

Zixu Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9940226/zixu-wang-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
62	Role of melatonin in sleep deprivation-induced intestinal barrier dysfunction in mice. <i>Journal of Pineal Research</i> , 2019 , 67, e12574	10.4	61
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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

46	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
45	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
44	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
43	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
42	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
41	Role of melatonin in intestinal mucosal injury induced by restraint stress in mice. <i>Pharmaceutical Biology</i> , 2020 , 58, 342-351	3.8	8
40	Restraint stress delays endometrial adaptive remodeling during mouse embryo implantation. <i>Stress</i> , 2015 , 18, 699-709	3	7
39	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
38	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
37	Effect of monochromatic light on the circadian clock of cultured chick retinal tissue. <i>Experimental Eye Research</i> , 2020 , 194, 108008	3.7	6
36	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
35	Kidney Damage Caused by Obesity and Its Feasible Treatment Drugs.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5
34	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
33	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
32	Effect of monochromatic light on the temporal expression of in chick pineal gland. <i>Chronobiology International</i> , 2020 , 37, 1140-1150	3.6	5
31	Mechanisms of Melatonin in Obesity: A Review.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	5
30	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
29	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

28	Trace Element Selenium Effectively Alleviates Intestinal Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
27	Ferroptosis Mechanisms Involved in Hippocampal-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
26	Melatonin modulates monochromatic light-induced melatonin receptor expression in the hypothalamus of chicks. <i>Acta Histochemica</i> , 2017 , 119, 733-739	2	3
25	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
24	Melatonin attenuates microbiota dysbiosis of jejunum in short-term sleep deprived mice. <i>Journal of Microbiology</i> , 2020 , 58, 588-597	3	3
23	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
22	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
21	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
20	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
19	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
18	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
17	Effect of the melatonin nuclear receptor ROR β n monochromatic light-induced T-lymphocyte proliferation in chicken thymus. <i>Immunology Letters</i> , 2019 , 213, 21-29	4.1	2
16	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
15	Melatonin alleviates oxidative stress in sleep deprived mice: Involvement of small intestinal mucosa injury. <i>International Immunopharmacology</i> , 2020 , 78, 106041	5.8	2
14	Role of melatonin in murine "restraint stress"-induced dysfunction of colonic microbiota. <i>Journal of Microbiology</i> , 2021 , 59, 500-512	3	2
13	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
12	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
11	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

10	The Role of the FOXO1/ER/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
9	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
8	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
7	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
6	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
5	The Role and Mechanism of Essential Selenoproteins for Homeostasis. <i>Antioxidants</i> , 2022 , 11, 973	7.1	1
4	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
3	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
2	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	
1	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	