

Yeong-Min Yoo

List of Publications by Year in descending order

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80
papers

6,094
citations

361045

20
h-index

106150

65
g-index

87
all docs

87
docs citations

87
times ranked

16128
citing authors

#	ARTICLE	IF	CITATIONS
1	Amylin Protein Expression in the Rat Brain and Neuro-2a Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4348.	1.8	3
2	A Novel Antiviral Protein Derived from <i>Oenanthe javanica</i> : Type I Interferon-Dependent Antiviral Signaling and Its Pharmacological Potential. <i>Biomolecules</i> , 2022, 12, 835.	1.8	2
3	Melatonin mitigates the adverse effect of hypoxia during myocardial differentiation in mouse embryonic stem cells. <i>Journal of Veterinary Science</i> , 2021, 22, e54.	0.5	3
4	Human Islet Amyloid Polypeptide Overexpression in INS-1E Cells Influences Amylin Oligomerization under ER Stress and Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11341.	1.8	4
5	4-tert-Octylphenol Exposure Disrupts Brain Development and Subsequent Motor, Cognition, Social, and Behavioral Functions. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	14
6	Data on cytotoxicity of plant essential oils in A549 and Detroit 551 cells. <i>Data in Brief</i> , 2020, 32, 106186.	0.5	2
7	Perinatal Exposure to Triclosan Results in Abnormal Brain Development and Behavior in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4009.	1.8	28
8	Dexamethasone Treatment Increases the Intracellular Calcium Level Through TRPV6 in A549 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1050.	1.8	2
9	The effect of steroid hormone on the expression of the calcium-processing proteins in the immature female rat brain. <i>Journal of Chemical Neuroanatomy</i> , 2020, 105, 101767.	1.0	4
10	Calbindin-D9k is a Novel Risk Gene for Neurodegenerative Disease. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 438-456.	1.1	5
11	Cytostatic effects of plant essential oils on human skin and lung cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 2008-2018.	0.8	11
12	Nanomolar melatonin influences insulin synthesis and secretion in rat insulinoma INS-1E cells. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .	1.1	2
13	Distribution of and steroid hormone effects on calbindin-D9k in the immature rat brain. <i>Brain Research Bulletin</i> , 2019, 152, 225-235.	1.4	4
14	Sphingosine-1-phosphate (S1P) analog phytosphingosine-1-phosphate (PIP) improves the in vitro maturation efficiency of porcine oocytes via regulation of oxidative stress and apoptosis. <i>Molecular Reproduction and Development</i> , 2019, 86, 1705-1719.	1.0	10
15	The Protective Role of Calbindin-D9k on Endoplasmic Reticulum Stress-Induced Beta Cell Death. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5317.	1.8	1
16	Rapamycin-induced autophagy decreases Myf5 and MyoD proteins in C2C12 myoblast cells. <i>Toxicology in Vitro</i> , 2019, 58, 132-141.	1.1	8
17	Pre-validation study of alternative developmental toxicity test using mouse embryonic stem cell-derived embryoid bodies. <i>Food and Chemical Toxicology</i> , 2019, 123, 50-56.	1.8	12
18	Melatonin influences the expression and oligomerization of amylin in rat INS-1E cells. <i>Journal of Physiology and Pharmacology</i> , 2019, 70, .	1.1	2

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19	Streptozotocin-Induced Autophagy Reduces Intracellular Insulin in Insulinoma INS-1E Cells. <i>DNA and Cell Biology</i> , 2018, 37, 160-167.	0.9	4
20	Nitric oxide prevents H ₂ O ₂ -induced apoptosis in SK-N-MC human neuroblastoma cells. <i>International Journal of Biological Sciences</i> , 2018, 14, 1974-1984.	2.6	6
21	Combined Fluid Shear Stress and Melatonin Enhances the ERK/Akt/mTOR Signal in Cilia-Less MC3T3-E1 Preosteoblast Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2929.	1.8	9
22	Effects of Bisphenol A and 4-tert-octylphenol on the embryo implantation in mice. <i>Reproductive Toxicology</i> , 2018, 80, 30.	1.3	0
23	Calbindin-D28kin the Brain Influences the Expression of Cellular Prion Protein. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	11
24	Depletion of follicles accelerated by combined exposure to phthalates and 4-vinylcyclohexene diepoxide, leading to premature ovarian failure in rats. <i>Reproductive Toxicology</i> , 2018, 80, 60-67.	1.3	27
25	Bisphenol A and octylphenol exacerbate type 1 diabetes mellitus by disrupting calcium homeostasis in mouse pancreas. <i>Toxicology Letters</i> , 2018, 295, 162-172.	0.4	33
26	Effects of Bisphenol A and 4-tert-Octylphenol on Embryo Implantation Failure in Mouse. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1614.	1.2	20
27	Data on MyoD reduction by autophagy in C2C12 cells. <i>Data in Brief</i> , 2017, 13, 650-654.	0.5	0
28	Maturation of Adipocytes is Suppressed by Fluid Shear Stress. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 87-94.	0.9	16
29	Selective position of individual cells without lysis on a circular window array using dielectrophoresis in a microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	6
30	Melatonin-Mediated Intracellular Insulin during 2-Deoxy-d-glucose Treatment Is Reduced through Autophagy and EDC3 Protein in Insulinoma INS-1E Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	8
31	Melatonin Suppresses Autophagy Induced by Clinostat in Preosteoblast MC3T3-E1 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 526.	1.8	32
32	Data of intracellular insulin protein reduced by autophagy in INS-1E cells. <i>Data in Brief</i> , 2016, 8, 1151-1156.	0.5	2
33	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
34	Pharmacological advantages of melatonin in immunosenescence by improving activity of T lymphocytes. <i>Journal of Biomedical Research</i> , 2016, 30, 314-21.	0.7	18
35	Hot Water Extract of <i>Scutellaria baicalensis</i> Inhibits Migration, Invasion and Tube Formation in a Human Umbilical Vein Endothelial Cell Model and a Rat Aortic Ring Sprouting Model. <i>Journal of Life Science</i> , 2016, 26, 91-100.	0.2	0
36	Effects of Physical Loading on Adipogenic Differentiation in 3T3-L1 Preadipocytes. <i>Biophysical Journal</i> , 2015, 108, 563a.	0.2	1

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37	Decreased Bone Volume and Bone Mineral Density in the Tibial Trabecular Bone Is Associated with Per2 Gene by 405 nm Laser Stimulation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27401-27410.	1.8	5
38	Activation of mTOR for the loss of skeletal muscle in a hindlimb-suspended rat model. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 1003-1010.	1.1	5
39	Effects of Neuropeptides and Mechanical Loading on Bone Cell Resorption in Vitro. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5874-5883.	1.8	38
40	Melatonin Combined with Endoplasmic Reticulum Stress Induces Cell Death via the PI3K/Akt/mTOR Pathway in B16F10 Melanoma Cells. <i>PLoS ONE</i> , 2014, 9, e92627.	1.1	58
41	Cyclosporine A Induces Apoptotic and Autophagic Cell Death in Rat Pituitary GH3 Cells. <i>PLoS ONE</i> , 2014, 9, e108981.	1.1	21
42	Fluid shear stress and melatonin in combination activate anabolic proteins in MC3T3E1 osteoblast cells. <i>Journal of Pineal Research</i> , 2013, 54, 453-461.	3.4	14
43	Observation of a Long Primo Vessel in a Lymph Vessel from the Inguinal Node of a Rabbit. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-5.	0.5	3
44	Altered APP Carboxyl-Terminal Processing Under Ferrous Iron Treatment in PC12 Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2013, 17, 189.	0.6	11
45	Melatonin-mediated insulin synthesis during endoplasmic reticulum stress involves HuD expression in rat insulinoma INS1E cells. <i>Journal of Pineal Research</i> , 2013, 55, 207-220.	3.4	18
46	Isolation and Morphological Features of Primo Vessels in Rabbit Lymph Vessels. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2012, 5, 201-205.	0.3	32
47	Morusinol Extracted from <i>Morus Alba</i> ; Inhibits Arterial Thrombosis and Modulates Platelet Activation for the Treatment of Cardiovascular Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 516-522.	0.9	35
48	Apoptosis induced by nonspecific effects of siRNA in human umbilical vein endothelial cell. <i>Toxicology and Environmental Health Sciences</i> , 2012, 4, 50-56.	1.1	1
49	Melatonin-induced autophagy is associated with degradation of MyoD protein in C2C12 myoblast cells. <i>Journal of Pineal Research</i> , 2012, 53, 289-297.	3.4	20
50	Quantification of temporal changes in 3D osteoclastic resorption pit using confocal laser scanning microscopy. <i>Tissue Engineering and Regenerative Medicine</i> , 2012, 9, 29-35.	1.6	2
51	Parathyroid hormone-related protein and glucocorticoid receptor beta are regulated by cortisol in the kidney of male mice. <i>Life Sciences</i> , 2011, 89, 615-620.	2.0	6
52	The sap of <i>Acer okamotoanum</i> decreases serum alcohol levels after acute ethanol ingestion in rats. <i>International Journal of Molecular Medicine</i> , 2011, 28, 489-95.	1.8	9
53	Melatonin protects against apoptotic and autophagic cell death in C2C12 murine myoblast cells. <i>Journal of Pineal Research</i> , 2011, 50, 241-249.	3.4	35
54	Effect of melatonin on mRNA expressions of transcription factors in murine embryonic stem cells. <i>Brain Research</i> , 2011, 1385, 1-7.	1.1	21

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55	Primary Cilia-Mediated Osteogenic Response to Fluid Flow Occurs via Increases in Focal Adhesion and Akt Signaling Pathway in MC3T3-E1 Osteoblastic Cells. <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 379-388.	1.0	4
56	Uterine expression of sodium/potassium/calcium exchanger 3 and its regulation by sex steroid hormones during the estrous cycle of rats. <i>Molecular Reproduction and Development</i> , 2010, 77, 971-977.	1.0	19
57	Potential estrogenic effect(s) of parabens at the prepubertal stage of a postnatal female rat model. <i>Reproductive Toxicology</i> , 2010, 29, 306-316.	1.3	194
58	Melatonin-induced calbindin-D9k expression reduces hydrogen peroxide-mediated cell death in rat pituitary GH3 cells. <i>Journal of Pineal Research</i> , 2010, 48, 83-93.	3.4	13
59	Melatonin suppresses cyclosporine A-induced autophagy in rat pituitary GH3 cells. <i>Journal of Pineal Research</i> , 2010, 48, 204-211.	3.4	42
60	Melatonin Induces Apoptotic Cell Death via p53 in LNCaP Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2010, 14, 365.	0.6	37
61	Transcriptional and translational expression of calbindin-D9k in the duodenum, kidney and uterus of a female canine model. <i>Journal of Veterinary Science</i> , 2010, 11, 15.	0.5	3
62	Involvement of TGF- β 2 Receptor and Integrin-Mediated Signaling Pathways in the Pathogenesis of Granular Corneal Dystrophy II. , 2010, 51, 1832.		16
63	Effects of essential oil from <i>Chamaecyparis obtusa</i> on the development of atopic dermatitis-like skin lesions and the suppression of Th cytokines. <i>Journal of Dermatological Science</i> , 2010, 60, 122-125.	1.0	34
64	The Reduced Expression of Prion Protein Influences the Expressions of Signal Proteins in Calbindin-D9k and -D28k Knockout and D9k/28k Double Knockout Mice.. <i>Biology of Reproduction</i> , 2010, 83, 389-389.	1.2	0
65	Effect of Melatonin on the Gene Expression of Differentiation in Mouse Embryonic Stem Cells.. <i>Biology of Reproduction</i> , 2010, 83, 698-698.	1.2	3
66	Melatonin induces apoptotic death in LNCaP cells via p38 and JNK pathways: therapeutic implications for prostate cancer. <i>Journal of Pineal Research</i> , 2009, 47, 8-14.	3.4	128
67	Melatonin-induced estrogen receptor α -mediated calbindin-D9k expression plays a role in H ₂ O ₂ -mediated cell death in rat pituitary GH3 cells. <i>Journal of Pineal Research</i> , 2009, 47, 301-307.	3.4	16
68	Sodium/potassium/calcium exchanger 3 is regulated by the steroid hormones estrogen and progesterone in the uterus of mice during the estrous cycle. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 279-283.	1.0	18
69	Di-(2 ethylhexyl) phthalate and flutamide alter gene expression in the testis of immature male rats. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 104.	1.4	33
70	Melatonin-Induced Estrogen Receptor Beta-Mediated Calbindin-D9k Protein Was Involved in Cell Death by Hydrogen Peroxide in Rat Pituitary GH3 Cells.. <i>Biology of Reproduction</i> , 2009, 81, 592-592.	1.2	0
71	Pectolarin and Pectolarigenin of <i>Cirsium setidens</i> Prevent the Hepatic Injury in Rats Caused by D-Galactosamine via an Antioxidant Mechanism. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 760-764.	0.6	97
72	Melatonin prevents nitric oxide-induced apoptosis by increasing the interaction between 14-3-3 and p-Bad in SK-N-MC cells. <i>Journal of Pineal Research</i> , 2007, 44, 070920204811003-???	3.4	20

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73	Melatonin suppresses NO-induced apoptosis via induction of Bcl-2 expression in PGT-beta immortalized pineal cells. <i>Journal of Pineal Research</i> , 2002, 33, 146-150.	3.4	67
74	Effects of steroid hormone on Calbindin-D9k expression in rat cerebellum. <i>Endocrine Abstracts</i> , 0, , .	0.0	1
75	Assessment of endocrine disrupting chemical screening using differentiated cardiomyocyte from mES cell. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
76	Effect of octyl-phenol and bisphenol A on calcium signaling in cardiomyocyte differentiation of mouse embryonic stem cells. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
77	Effects of dexamethasone for calcium channels and mucin-related genes regulation on A549 cell line. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
78	Gene expression of claudins in NCKX3 knockout mouse. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
79	Melatonin affects hypoxia-stressed cardiomyocyte differentiation of mouse embryonic stem cells. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
80	Cytotoxicity evaluation and mechanism of endocrine-disrupting chemicals by the embryoid body test. <i>Toxicological Research</i> , 0, , .	1.1	1