

Kyung-Chul Choi, Dvm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12105348/publications.pdf>

Version: 2024-02-01

167
papers

7,425
citations

47004

47
h-index

71682

76
g-index

167
all docs

167
docs citations

167
times ranked

8455
citing authors

#	ARTICLE	IF	CITATIONS
1	Ovarian Surface Epithelium: Biology, Endocrinology, and Pathology*. <i>Endocrine Reviews</i> , 2001, 22, 255-288.	20.1	858
2	Induction of carcinogenesis by concurrent inactivation of p53 and Rb1 in the mouse ovarian surface epithelium. <i>Cancer Research</i> , 2003, 63, 3459-63.	0.9	229
3	Potential estrogenic effect(s) of parabens at the prepubertal stage of a postnatal female rat model. <i>Reproductive Toxicology</i> , 2010, 29, 306-316.	2.9	194
4	Functions and physiological roles of two types of estrogen receptors, ER α and ER β , identified by estrogen receptor knockout mouse. <i>Laboratory Animal Research</i> , 2012, 28, 71.	2.5	166
5	Cytochrome P450 1 family and cancers. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 147, 24-30.	2.5	143
6	Antibacterial and Antifungal Effects of Essential Oils from Coniferous Trees. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 863-866.	1.4	134
7	Anti-cancer Effect and Underlying Mechanism(s) of Kaempferol, a Phytoestrogen, on the Regulation of Apoptosis in Diverse Cancer Cell Models. <i>Toxicological Research</i> , 2013, 29, 229-234.	2.1	132
8	Treatment with kaempferol suppresses breast cancer cell growth caused by estrogen and triclosan in cellular and xenograft breast cancer models. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 70-82.	4.2	129
9	Molecular mechanism(s) of endocrine-disrupting chemicals and their potent oestrogenicity in diverse cells and tissues that express oestrogen receptors. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1-11.	3.6	110
10	Estradiol Up-Regulates Antiapoptotic Bcl-2 Messenger Ribonucleic Acid and Protein in Tumorigenic Ovarian Surface Epithelium Cells*. <i>Endocrinology</i> , 2001, 142, 2351-2360.	2.8	108
11	Role of Gonadotropin-Releasing Hormone as an Autocrine Growth Factor in Human Ovarian Surface Epithelium1. <i>Endocrinology</i> , 2000, 141, 72-80.	2.8	103
12	Role of the epithelial-mesenchymal transition and its effects on embryonic stem cells. <i>Experimental and Molecular Medicine</i> , 2014, 46, e108-e108.	7.7	99
13	Kaempferol, a phytoestrogen, suppressed triclosan-induced epithelial-mesenchymal transition and metastatic-related behaviors of MCF-7 breast cancer cells. <i>Environmental Toxicology and Pharmacology</i> , 2017, 49, 48-57.	4.0	94
14	Phenotype of a Calbindin-D9k Gene Knockout Is Compensated for by the Induction of Other Calcium Transporter Genes in a Mouse Model. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1968-1978.	2.8	92
15	Progression of Breast Cancer Cells Was Enhanced by Endocrine-Disrupting Chemicals, Triclosan and Octylphenol, via an Estrogen Receptor-Dependent Signaling Pathway in Cellular and Mouse Xenograft Models. <i>Chemical Research in Toxicology</i> , 2014, 27, 834-842.	3.3	91
16	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
17	Overexpression of Follicle-Stimulating Hormone Receptor Activates Oncogenic Pathways in Preneoplastic Ovarian Surface Epithelial Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5508-5516.	3.6	80
18	Treatment with bisphenol A and methoxychlor results in the growth of human breast cancer cells and alteration of the expression of cell cycle-related genes, cyclin D1 and p21, via an estrogen receptor-dependent signaling pathway. <i>International Journal of Molecular Medicine</i> , 2012, 29, 883-90.	4.0	80

#	ARTICLE	IF	CITATIONS
19	Effect of steroid hormones, estrogen and progesterone, on epithelial mesenchymal transition in ovarian cancer development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 1-8.	2.5	80
20	Expression and Antiproliferative Effect of a Second Form of Gonadotropin-Releasing Hormone in Normal and Neoplastic Ovarian Surface Epithelial Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5075-5075.	3.6	75
21	Anticancer effect of genistein on BG-1 ovarian cancer growth induced by 17 β -estradiol or bisphenol A via the suppression of the crosstalk between estrogen receptor alpha and insulin-like growth factor-1 receptor signaling pathways. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 637-646.	2.8	75
22	Bisphenol A and Nonylphenol Have the Potential to Stimulate the Migration of Ovarian Cancer Cells by Inducing Epithelial \rightarrow Mesenchymal Transition via an Estrogen Receptor Dependent Pathway. <i>Chemical Research in Toxicology</i> , 2015, 28, 662-671.	3.3	69
23	Gonadotropins upregulate the epidermal growth factor receptor through activation of mitogen-activated protein kinases and phosphatidylinositol-3-kinase in human ovarian surface epithelial cells. <i>Endocrine-Related Cancer</i> , 2005, 12, 407-421.	3.1	66
24	Estradiol Regulates Gonadotropin-Releasing Hormone (GnRH) and its Receptor Gene Expression and Antagonizes the Growth Inhibitory Effects of GnRH in Human Ovarian Surface Epithelial and Ovarian Cancer Cells ^{>1</sup>. <i>Endocrinology</i>, 2001, 142, 580-588.}	2.8	64
25	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
26	Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process. <i>Molecular and Cellular Endocrinology</i> , 2017, 457, 103-113.	3.2	64
27	Follicle-Stimulating Hormone Activates Mitogen-Activated Protein Kinase in Preneoplastic and Neoplastic Ovarian Surface Epithelial Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2245-2253.	3.6	62
28	Transfer of maternally injected endocrine disruptors through breast milk during lactation induces neonatal Calbindin-D9k in the rat model. <i>Reproductive Toxicology</i> , 2004, 18, 661-668.	2.9	60
29	Gonadotropins Activate Proteolysis and Increase Invasion through Protein Kinase A and Phosphatidylinositol 3-Kinase Pathways in Human Epithelial Ovarian Cancer Cells. <i>Cancer Research</i> , 2006, 66, 3912-3920.	0.9	60
30	Cell Growth of Ovarian Cancer Cells is Stimulated by Xenoestrogens through an Estrogen-Dependent Pathway, but Their Stimulation of Cell Growth Appears not to be Involved in the Activation of the Mitogen-Activated Protein Kinases ERK-1 and p38. <i>Journal of Reproduction and Development</i> , 2009, 55, 23-29.	1.4	60
31	Cell growth of BG-1 ovarian cancer cells is promoted by di-n-butyl phthalate and hexabromocyclododecane via upregulation of the cyclin D and cyclin-dependent kinase-4 genes. <i>Molecular Medicine Reports</i> , 2011, 5, 761-6.	2.4	60
32	The Biomarker and Endocrine Disruptors in Mammals. <i>Journal of Reproduction and Development</i> , 2003, 49, 337-345.	1.4	58
33	Conflict of Estrogenic Activity by Various Phthalates between In Vitro and In Vivo Models Related to the Expression of Calbindin-D9k. <i>Journal of Reproduction and Development</i> , 2005, 51, 253-263.	1.4	57
34	Molecular mechanism of regulation of the calcium \rightarrow binding protein calbindin \rightarrow 9k _{9k} , and its physiological role(s) in mammals: a review of current research. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 409-420.	3.6	57
35	Effects of bisphenol compounds on the growth and epithelial mesenchymal transition of MCF-7 CV human breast cancer cells. <i>Journal of Biomedical Research</i> , 2017, 31, 358.	1.6	56
36	Genistein suppressed epithelial \rightarrow mesenchymal transition and migration efficacies of BG-1 ovarian cancer cells activated by estrogenic chemicals via estrogen receptor pathway and downregulation of TGF- β 2 signaling pathway. <i>Phytomedicine</i> , 2015, 22, 993-999.	5.3	55

#	ARTICLE	IF	CITATIONS
37	Induction of Calbindin-D9k Messenger RNA and Protein by Maternal Exposure to Alkylphenols During Late Pregnancy in Maternal and Neonatal Uteri of Rats ¹ . <i>Biology of Reproduction</i> , 2004, 71, 669-675.	2.7	54
38	Methoxychlor and triclosan stimulates ovarian cancer growth by regulating cell cycle- and apoptosis-related genes via an estrogen receptor-dependent pathway. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 1264-1274.	4.0	54
39	Resveratrol regulates the cell viability promoted by 17 β -estradiol or bisphenol A via down-regulation of the cross-talk between estrogen receptor β and insulin growth factor-1 receptor in BG-1 ovarian cancer cells. <i>Food and Chemical Toxicology</i> , 2013, 59, 373-379.	3.6	53
40	Genistein, a soy phytoestrogen, prevents the growth of BG-1 ovarian cancer cells induced by 17 β -estradiol or bisphenol A via the inhibition of cell cycle progression. <i>International Journal of Oncology</i> , 2013, 42, 733-740.	3.3	53
41	Chemopreventive and chemotherapeutic effects of genistein, a soy isoflavone, upon cancer development and progression in preclinical animal models. <i>Laboratory Animal Research</i> , 2014, 30, 143.	2.5	53
42	Resveratrol induced reactive oxygen species and endoplasmic reticulum stress-mediated apoptosis, and cell cycle arrest in the A375SM malignant melanoma cell line. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1427-1435.	4.0	52
43	Novel Calbindin-D9k protein as a useful biomarker for environmental estrogenic compounds in the uterus of immature rats. <i>Reproductive Toxicology</i> , 2003, 17, 311-319.	2.9	51
44	Mechanism of gonadotropin-releasing hormone (GnRH)-I and -II-induced cell growth inhibition in ovarian cancer cells: role of the GnRH-I receptor and protein kinase C pathway. <i>Endocrine-Related Cancer</i> , 2006, 13, 211-220.	3.1	51
45	Identification of estrogen-regulated genes by microarray analysis of the uterus of immature rats exposed to endocrine disrupting chemicals. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 49.	3.3	50
46	The essential oils of <i>Chamaecyparis obtusa</i> promote hair growth through the induction of vascular endothelial growth factor gene. <i>F\ddot{A}-totera\ddot{A}-\ddot{A}c</i> , 2010, 81, 17-24.	2.2	50
47	Estrogen Receptor β Pathway Is Involved in the Regulation of Calbindin-D9k in the Uterus of Immature Rats. <i>Toxicological Sciences</i> , 2005, 84, 270-277.	3.1	49
48	Gene Alterations of Ovarian Cancer Cells Expressing Estrogen Receptors by Estrogen and Bisphenol A Using Microarray Analysis. <i>Laboratory Animal Research</i> , 2011, 27, 99.	2.5	47
49	Benzophenone-1 stimulated the growth of BG-1 ovarian cancer cells by cell cycle regulation via an estrogen receptor alpha-mediated signaling pathway in cellular and xenograft mouse models. <i>Toxicology</i> , 2013, 305, 41-48.	4.2	47
50	Benzophenone-1 and Nonylphenol Stimulated MCF-7 Breast Cancer Growth by Regulating Cell Cycle and Metastasis-Related Genes Via an Estrogen Receptor β -Dependent Pathway. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 492-505.	2.3	47
51	Anti-metastatic potential of resveratrol and its metabolites by the inhibition of epithelial-mesenchymal transition, migration, and invasion of malignant cancer cells. <i>Phytomedicine</i> , 2016, 23, 1787-1796.	5.3	47
52	Extracellular Signal-Regulated Protein Kinase, But Not c-Jun N-Terminal Kinase, Is Activated by Type II Gonadotropin-Releasing Hormone Involved in the Inhibition of Ovarian Cancer Cell Proliferation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1670-1677.	3.6	46
53	Glucocorticoids differentially regulate expression of duodenal and renal calbindin-D9k through glucocorticoid receptor-mediated pathway in mouse model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E299-E307.	3.5	46
54	Differential expression of uterine calcium transporter 1 and plasma membrane Ca ²⁺ ATPase 1b during rat estrous cycle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E234-E241.	3.5	45

#	ARTICLE	IF	CITATIONS
55	Anticarcinogenic Effects of Dietary Phytoestrogens and Their Chemopreventive Mechanisms. <i>Nutrition and Cancer</i> , 2015, 67, 796-803.	2.0	45
56	Roles of Dietary Phytoestrogens on the Regulation of Epithelial-Mesenchymal Transition in Diverse Cancer Metastasis. <i>Toxins</i> , 2016, 8, 162.	3.4	45
57	Phytochemical-induced reactive oxygen species and endoplasmic reticulum stress-mediated apoptosis and differentiation in malignant melanoma cells. <i>Phytomedicine</i> , 2018, 39, 100-110.	5.3	45
58	The Regulation of Apoptosis by Activin and Transforming Growth Factor- β 2 in Early Neoplastic and Tumorigenic Ovarian Surface Epithelium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2125-2135.	3.6	41
59	Stimulation of Mitogen-Activated Protein Kinase by Gonadotropin-Releasing Hormone in Human Granulosa-Luteal Cells**This work was supported grants from the Medical Research Council of Canada.. <i>Endocrinology</i> , 2001, 142, 671-679.	2.8	41
60	Expression of human Calbindin-D9k correlated with age, vitamin D receptor and blood calcium level in the gastrointestinal tissues. <i>Clinical Biochemistry</i> , 2003, 36, 255-261.	1.9	40
61	Effects of 4-Nonylphenol and Bisphenol A on Stimulation of Cell Growth via Disruption of the Transforming Growth Factor- β 2 Signaling Pathway in Ovarian Cancer Models. <i>Chemical Research in Toxicology</i> , 2014, 27, 119-128.	3.3	40
62	Biology and physiology of Calbindin-D9k in female reproductive tissues: involvement of steroids and endocrine disruptors. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 66.	3.3	39
63	Tetrabromodiphenyl Ether (BDE 47) Evokes Estrogenicity and Calbindin-D9k Expression through an Estrogen Receptor-Mediated Pathway in the Uterus of Immature Rats. <i>Toxicological Sciences</i> , 2007, 97, 504-511.	3.1	39
64	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.	2.0	39
65	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
66	Maternal-fetal transfer of endocrine disruptors in the induction of Calbindin-D9k mRNA and protein during pregnancy in rat model. <i>Molecular and Cellular Endocrinology</i> , 2003, 212, 63-72.	3.2	37
67	Stem cells with fused gene expression of cytosine deaminase and interferon- β 2 migrate to human gastric cancer cells and result in synergistic growth inhibition for potential therapeutic use. <i>International Journal of Oncology</i> , 2012, 40, 1097-1104.	3.3	37
68	Growth and migration of LNCaP prostate cancer cells are promoted by triclosan and benzophenone-1 via an androgen receptor signaling pathway. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 568-576.	4.0	37
69	Effect of Genistein As a Selective Estrogen Receptor Beta Agonist on the Expression of Calbindin-D9k in the Uterus of Immature Rats. <i>Toxicological Sciences</i> , 2004, 82, 451-457.	3.1	36
70	Estradiol Up-Regulates Antiapoptotic Bcl-2 Messenger Ribonucleic Acid and Protein in Tumorigenic Ovarian Surface Epithelium Cells. <i>Endocrinology</i> , 2001, 142, 2351-2360.	2.8	36
71	Differential expression of activin/inhibin subunit and activin receptor mRNAs in normal and neoplastic ovarian surface epithelium (OSE). <i>Molecular and Cellular Endocrinology</i> , 2001, 174, 99-110.	3.2	35
72	Mouse calbindin-D9k gene expression in the uterus during late pregnancy and lactation. <i>Molecular and Cellular Endocrinology</i> , 2003, 205, 79-88.	3.2	35

#	ARTICLE	IF	CITATIONS
73	Influence of the prodrugs 5-Fluorocytosine and CPT-1 on ovarian cancer cells using genetically engineered stem cells: tumor-tropic potential and inhibition of ovarian cancer cell growth. <i>Cancer Science</i> , 2010, 101, 955-962.	3.9	35
74	Modulation of lipid metabolism by mixtures of protamine and chitoooligosaccharide through pancreatic lipase inhibitory activity in a rat model. <i>Laboratory Animal Research</i> , 2012, 28, 31.	2.5	35
75	Selective antitumor effect of neural stem cells expressing cytosine deaminase and interferon-beta against ductal breast cancer cells in cellular and xenograft models. <i>Stem Cell Research</i> , 2014, 12, 36-48.	0.7	35
76	Mitogen-activated protein kinases in normal and (pre)neoplastic ovarian surface epithelium. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 71.	3.3	34
77	Type II Gonadotropin-Releasing Hormone Stimulates p38 Mitogen-Activated Protein Kinase and Apoptosis in Ovarian Cancer Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3020-3026.	3.6	34
78	In vitro exposure to xenoestrogens induces growth hormone transcription and release via estrogen receptor-dependent pathways in rat pituitary GH3 cells. <i>Steroids</i> , 2009, 74, 707-714.	1.8	34
79	Effects of essential oil from <i>Chamaecypris 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.	1.9	34
80	Antitumor effects of genetically engineered stem cells expressing yeast cytosine deaminase in lung cancer brain metastases via their tumor-tropic properties. <i>Oncology Reports</i> , 2012, 27, 1823-8.	2.6	34
81	The estrogen receptor signaling pathway activated by phthalates is linked with transforming growth factor- β in the progression of LNCaP prostate cancer models. <i>International Journal of Oncology</i> , 2014, 45, 595-602.	3.3	34
82	Induced growth of BG-1 ovarian cancer cells by 17 β -estradiol or various endocrine disrupting chemicals was reversed by resveratrol via downregulation of cell cycle progression. <i>Molecular Medicine Reports</i> , 2012, 6, 151-6.	2.4	33
83	Treatment with Phytoestrogens Reversed Triclosan and Bisphenol A-Induced Anti-Apoptosis in Breast Cancer Cells. <i>Biomolecules and Therapeutics</i> , 2018, 26, 503-511.	2.4	33
84	A calcium binding protein, Calbindin-D9k, is mainly regulated by estrogen in the pituitary gland of rats during estrous cycle. <i>Molecular Brain Research</i> , 2005, 141, 166-173.	2.3	32
85	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
86	Effects of 17 β -estradiol and xenoestrogens on mouse embryonic stem cells. <i>Toxicology in Vitro</i> , 2010, 24, 1538-1545.	2.4	32
87	Diverse animal models to examine potential role(s) and mechanism of endocrine disrupting chemicals on the tumor progression and prevention: Do they have tumorigenic or anti-tumorigenic property?. <i>Laboratory Animal Research</i> , 2011, 27, 265.	2.5	32
88	Therapeutic potential of stem cells expressing suicide genes that selectively target human breast cancer cells: Evidence that they exert tumoricidal effects via tumor tropism. <i>International Journal of Oncology</i> , 2012, 41, 798-804.	3.3	30
89	Calcium transport genes are differently regulated in maternal and fetal placenta in the knockout mice of calbindin β 28k and β 9k. <i>Molecular Reproduction and Development</i> , 2012, 79, 346-355.	2.0	30
90	4-tert-Octylphenol stimulates the expression of cathepsins in human breast cancer cells and xenografted breast tumors of a mouse model via an estrogen receptor-mediated signaling pathway. <i>Toxicology</i> , 2013, 304, 13-20.	4.2	30

#	ARTICLE	IF	CITATIONS
91	Co-treatment with therapeutic neural stem cells expressing carboxyl esterase and CPT-11 inhibit growth of primary and metastatic lung cancers in mice. <i>Oncotarget</i> , 2014, 5, 12835-12848.	1.8	29
92	Dietary calcium and vitamin D2 supplementation with enhanced <i>Lentinula edodes</i> improves osteoporosis-like symptoms and induces duodenal and renal active calcium transport gene expression in mice. <i>European Journal of Nutrition</i> , 2009, 48, 75-83.	3.9	28
93	Effect of dietary calcium and 1,25-(OH) ₂ D ₃ on the expression of calcium transport genes in calbindin-D _{9k} and -D _{28k} double knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 227-232.	2.1	28
94	Influence of hexabromocyclododecane and 4-nonylphenol on the regulation of cell growth, apoptosis and migration in prostatic cancer cells. <i>Toxicology in Vitro</i> , 2016, 32, 240-247.	2.4	28
95	Inhibitory effects of 3,3'-diindolylmethane on epithelial-mesenchymal transition induced by endocrine disrupting chemicals in cellular and xenograft mouse models of breast cancer. <i>Food and Chemical Toxicology</i> , 2017, 109, 284-295.	3.6	28
96	Novel Progestogenic Activity of Environmental Endocrine Disruptors in the Upregulation of Calbindin-D _{9k} in an Immature Mouse Model. <i>Toxicological Sciences</i> , 2004, 83, 78-88.	3.1	27
97	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
98	Silk Amino Acids Improve Physical Stamina and Male Reproductive Function of Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 273-278.	1.4	27
99	Suppression of the growth of human colorectal cancer cells by therapeutic stem cells expressing cytosine deaminase and interferon- β via their tumor-tropic effect in cellular and xenograft mouse models. <i>Molecular Oncology</i> , 2013, 7, 543-554.	4.6	27
100	Effects of microalgal polyunsaturated fatty acid oil on body weight and lipid accumulation in the liver of C57BL/6 mice fed a high fat diet. <i>Journal of Biomedical Research</i> , 2016, 30, 234.	1.6	27
101	A Calcium-Binding Protein, Calbindin-D _{9k} , Is Regulated through an Estrogen-Receptor Mediated Mechanism following Xenoestrogen Exposure in the GH3 Cell Line. <i>Toxicological Sciences</i> , 2007, 98, 408-415.	3.1	26
102	Dexamethasone differentially regulates renal and duodenal calcium-processing genes in calbindin-D _{9k} and -D _{28k} knockout mice. <i>Experimental Physiology</i> , 2009, 94, 138-151.	2.0	25
103	Potential Roles of Iridoid Glycosides and Their Underlying Mechanisms against Diverse Cancer Growth and Metastasis: Do They Have an Inhibitory Effect on Cancer Progression?. <i>Nutrients</i> , 2021, 13, 2974.	4.1	25
104	Differential regulation of two forms of gonadotropin-releasing hormone messenger ribonucleic acid by gonadotropins in human immortalized ovarian surface epithelium and ovarian cancer cells. <i>Endocrine-Related Cancer</i> , 2006, 13, 641-651.	3.1	23
105	Estrogen Receptors are Involved in Xenoestrogen Induction of Growth Hormone in the Rat Pituitary Gland. <i>Journal of Reproduction and Development</i> , 2009, 55, 206-213.	1.4	23
106	Development and application of neural stem cells for treating various human neurological diseases in animal models. <i>Laboratory Animal Research</i> , 2013, 29, 131.	2.5	23
107	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.	2.5	22
108	Dominant expression of porcine Calbindin-D _{9k} in the uterus during a luteal phase. <i>Molecular Reproduction and Development</i> , 2004, 67, 251-256.	2.0	21

#	ARTICLE	IF	CITATIONS
109	Complex regulation of Calbindin-D9k in the mouse placenta and extra-embryonic membrane during mid- and late pregnancy. <i>Molecular and Cellular Endocrinology</i> , 2004, 214, 39-52.	3.2	21
110	The classical and a non-classical pathways associated with NF- κ B are involved in estrogen-mediated regulation of Calbindin-D9k gene in rat pituitary cells. <i>Molecular and Cellular Endocrinology</i> , 2007, 277, 42-50.	3.2	21
111	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
112	Effect of fenhexamid and cyprodinil on the expression of cell cycle- and metastasis-related genes via an estrogen receptor-dependent pathway in cellular and xenografted ovarian cancer models. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 48-57.	2.8	21
113	Effects of cigarette smoke extracts on cell cycle, cell migration and endocrine activity in human placental cells. <i>Reproductive Toxicology</i> , 2017, 73, 8-19.	2.9	21
114	Apoptosis- and endoplasmic reticulum stress-related genes were regulated by estrogen and progesterone in the uteri of calbindin κ 9 and κ 28 knockout mice. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 194-203.	2.6	20
115	Effect of benzophenone-1 and octylphenol on the regulation of epithelial-mesenchymal transition via an estrogen receptor-dependent pathway in estrogen receptor expressing ovarian cancer cells. <i>Food and Chemical Toxicology</i> , 2016, 93, 58-65.	3.6	20
116	Synergistic effect of therapeutic stem cells expressing cytosine deaminase and interferon-beta via apoptotic pathway in the metastatic mouse model of breast cancer. <i>Oncotarget</i> , 2016, 7, 5985-5999.	1.8	20
117	Differential Transcriptional and Translational Regulations of Calbindin-D9k by Steroid Hormones and Their Receptors in the Uterus of Immature Mice. <i>Journal of Reproduction and Development</i> , 2004, 50, 445-453.	1.4	19
118	Estrogen regulates the localization and expression of calbindin-D9k in the pituitary gland of immature male rats via the ER α -pathway. <i>Molecular and Cellular Endocrinology</i> , 2008, 285, 26-33.	3.2	19
119	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
120	Fludioxonil induced the cancer growth and metastasis via altering epithelial-mesenchymal transition via an estrogen receptor-dependent pathway in cellular and xenografted breast cancer models. <i>Environmental Toxicology</i> , 2017, 32, 1439-1454.	4.0	19
121	Analysis of gene expression profiles in the offspring of rats following maternal exposure to xenoestrogens. <i>Reproductive Toxicology</i> , 2007, 23, 42-54.	2.9	18
122	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.	2.1	18
123	Antitumor therapeutic effects of cytosine deaminase and interferon- γ against endometrial cancer cells using genetically engineered stem cells in vitro. <i>Anticancer Research</i> , 2011, 31, 2853-61.	1.1	18
124	Three components of cigarette smoke altered the growth and apoptosis of metastatic colon cancer cells via inducing the synthesis of reactive oxygen species and endoplasmic reticulum stress. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 80-89.	4.0	17
125	Cigarette smoke extracts induced the colon cancer migration via regulating epithelial mesenchymal transition and metastatic genes in human colon cancer cells. <i>Environmental Toxicology</i> , 2017, 32, 690-704.	4.0	17
126	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.	2.7	16

#	ARTICLE	IF	CITATIONS
127	Gonadotropin-releasing hormone (GnRH)-I and GnRH-II induce cell growth inhibition in human endometrial cancer cells: Involvement of integrin beta3 and focal adhesion kinase. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 81.	3.3	15
128	Treatment of BG-1 Ovarian Cancer Cells Expressing Estrogen Receptors with Lambda-cyhalothrin and Cypermethrin Caused a Partial Estrogenicity Via an Estrogen Receptor-dependent Pathway. <i>Toxicological Research</i> , 2015, 31, 331-337.	2.1	15
129	Maternal Exposure to Bisphenol A during Late Pregnancy Resulted in an Increase of Calbindin-D9k mRNA and Protein in Maternal and Postnatal Rat Uteri. <i>Journal of Reproduction and Development</i> , 2005, 51, 499-508.	1.4	15
130	Anti-proliferative Effect of Engineered Neural Stem Cells Expressing Cytosine Deaminase and Interferon- β against Lymph Node-Derived Metastatic Colorectal Adenocarcinoma in Cellular and Xenograft Mouse Models. <i>Cancer Research and Treatment</i> , 2017, 49, 79-91.	3.0	15
131	Tissue-Specific Expression of the Calcium Transporter Genes TRPV5, TRPV6, NCX1, and PMCA1b in the Duodenum, Kidney and Heart of Equus caballus. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1437-1444.	0.9	14
132	Effects of Genetically Engineered Stem Cells Expressing Cytosine Deaminase and Interferon-Beta or Carboxyl Esterase on the Growth of LNCaP Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12519-12532.	4.1	14
133	Current treatments for advanced melanoma and introduction of a promising novel gene therapy for melanoma (Review). <i>Oncology Reports</i> , 2016, 36, 1779-1786.	2.6	14
134	Potential roles of reactive oxygen species derived from chemical substances involved in cancer development in the female reproductive system. <i>BMB Reports</i> , 2018, 51, 557-562.	2.4	14
135	Cell Growth of BG-1 Ovarian Cancer Cells was Promoted by 4-Tert-octylphenol and 4-Nonylphenol via Downregulation of TGF- β Receptor 2 and Upregulation of c-myc. <i>Toxicological Research</i> , 2011, 27, 253-259.	2.1	14
136	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
137	Induction of Uterine Calbindin-D9k Through an Estrogen Receptor-Dependent Pathway Following Single Injection with Xenobiotic Agents in Immature Rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 171-182.	2.3	12
138	Soy milk digestion extract inhibits progression of prostate cancer cell growth via regulation of prostate cancer-specific antigen and cell cycle-regulatory genes in human LNCaP cancer cells. <i>Molecular Medicine Reports</i> , 2016, 14, 1809-1816.	2.4	12
139	Effect of dioxin and 17 β -estradiol on the expression of cytochrome P450 1A1 gene via an estrogen receptor dependent pathway in cellular and xenografted models. <i>Environmental Toxicology</i> , 2017, 32, 2225-2233.	4.0	12
140	3,3'-Diindolylmethane Suppressed Cyprodinil-Induced Epithelial-Mesenchymal Transition and Metastatic-Related Behaviors of Human Endometrial Ishikawa Cells via an Estrogen Receptor-Dependent Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 189.	4.1	12
141	K ⁺ -dependent Na ⁺ /Ca ²⁺ exchanger 3 is involved in renal active calcium transport and is differentially expressed in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F371-F379.	2.7	11
142	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
143	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
144	Anti-progestogenic effect of flutamide on uterine expression of calbindin-D9k mRNA and protein in immature mice. <i>Reproductive Toxicology</i> , 2006, 22, 694-701.	2.9	9

#	ARTICLE	IF	CITATIONS
145	Implantation-Related Expression of Epidermal Growth Factor Family Molecules and Their Regulation by Progesterone in the Pregnant Rat. <i>Reproductive Sciences</i> , 2008, 15, 678-689.	2.5	9
146	Toxicological Mechanism of Endocrine Disrupting Chemicals: Is Estrogen Receptor Involved?. <i>Toxicological Research</i> , 2010, 26, 237-243.	2.1	8
147	Anticancer Effects of the Engineered Stem Cells Transduced with Therapeutic Genes via a Selective Tumor Tropism Caused by Vascular Endothelial Growth Factor Toward HeLa Cervical Cancer Cells. <i>Molecules and Cells</i> , 2013, 36, 347-354.	2.6	8
148	A Potential Therapy Using Engineered Stem Cells Prevented Malignant Melanoma in Cellular and Xenograft Mouse Models. <i>Cancer Research and Treatment</i> , 2019, 51, 797-811.	3.0	8
149	Membrane-impermeable estrogen is involved in regulation of calbindin-D9k expression via non-genomic pathways in a rat pituitary cell line, GH3 cells. <i>Toxicology in Vitro</i> , 2010, 24, 1229-1236.	2.4	7
150	Effects of octylphenol on the expression of cell cycle-related genes and the growth of mesenchymal stem cells derived from human umbilical cord blood. <i>International Journal of Molecular Medicine</i> , 2014, 33, 221-226.	4.0	7
151	Endocrine-Disrupting Chemicals with Estrogenicity Posing the Risk of Cancer Progression in Estrogen-Responsive Organs. <i>Advances in Molecular Toxicology</i> , 2015, 9, 1-33.	0.4	7
152	Gene therapy strategies using engineered stem cells for treating gynecologic and breast cancer patients (Review). <i>Oncology Reports</i> , 2015, 33, 2107-2112.	2.6	7
153	Altered expression of epithelial mesenchymal transition and pluripotent associated markers by sex steroid hormones in human embryonic stem cells. <i>Molecular Medicine Reports</i> , 2017, 16, 828-836.	2.4	7
154	Cancer-Specific Inhibitory Effects of Genetically Engineered Stem Cells Expressing Cytosine Deaminase and Interferon- β Against Choriocarcinoma in Xenografted Metastatic Mouse Models. <i>Translational Oncology</i> , 2018, 11, 74-85.	3.7	7
155	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
156	Potential role(s) of cysteine cathepsins in cancer progression and metastasis. <i>Journal of Biomedical Research</i> , 2013, 14, 1-7.	0.1	6
157	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.	3.3	5
158	Treatment of Human Placental Choriocarcinoma Cells with Formaldehyde and Benzene Induced Growth and Epithelial Mesenchymal Transition via Induction of an Antioxidant Effect. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 854.	2.6	5
159	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
160	Effect of Ethanol Extract of <i>Canavalia gladiata</i> on Endurance Swimming Capacity in Mice. <i>Journal of Medicinal Food</i> , 2016, 19, 990-993.	1.5	4
161	Effects of calcitonin and parathyroid hormone on the regulation of cabindin-D9k in the uterus, placenta, and fetal membrane of rats related to blood calcium level during late gestation. <i>Molecular Reproduction and Development</i> , 2007, 74, 1188-1197.	2.0	3
162	Conditional knockout of <i>brca1/2</i> and <i>p53</i> in mouse ovarian surface epithelium: Do they play a role in ovarian carcinogenesis?. <i>Journal of Veterinary Science</i> , 2010, 11, 291.	1.3	3

#	ARTICLE	IF	CITATIONS
163	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
164	A promising therapeutic strategy for metastatic gestational trophoblastic disease: Engineered anticancer gene-expressing stem cells to selectively target choriocarcinoma (Review). <i>Oncology Letters</i> , 2019, 17, 2576-2582.	1.8	3
165	The growth of K562 human leukemia cells was inhibited by therapeutic neural stem cells in cellular and xenograft mouse models. <i>Cytotherapy</i> , 2018, 20, 1191-1201.	0.7	1
166	Calcium Homeostasis and Regulation of Calbindin-D9k by Glucocorticoids and Vitamin D as Bioactive Molecules. <i>Biomolecules and Therapeutics</i> , 2009, 17, 125-132.	2.4	1
167	Gene Mutations in Animal Models: Do Tumor Suppressor Genes, brca1 and brca2, Play a Role in Ovarian Carcinogenesis?. <i>Laboratory Animal Research</i> , 2010, 26, 323.	2.5	0