

Zixu Wang

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.

63

papers

663

citations

12

h-index

23

g-index

67

ext. papers

975

ext. citations

4.4

avg, IF

4.29

L-index

#	Paper	IF	Citations
63	Blue Light Alters the Composition of the Jejunal Microbiota and Promotes the Development of the Small Intestine by Reducing Oxidative Stress.. <i>Antioxidants</i> , 2022 , 11,	7.1	2
62	Kidney Damage Caused by Obesity and Its Feasible Treatment Drugs.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5
61	Role of Sleep Restriction in Daily Rhythms of Expression of Hypothalamic Core Clock Genes in Mice. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 609-625	2.9	3
60	The Role of -Goblet Cell Interactions in Melatonin-Mediated Improvements in Sleep Deprivation-Induced Colitis.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 8133310	6.7	
59	Royal Jelly Protected against Dextran-Sulfate-Sodium-Induced Colitis by Improving the Colonic Mucosal Barrier and Gut Microbiota. <i>Nutrients</i> , 2022 , 14, 2069	6.7	1
58	The Role and Mechanism of Essential Selenoproteins for Homeostasis. <i>Antioxidants</i> , 2022 , 11, 973	7.1	1
57	Monochromatic blue light not green light exposure is associated with continuous light-induced hepatic steatosis in high fat diet fed-mice via oxidative stress.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 239, 113625	7	0
56	Melatonin-Mediated Colonic Microbiota Metabolite Butyrate Prevents Acute Sleep Deprivation-Induced Colitis in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
55	Trace Element Selenium Effectively Alleviates Intestinal Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
54	Restraint stress induces uterine microenvironment disorder in mice during early pregnancy through the β AR/cAMP/PKA pathway. <i>Stress</i> , 2021 , 24, 514-528	3	1
53	A Green and Blue Monochromatic Light Combination Therapy Reduces Oxidative Stress and Enhances B-Lymphocyte Proliferation through Promoting Melatonin Secretion. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 5595376	6.7	0
52	Melatonin Ameliorates Corticosterone-Mediated Oxidative Stress-Induced Colitis in Sleep-Deprived Mice Involving Gut Microbiota. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 9981480	6.7	3
51	Melatonin Alleviates Acute Sleep Deprivation-Induced Memory Loss in Mice by Suppressing Hippocampal Ferroptosis. <i>Frontiers in Pharmacology</i> , 2021 , 12, 708645	5.6	5
50	Impairment of CRH in the intestinal mucosal epithelial barrier of pregnant Bama miniature pig induced by restraint stress. <i>Endocrine Journal</i> , 2021 , 68, 485-502	2.9	1
49	Role of melatonin in murine "restraint stress"-induced dysfunction of colonic microbiota. <i>Journal of Microbiology</i> , 2021 , 59, 500-512	3	2
48	The Role of the FOXO1/ β AR/p-NF- κ B p65 Pathway in the Development of Endometrial Stromal Cells in Pregnant Mice under Restraint Stress. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
47	Melatonin-mediated MT2 attenuates colitis induced by dextran sodium sulfate via PI3K/AKT/Nrf2/SIRT1/ROR α /NF- κ B signaling pathways. <i>International Immunopharmacology</i> , 2021 , 96, 107779	5.8	7

46	Melatonin mediates monochromatic light-induced expression of somatostatin in the hypothalamus and pituitary of chicks. <i>Poultry Science</i> , 2021 , 100, 101285	3.9	1
45	Exploration of the potential roles of m6A regulators in the uterus in pregnancy and infertility. <i>Journal of Reproductive Immunology</i> , 2021 , 146, 103341	4.2	1
44	Mel1b and Mel1c melatonin receptors mediate green light-induced secretion of growth hormone in chick adenohypophysis cells via the AC/PKA and ERK1/2 signalling pathways. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 225, 112322	6.7	
43	Melatonin ameliorates anxiety-like behaviors induced by sleep deprivation in mice: Role of oxidative stress, neuroinflammation, autophagy and apoptosis. <i>Brain Research Bulletin</i> , 2021 , 174, 161-172	3.9	3
42	Ferroptosis Mechanisms Involved in Hippocampal-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
41	FOXO1 Is a Critical Switch Molecule for Autophagy and Apoptosis of Sow Endometrial Epithelial Cells Caused by Oxidative Stress.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1172273	6.7	1
40	Mechanisms of Melatonin in Obesity: A Review.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	5
39	Melatonin attenuates microbiota dysbiosis of jejunum in short-term sleep deprived mice. <i>Journal of Microbiology</i> , 2020 , 58, 588-597	3	3
38	Effect of monochromatic light on the circadian clock of cultured chick retinal tissue. <i>Experimental Eye Research</i> , 2020 , 194, 108008	3.7	6
37	Melatonin mediates monochromatic light-induced proliferation of T/B lymphocytes in the spleen via the membrane receptor or nuclear receptor. <i>Poultry Science</i> , 2020 , 99, 4294-4302	3.9	2
36	Melatonin alleviates oxidative stress in sleep deprived mice: Involvement of small intestinal mucosa injury. <i>International Immunopharmacology</i> , 2020 , 78, 106041	5.8	2
35	Role of BMAL1 and CLOCK in regulating the secretion of melatonin in chick retina under monochromatic green light. <i>Chronobiology International</i> , 2020 , 37, 1677-1692	3.6	3
34	Effect of monochromatic light on the temporal expression of in chick pineal gland. <i>Chronobiology International</i> , 2020 , 37, 1140-1150	3.6	5
33	Role of melatonin in intestinal mucosal injury induced by restraint stress in mice. <i>Pharmaceutical Biology</i> , 2020 , 58, 342-351	3.8	8
32	Effect of pinealectomy on the circadian clock of the chick retina under different monochromatic lights. <i>Chronobiology International</i> , 2019 , 36, 548-563	3.6	8
31	Melatonin Receptor Mel1b- and Mel1c-mediated Green Light Induced the Secretion of Growth Hormone in Anterior Pituitary of Chicks. <i>Photochemistry and Photobiology</i> , 2019 , 95, 1387-1394	3.6	3
30	Effect of melatonin on monochromatic light-induced changes in clock gene circadian expression in the chick liver. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 197, 111537	6.7	9
29	Melatonin mediates monochromatic green light-induced satellite cell proliferation and muscle growth in chick embryo. <i>PLoS ONE</i> , 2019 , 14, e0216392	3.7	5

28	Mel1c Mediated Monochromatic Light-Stimulated IGF-I Synthesis through the Intracellular Gq/PKC/ERK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
27	Role of melatonin in sleep deprivation-induced intestinal barrier dysfunction in mice. <i>Journal of Pineal Research</i> , 2019 , 67, e12574	10.4	61
26	Effect of the melatonin nuclear receptor ROR α on monochromatic light-induced T-lymphocyte proliferation in chicken thymus. <i>Immunology Letters</i> , 2019 , 213, 21-29	4.1	2
25	BMAL1 but not CLOCK is associated with monochromatic green light-induced circadian rhythm of melatonin in chick pinealocytes. <i>Endocrine Connections</i> , 2019 , 8, 57-68	3.5	10
24	Role of serotonin in the intestinal mucosal epithelium barrier in weaning mice undergoing stress-induced diarrhea. <i>Journal of Molecular Histology</i> , 2018 , 49, 85-97	3.3	7
23	A novel and compact review on the role of oxidative stress in female reproduction. <i>Reproductive Biology and Endocrinology</i> , 2018 , 16, 80	5	136
22	Effect of Monochromatic Light on Circadian Rhythm of Clock Genes in Chick Pinealocytes. <i>Photochemistry and Photobiology</i> , 2018 , 94, 1263-1272	3.6	9
21	Melatonin modulates monochromatic light-induced melatonin receptor expression in the hypothalamus of chicks. <i>Acta Histochemica</i> , 2017 , 119, 733-739	2	3
20	Effect of monochromatic light on circadian rhythmic expression of clock genes and arylalkylamine N-acetyltransferase in chick retina. <i>Chronobiology International</i> , 2017 , 34, 1149-1157	3.6	18
19	Various LED Wavelengths Affected Myofiber Development and Satellite Cell Proliferation of Chick Embryos via the IGF-1 Signaling Pathway. <i>Photochemistry and Photobiology</i> , 2017 , 93, 1492-1501	3.6	8
18	Effect of monochromatic light on circadian rhythmic expression of clock genes in the hypothalamus of chick. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 173, 476-484	6.7	20
17	Physiological crosstalk between the AC/PKA and PLC/PKC pathways modulates melatonin-mediated, monochromatic-light-induced proliferation of T-lymphocytes in chickens. <i>Cell and Tissue Research</i> , 2017 , 369, 555-565	4.2	9
16	Role of serotonin on the intestinal mucosal immune response to stress-induced diarrhea in weaning mice. <i>BMC Gastroenterology</i> , 2017 , 17, 82	3	10
15	Role of monochromatic light on daily variation of clock gene expression in the pineal gland of chick. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 164, 57-64	6.7	19
14	Melatonin modulates monochromatic light-induced GHRH expression in the hypothalamus and GH secretion in chicks. <i>Acta Histochemica</i> , 2016 , 118, 286-92	2	16
13	In ovo exposure to monochromatic lights affect posthatch muscle growth and satellite cell proliferation of chicks: role of IGF-1. <i>Growth Factors</i> , 2016 , 34, 107-18	1.6	8
12	Melatonin Mediates Monochromatic Light-induced Insulin-like Growth Factor 1 Secretion of Chick Liver: Involvement of Membrane Receptors. <i>Photochemistry and Photobiology</i> , 2016 , 92, 595-603	3.6	8
11	Effect of melatonin on monochromatic light-induced T-lymphocyte proliferation in the thymus of chickens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 161, 9-16	6.7	19

10	Secretion pathway of liver IGF-1 via JAK2/STAT3 in chick embryo under the monochromatic light. <i>Growth Factors</i> , 2016 , 34, 51-63	1.6	5
9	Restraint stress delays endometrial adaptive remodeling during mouse embryo implantation. <i>Stress</i> , 2015 , 18, 699-709	3	7
8	Developmental changes of melatonin receptor expression in the spleen of the chicken, <i>Gallus domesticus</i> . <i>Acta Histochemica</i> , 2015 , 117, 559-65	2	10
7	Melatonin plays a critical role in inducing B lymphocyte proliferation of the bursa of Fabricius in broilers via monochromatic lights. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 142, 29-34	6.7	31
6	Effect of a combination of green and blue monochromatic light on broiler immune response. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 138, 118-23	6.7	33
5	Monochromatic light affects the development of chick embryo liver via an anti-oxidation pathway involving melatonin and the melatonin receptor Mel1c. <i>Canadian Journal of Animal Science</i> , 2014 , 94, 391-400	0.9	13
4	The immunologic and antioxidant effects of L-phenylalanine on the uterine implantation of mice embryos during early pregnancy. <i>Histology and Histopathology</i> , 2014 , 29, 1335-42	1.4	3
3	Effect of monochromatic light on melatonin secretion and arylalkylamine N-acetyltransferase mRNA expression in the retina and pineal gland of broilers. <i>Anatomical Record</i> , 2011 , 294, 1233-41	2.1	40
2	Postnatal development of NADPH-d neurons in the enteric nervous system of the goat. <i>Italian Journal of Animal Science</i> , 2010 , 9, e79	2.2	1
1	Effects of monochromatic light on developmental changes in satellite cell population of pectoral muscle in broilers during early posthatch period. <i>Anatomical Record</i> , 2010 , 293, 1315-24	2.1	43