal cord (1096.2). <i>FASEB Journal</i> , <b>2014</b> , 28, 1096.2	0.9	

22	Prophylactic effects of melatonin with treadmill exercise on cartilage damage of rats with collagenase-induced knee (1139.15). <i>FASEB Journal</i> , <b>2014</b> , 28, 1139.15	0.9
21	The role of Pin1 isomerase on neuronal cell death after focal cerebral ischemic in rats (877.14). <i>FASEB Journal</i> , <b>2014</b> , 28, 877.14	0.9
20	Melatonin plus treadmill exercise synergistically promotes neurogenesis and reduce apoptosis in focal cerebral ischemic rats (877.17). <i>FASEB Journal</i> , <b>2014</b> , 28, 877.17	0.9
19	The effects of melatonin and therapeutic exercise on brain to spinal cord network organization after ischemic brain injury in rats (877.15). <i>FASEB Journal</i> , <b>2014</b> , 28, 877.15	0.9
18	Neuroprotective effects of exogenous melatonin on spontaneously hypertensive rats with focal cerebral ischemia. <i>FASEB Journal</i> , <b>2010</b> , 24, lb607	0.9
17	Beneficial effects of melatonin combined with exercise on endogenous neural stem/progenitor cells regeneration after spinal cord injury. <i>FASEB Journal</i> , <b>2012</b> , 26, 685.22	0.9
16	Melatonin as key factor on bone remodeling in animal models with perforating fracture. <i>FASEB Journal</i> , <b>2012</b> , 26, lb483	0.9
15	The effects of melatonin and/or forced exercise on reorganization of corticospinal tract after focal cerebral ischemia in rats. <i>FASEB Journal</i> , <b>2012</b> , 26, 685.21	0.9
14	The preventive effect of melatonin and/or exercise on cartilage destruction in collagenase-induced osteoarthritis rats. <i>FASEB Journal</i> , <b>2012</b> , 26, 478.4	0.9
13	Melatonin and/or therapeutic exercise induces autophagy-mediated muscles remodeling in collagenase-induced osteoarthritic rats. <i>FASEB Journal</i> , <b>2012</b> , 26, 1086.4	0.9
12	Effect of melatonin and its combination with therapeutic exercise on Doxorubicin-induced cardiac toxicity. <i>FASEB Journal</i> , <b>2012</b> , 26, 1136.19	0.9
11	The effects of melatonin on endoplasmic reticulum stress during brain development in rat. <i>FASEB Journal</i> , <b>2012</b> , 26, 708.3	0.9
10	Forced exercise enhances functional recovery after focal cerebral ischemia in spontaneously hypertensive rats. <i>FASEB Journal</i> , <b>2012</b> , 26, lb697	0.9
9	Beneficial effect of melatonin and treadmill exercise on remodeling of neural circuit after focal cerebral ischemia in rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 934.9	0.9
8	Preventive effect of diurnal endogenous melatonin combined with exercise on the cartilage destruction in collagenase-induced arthritic rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 941.5	0.9
7	Muscular Remodeling by Melatonin with and without Therapeutic Exercise in Collagenase-induced Osteoarthritic Rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 939.7	0.9
6	The effects of melatonin combined with exercise on anatomical changes and reorganization in the brain after spinal cord injury. <i>FASEB Journal</i> , <b>2013</b> , 27, 934.10	0.9
5	Melatonin combined with treadmill exercise synergistically promotes neurogenesis and reduce apoptosis in focal cerebral ischemic rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 691.14	0.9

- 4 Melatonin promotes fracture healing at pharmacological doses on the early phase in perforating fracture model. *FASEB Journal*, **2013**, 27, 1217-36 0.9
- 3 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
- 2 Protective effects of lower dose of melatonin on TNF $\alpha$ -induced type II collagen loss in primary cultured chondrocytes (1096.1). *FASEB Journal*, **2014**, 28, 1096.1 0.9
- 1 Exploring the exogenous and endogenous effects of melatonin on spinal cord injury **2022**, 373-384