

# Hyun Yang

## List of Publications by Year in descending order

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52  
papers

833  
citations

430754

18  
h-index

552653

26  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1323  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.0	64
2	Coexpression and estrogen-mediated regulation of TRPV6 and PMCA1 in the human endometrium during the menstrual cycle. <i>Molecular Reproduction and Development</i> , 2011, 78, 274-282.	1.0	39
3	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.	1.6	36
4	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
5	Lentinus edodes promotes fat removal in hypercholesterolemic mice. <i>Experimental and Therapeutic Medicine</i> , 2013, 6, 1409-1413.	0.8	35
6	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.	1.1	35
7	Elemol from <i>Chamaecyparis obtusa</i> ameliorates 2,4-dinitrochlorobenzene-induced atopic dermatitis. <i>International Journal of Molecular Medicine</i> , 2015, 36, 463-472.	1.8	32
8	Calcium transport genes are differently regulated in maternal and fetal placenta in the knockout mice of calbindin <sub>9k</sub> and <sub>28k</sub> . <i>Molecular Reproduction and Development</i> , 2012, 79, 346-355.	1.0	30
9	Tissue-specific expression of occludin, zona occludens-1, and junction adhesion molecule A in the duodenum, ileum, colon, kidney, liver, lung, brain, and skeletal muscle of C57BL mice. <i>Journal of Physiology and Pharmacology</i> , 2013, 64, 11-8.	1.1	30
10	Alteration of Tight Junction Gene Expression by Calcium- and Vitamin D-Deficient Diet in the Duodenum of Calbindin-Null Mice. <i>International Journal of Molecular Sciences</i> , 2013, 14, 22997-23010.	1.8	27
11	Evaluation of developmental toxicity using undifferentiated human embryonic stem cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 205-218.	1.4	25
12	Effects of octylphenol and bisphenol A on the expression of calcium transport genes in the mouse duodenum and kidney during pregnancy. <i>Toxicology</i> , 2013, 303, 99-106.	2.0	24
13	Distinct Expression of the Calcium Exchangers, NCKX3 and NCX1, and Their Regulation by Steroid in the Human Endometrium During the Menstrual Cycle. <i>Reproductive Sciences</i> , 2011, 18, 577-585.	1.1	22
14	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.	1.2	21
15	Comparing the expression patterns of placental magnesium/phosphorus-transporting channels between healthy and preeclamptic pregnancies. <i>Molecular Reproduction and Development</i> , 2014, 81, 851-860.	1.0	21
16	Differential expression of calcium transport channels in placenta primary cells and tissues derived from preeclamptic placenta. <i>Molecular and Cellular Endocrinology</i> , 2013, 367, 21-30.	1.6	20
17	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
18	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

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19	Placental claudin expression and its regulation by endogenous sex steroid hormones. <i>Steroids</i> , 2015, 100, 44-51.	0.8	18
20	Change of Genes in Calcium Transport Channels Caused by Hypoxic Stress in the Placenta, Duodenum, and Kidney of Pregnant Rats. <i>Biology of Reproduction</i> , 2013, 88, 30.	1.2	16
21	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.	1.8	15
22	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.	0.3	14
23	Synergistic effects of parabens on the induction of calbindin-D <sub>9k</sub> gene expression act via a progesterone receptor-mediated pathway in GH3 cells. <i>Human and Experimental Toxicology</i> , 2012, 31, 134-144.	1.1	14
24	Differential expression of calcium transport genes caused by COMT inhibition in the duodenum, kidney and placenta of pregnant mice. <i>Molecular and Cellular Endocrinology</i> , 2015, 401, 45-55.	1.6	14
25	Regulation and molecular mechanisms of calcium transport genes: do they play a role in calcium transport in the uterine endometrium?. <i>Journal of Physiology and Pharmacology</i> , 2011, 62, 499-504.	1.1	14
26	Spatial expression of claudin family members in various organs of mice. <i>Molecular Medicine Reports</i> , 2014, 9, 1806-1812.	1.1	13
27	Altered expression of melanocortin-1 receptor (MC1R) in a yellow-coloured wild raccoon dog ( <i>Nyctereutes procyonoides</i> ). <i>Veterinary Dermatology</i> , 2012, 23, 187.	0.4	12
28	Estimation of the environmental effect of natural volatile organic compounds from <i>Chamaecyparis obtusa</i> and their effect on atopic dermatitis-like skin lesions in mice. <i>Molecular Medicine Reports</i> , 2015, 12, 345-350.	1.1	12
29	NCKX3 was compensated by calcium transporting genes and bone resorption in a NCKX3 KO mouse model. <i>Molecular and Cellular Endocrinology</i> , 2017, 454, 93-102.	1.6	12
30	<i>Tetragonia tetragonioides</i> (Pall.) Kuntze Regulates Androgen Production in a Letrozole-Induced Polycystic Ovary Syndrome Model. <i>Molecules</i> , 2018, 23, 1173.	1.7	12
31	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.	0.3	11
32	The Regulation of Fatty Acid Oxidation in Human Preeclampsia. <i>Reproductive Sciences</i> , 2016, 23, 1422-1433.	1.1	11
33	Preventive effects of <i>Lentinus edodes</i> on homocysteinemia in mice. <i>Experimental and Therapeutic Medicine</i> , 2013, 6, 465-468.	0.8	9
34	5 $\alpha$ -dihydrotestosterone reduces renal Cyp24a1 expression via suppression of progesterone receptor. <i>Journal of Molecular Endocrinology</i> , 2018, 60, 159-170.	1.1	9
35	Two faces of the estrogen metabolite 2-methoxyestradiol in vitro and in vivo. <i>Molecular Medicine Reports</i> , 2015, 12, 5375-5382.	1.1	8
36	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.	0.6	8

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37	Expression and regulation of Enpp2 in rat uterus during the estrous cycle. <i>Journal of Veterinary Science</i> , 2011, 12, 379.	0.5	7
38	Senescence is accelerated through donor cell specificity in cloned pigs. <i>International Journal of Molecular Medicine</i> , 2012, 30, 383-391.	1.8	7
39	Effects of <i>Acer okamotoanum</i> sap on the function of polymorphonuclear neutrophilic leukocytes in vitro and in vivo. <i>Molecular Medicine Reports</i> , 2013, 7, 654-658.	1.1	7
40	Establishment of a rapid drug screening system based on embryonic stem cells. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 327-338.	2.0	7
41	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
42	Regulation of tight junction gene expression in the kidney of calbindin-D9k and/or -D28k knockout mice after consumption of a calcium- or a calcium/vitamin D-deficient diet. <i>BMC Biochemistry</i> , 2014, 15, 6.	4.4	6
43	Regulation and Localization of Transient Receptor Potential Melastatin 2 in Rat Uterus. <i>Reproductive Sciences</i> , 2014, 21, 1288-1295.	1.1	6
44	Therapeutic effect of <i>Cnidium officinale</i> Makino extract on ovariectomized hind-limb ischemic mice. <i>Integrative Medicine Research</i> , 2019, 8, 107-115.	0.7	6
45	Expression of calbindin-D28k and its regulation by estrogen in the human endometrium during the menstrual cycle. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 28.	1.4	5
46	Analysis of the effects of essential oils on airborne bacteria in a customized bio-clean room. <i>Molecular Medicine Reports</i> , 2012, 6, 651-656.	1.1	5
47	Beneficial effects of <i>Acer okamotoanum</i> sap on L-NAME-induced hypertension-like symptoms in a rat model. <i>Molecular Medicine Reports</i> , 2012, 5, 427-31.	1.1	4
48	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.	0.8	4
49	Antidepressant Effect of <i>Tetragonia tetragonoides</i> (Pall.) Kuntze Extract on Serotonin Turnover. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-7.	0.5	4
50	Calbindin-D9k Ablation Disrupt Glucose/Pancreatic Insulin Homeostasis. <i>PLoS ONE</i> , 2016, 11, e0164527.	1.1	3
51	The Effectiveness of <i>Ecklonia Cava</i> Kjellman Extract in Improving Menopausal Syndrome in Osteoporosis and Depression. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5315.	1.3	1
52	218 DISTINCT EXPRESSION OF CALCIUM TRANSPORT CHANNELS, TRPV5, TRPV6, PMCA1, NCKX3, AND CaBP-9k IN THE DUODENUM, KIDNEY, AND PLACENTA DURING PREGNANCY. <i>Reproduction, Fertility and Development</i> , 2015, 27, 199.	0.1	0