

Eui-Man Jung

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,668
citations

257450
24
h-index

361022
35
g-index

90
all docs

90
docs citations

90
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	Arid1b haploinsufficiency disrupts cortical interneuron development and mouse behavior. <i>Nature Neuroscience</i> , 2017, 20, 1694-1707.	14.8	139
2	Potential estrogenic activity of triclosan in the uterus of immature rats and rat pituitary GH3 cells. <i>Toxicology Letters</i> , 2012, 208, 142-148.	0.8	87
3	MACF1 regulates the migration of pyramidal neurons via microtubule dynamics and GSK-3 signaling. <i>Developmental Biology</i> , 2014, 395, 4-18.	2.0	84
4	Parabens inhibit the early phase of folliculogenesis and steroidogenesis in the ovaries of neonatal rats. <i>Molecular Reproduction and Development</i> , 2012, 79, 626-636.	2.0	64
5	Genes and brain malformations associated with abnormal neuron positioning. <i>Molecular Brain</i> , 2015, 8, 72.	2.6	59
6	Dietary intake of genistein suppresses hepatocellular carcinoma through AMPK-mediated apoptosis and anti-inflammation. <i>BMC Cancer</i> , 2019, 19, 6.	2.6	50
7	Proximal tubule cyclophilin D regulates fatty acid oxidation in cisplatin-induced acute kidney injury. <i>Kidney International</i> , 2020, 97, 327-339.	5.2	43
8	Estrogen receptor β is involved in the induction of Calbindin-D9k and progesterone receptor by parabens in GH3 cells: A biomarker gene for screening xenoestrogens. <i>Steroids</i> , 2011, 76, 675-681.	1.8	38
9	Effects of estrogen and estrogenic compounds, 4-tert-octylphenol, and bisphenol A on the uterine contraction and contraction-associated proteins in rats. <i>Molecular and Cellular Endocrinology</i> , 2013, 375, 27-34.	3.2	36
10	Loss of GSK-3 Causes Abnormal Astrogenesis and Behavior in Mice. <i>Molecular Neurobiology</i> , 2016, 53, 3954-3966.	4.0	36
11	Anti-inflammatory effects of essential oils from <i>Chamaecyparis obtusa</i> via the cyclooxygenase-2 pathway in rats. <i>Molecular Medicine Reports</i> , 2013, 8, 255-259.	2.4	35
12	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.	3.3	33
13	Bisphenol A and octylphenol exacerbate type 1 diabetes mellitus by disrupting calcium homeostasis in mouse pancreas. <i>Toxicology Letters</i> , 2018, 295, 162-172.	0.8	33
14	The negative effect of dexamethasone on calcium-processing gene expressions is associated with a glucocorticoid-induced calcium-absorbing disorder. <i>Life Sciences</i> , 2009, 85, 146-152.	4.3	32
15	Effects of 17 β -estradiol and xenoestrogens on mouse embryonic stem cells. <i>Toxicology in Vitro</i> , 2010, 24, 1538-1545.	2.4	32
16	Elemol from <i>Chamaecyparis obtusa</i> ameliorates 2,4-dinitrochlorobenzene-induced atopic dermatitis. <i>International Journal of Molecular Medicine</i> , 2015, 36, 463-472.	4.0	32
17	Effects of vascular endothelial growth factor on porcine preimplantation embryos produced by in vitro fertilization and somatic cell nuclear transfer. <i>Theriogenology</i> , 2011, 75, 256-267.	2.1	29
18	Differential Effects of Flutamide and Di-(2-ethylhexyl) phthalate on Male Reproductive Organs in a Rat Model. <i>Journal of Reproduction and Development</i> , 2009, 55, 400-411.	1.4	28

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19	Dietary Calcium and 1,25-Dihydroxyvitamin D3 Regulate Transcription of Calcium Transporter Genes in Calbindin-D9k Knockout Mice. <i>Journal of Reproduction and Development</i> , 2009, 55, 137-142.	1.4	28
20	Perinatal Exposure to Triclosan Results in Abnormal Brain Development and Behavior in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4009.	4.1	28
21	Uterine and placental expression of TRPV6 gene is regulated via progesterone receptor- or estrogen receptor-mediated pathways during pregnancy in rodents. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 49.	3.3	27
22	Trans-10, cis-12-conjugated linoleic acid modulates NF- κ B activation and TNF- α production in porcine peripheral blood mononuclear cells via a PPAR γ -dependent pathway. <i>British Journal of Nutrition</i> , 2011, 105, 1329-1336.	2.3	27
23	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.	2.9	27
24	The role of MACF1 in nervous system development and maintenance. <i>Seminars in Cell and Developmental Biology</i> , 2017, 69, 9-17.	5.0	26
25	Dexamethasone differentially regulates renal and duodenal calcium-processing genes in calbindin-D9k and -D28k knockout mice. <i>Experimental Physiology</i> , 2009, 94, 138-151.	2.0	25
26	Evaluation of developmental toxicity using undifferentiated human embryonic stem cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 205-218.	2.8	25
27	Protective effects of the pyrolyzates derived from bamboo against neuronal damage and hematoaggregation. <i>Journal of Ethnopharmacology</i> , 2010, 128, 594-599.	4.1	24
28	Arid1b haploinsufficiency in parvalbumin- or somatostatin-expressing interneurons leads to distinct ASD-like and ID-like behavior. <i>Scientific Reports</i> , 2020, 10, 7834.	3.3	24
29	Obovatol inhibits NLRP3, AIM2, and non-canonical inflammasome activation. <i>Phytomedicine</i> , 2019, 63, 153019.	5.3	22
30	Effect of melatonin on mRNA expressions of transcription factors in murine embryonic stem cells. <i>Brain Research</i> , 2011, 1385, 1-7.	2.2	21
31	Biomarker Genes for Detecting Estrogenic Activity of Endocrine Disruptors via Estrogen Receptors. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 698-711.	2.6	21
32	Neurobiology of ARID1B haploinsufficiency related to neurodevelopmental and psychiatric disorders. <i>Molecular Psychiatry</i> , 2022, 27, 476-489.	7.9	21
33	The beneficial effect of the sap of <i>Acer mono</i> in an animal with low-calcium diet-induced osteoporosis-like symptoms. <i>British Journal of Nutrition</i> , 2008, 100, 1011-1018.	2.3	20
34	Apoptosis- and endoplasmic reticulum stress-related genes were regulated by estrogen and progesterone in the uteri of calbindin-D _{9k} and -D _{28k} knockout mice. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 194-203.	2.6	20
35	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.	2.6	20
36	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.	2.0	19

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37	The role of ARID1B, a BAF chromatin remodeling complex subunit, in neural development and behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 30-38.	4.8	19
38	Establishment of a canine model of human type 2 diabetes mellitus by overexpressing phosphoenolpyruvate carboxykinase. <i>International Journal of Molecular Medicine</i> , 2012, 30, 321-329.	4.0	17
39	Calbindin-D9k as a sensitive molecular biomarker for evaluating the synergistic impact of estrogenic chemicals on GH3 rat pituitary cells. <i>International Journal of Molecular Medicine</i> , 2012, 30, 1233-1240.	4.0	15
40	Tissue-Specific Expression of the Calcium Transporter Genes TRPV5, TRPV6, NCX1, and PMCA1b in the Duodenum, Kidney and Heart of <i>Equus caballus</i> . <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1437-1444.	0.9	14
41	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.	4.0	14
42	Compensatory induction of the TRPV6 channel in a calbindin-D9k knockout mouse: Its regulation by 1,25-dihydroxyvitamin D ₃ . <i>Journal of Cellular Biochemistry</i> , 2009, 108, 1175-1183.	2.6	13
43	Korean Red Ginseng, a regulator of NLRP3 inflammasome, in the COVID-19 pandemic. <i>Journal of Ginseng Research</i> , 2022, 46, 331-336.	5.7	13
44	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.	3.6	12
45	Cleavage pattern and survivin expression in porcine embryos by somatic cell nuclear transfer. <i>Theriogenology</i> , 2011, 76, 1187-1196.	2.1	11
46	Synergistic effects of octylphenol and isobutyl paraben on the expression of calbindin-D9k in GH3 rat pituitary cells. <i>International Journal of Molecular Medicine</i> , 2011, 29, 294-302.	4.0	11
47	Duodenal and Renal Transient Receptor Potential Vanilloid 6 Is Regulated by Sex Steroid Hormones, Estrogen and Progesterone, in Immature Rats. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 711-716.	0.9	11
48	The Regulation of Fatty Acid Oxidation in Human Preeclampsia. <i>Reproductive Sciences</i> , 2016, 23, 1422-1433.	2.5	11
49	Trans-10, cis-12-conjugated linoleic acid attenuates tumor necrosis factor- α production by lipopolysaccharide-stimulated porcine peripheral blood mononuclear cells through induction of interleukin-10. <i>Cytokine</i> , 2011, 56, 224-230.	3.2	10
50	Expression of calbindin-D28k is inversely correlated with proapoptotic gene expression in hydrogen peroxide-induced cell death in endometrial cancer cells. <i>International Journal of Oncology</i> , 2011, 38, 1059-66.	3.3	10
51	A canine model of Alzheimer's disease generated by overexpressing a mutated human amyloid precursor protein. <i>International Journal of Molecular Medicine</i> , 2014, 33, 1003-1012.	4.0	10
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.	4.0	9
53	Cellular functions and transcriptional regulation of a third thioredoxin from <i>Schizosaccharomyces pombe</i> . <i>Canadian Journal of Microbiology</i> , 2007, 53, 775-783.	1.7	8
54	Generation of fibroblasts overexpressing liver-specific PEPCK in a miniature pig model of human type 2 diabetes mellitus. <i>Molecular Medicine Reports</i> , 2012, 6, 45-50.	2.4	8

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55	Rapamycin-induced autophagy decreases Myf5 and MyoD proteins in C2C12 myoblast cells. <i>Toxicology in Vitro</i> , 2019, 58, 132-141.	2.4	8
56	Differential roles of ARID1B in excitatory and inhibitory neural progenitors in the developing cortex. <i>Scientific Reports</i> , 2021, 11, 3856.	3.3	8
57	Loss of Nckx3 Exacerbates Experimental DSS-Induced Colitis in Mice through p53/NF- κ B Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2645.	4.1	8
58	Expression patterns and potential action of the calcium transport genes Trpv5, Trpv6, Ncx1 and Pmca1b in the canine duodenum, kidney and uterus. <i>In Vivo</i> , 2011, 25, 773-80.	1.3	8
59	Novel chemical inhibitor against SOD1 misfolding and aggregation protects neuron-loss and ameliorates disease symptoms in ALS mouse model. <i>Communications Biology</i> , 2021, 4, 1397.	4.4	8
60	Second-phase validation study of an alternative developmental toxicity test using mouse embryonic stem cell-derived embryoid bodies. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .	1.1	7
61	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.	4.3	6
62	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.	6.4	6
63	Establishment of a developmental neurotoxicity test by Sox1-GFP mouse embryonic stem cells. <i>Reproductive Toxicology</i> , 2021, 104, 96-105.	2.9	6
64	Establishment of transgenic fibroblasts for producing recombinant human interferon- β and erythropoietin in bovine milk. <i>Molecular Medicine Reports</i> , 2013, 7, 406-412.	2.4	5
65	Calbindin-D9k is a Novel Risk Gene for Neurodegenerative Disease. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 438-456.	1.6	5
66	Dissolving biopolymer microneedle patches for the improvement of skin elasticity. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 111, 200-210.	5.8	5
67	Inhibitory effect of octyl-phenol and bisphenol A on calcium signaling in cardiomyocyte differentiation of mouse embryonic stem cells. <i>Journal of Physiology and Pharmacology</i> , 2019, 70, .	1.1	5
68	Establishment of inducible cAMP early repressor transgenic fibroblasts in a porcine model of human type 1 diabetes mellitus. <i>Molecular Medicine Reports</i> , 2012, 6, 239-45.	2.4	4
69	Expression and Regulation of Sodium/Calcium Exchangers, NCX and NCKX, in Reproductive Tissues: Do They Play a Critical Role in Calcium Transport for Reproduction and Development?. <i>Advances in Experimental Medicine and Biology</i> , 2013, 961, 109-121.	1.6	4
70	Distribution of and steroid hormone effects on calbindin-D9k in the immature rat brain. <i>Brain Research Bulletin</i> , 2019, 152, 225-235.	3.0	4
71	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.	2.1	4
72	Regenerative potential of targeting glycogen synthase kinase-3 signaling in neural tissues. <i>Neural Regeneration Research</i> , 2015, 10, 1912.	3.0	4

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73	Inhibitory Effect of Extracts from <i>Rhododendron Brachycarpum</i> and <i>Abies Koreana</i> E.H. Wilson on Degranulation and Cytokine Expression in RBL-2H3 Cells. <i>Journal of the Korean Wood Science and Technology</i> , 2013, 41, 551-558.	3.0	4
74	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.	1.3	3
75	Epigenetic signatures of somatic cell nuclear transfer-derived embryonic stem cells. <i>International Journal of Molecular Medicine</i> , 2011, 28, 697-704.	4.0	3
76	Pregnenolone as a potential candidate for hormone therapy for female reproductive disorders targeting ER α . <i>Molecular Reproduction and Development</i> , 2019, 86, 109-117.	2.0	3
77	Prenatal Octamethylcyclotetrasiloxane Exposure Impaired Proliferation of Neuronal Progenitor, Leading to Motor, Cognition, Social and Behavioral Functions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12949.	4.1	3
78	Amylin Protein Expression in the Rat Brain and Neuro-2a Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4348.	4.1	3
79	Regulatory effect of dexamethasone on tracheal calcium processing proteins and mucosal secretion. <i>Journal of Physiology and Pharmacology</i> , 2019, 70, .	1.1	3
80	Generation of porcine fibroblasts overexpressing 11 β -HSD1 with adipose tissue-specific aP2 promoter as a porcine model of metabolic syndrome. <i>Molecular Medicine Reports</i> , 2013, 8, 751-756.	2.4	2
81	Data on cytotoxicity of plant essential oils in A549 and Detroit 551 cells. <i>Data in Brief</i> , 2020, 32, 106186.	1.0	2
82	Dexamethasone Treatment Increases the Intracellular Calcium Level Through TRPV6 in A549 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1050.	4.1	2
83	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
84	The Protective Role of Calbindin-D9k on Endoplasmic Reticulum Stress-Induced Beta Cell Death. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5317.	4.1	1
85	Cytotoxicity evaluation and mechanism of endocrine-disrupting chemicals by the embryoid body test. <i>Toxicological Research</i> , 0, , .	2.1	1
86	Generation of transgenic fibroblasts expressing pancreas-specific and doxycycline-inducible ICER β for the establishment of a porcine model of human diabetes mellitus. <i>Molecular Medicine Reports</i> , 2014, 10, 1136-1142.	2.4	0