

Beum-Soo An

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,132
citations

331538

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414303

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48
all docs

48
docs citations

48
times ranked

1350
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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. | 3.1 | 92 |
| 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. | 0.4 | 87 |
| 3 | Stimulation of calbindin-D9k mRNA expression in the rat uterus by octyl-phenol, nonylphenol and bisphenol. <i>Molecular and Cellular Endocrinology</i> , 2002, 191, 177-186. | 1.6 | 57 |
| 4 | 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. | 1.3 | 51 |
| 5 | The essential oils of <i>Chamaecyparis obtusa</i> promote hair growth through the induction of vascular endothelial growth factor gene. <i>FÄ-toterapÄ-c</i> , 2010, 81, 17-24. | 1.1 | 50 |
| 6 | Estrogen Receptor Å Pathway Is Involved in the Regulation of Calbindin-D9k in the Uterus of Immature Rats. <i>Toxicological Sciences</i> , 2005, 84, 270-277. | 1.4 | 49 |
| 7 | 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. | 0.8 | 40 |
| 8 | Streptozotocin induces endoplasmic reticulum stress and apoptosis via disruption of calcium homeostasis in mouse pancreas. <i>Molecular and Cellular Endocrinology</i> , 2015, 412, 302-308. | 1.6 | 40 |
| 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. | 1.6 | 36 |
| 10 | Minoxidil-loaded hyaluronic acid dissolving microneedles to alleviate hair loss in an alopecia animal model. <i>Acta Biomaterialia</i> , 2022, 143, 189-202. | 4.1 | 35 |
| 11 | The effects of vitamin D3 on lipogenesis in the liver and adipose tissue of pregnant rats. <i>International Journal of Molecular Medicine</i> , 2015, 36, 1151-1158. | 1.8 | 34 |
| 12 | Calcium transport genes are differently regulated in maternal and fetal placenta in the knockout mice of calbindinâ€ _{9k} and â€ _{28k} . <i>Molecular Reproduction and Development</i> , 2012, 79, 346-355. | 1.0 | 30 |
| 13 | The regulation of oxytocin and oxytocin receptor in human placenta according to gestational age. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 235-243. | 1.1 | 29 |
| 14 | Differential Role of Progesterone Receptor Isoforms in the Transcriptional Regulation of Human Gonadotropin-Releasing Hormone I (GnRH I) Receptor, GnRH I, and GnRH II. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1106-1113. | 1.8 | 28 |
| 15 | Loss of progesterone receptor membrane component 1 promotes hepatic steatosis via the induced de novo lipogenesis. <i>Scientific Reports</i> , 2018, 8, 15711. | 1.6 | 28 |
| 16 | Steroid Receptor Coactivator-3 Is Required for Progesterone Receptor Trans-activation of Target Genes in Response to Gonadotropin-releasing Hormone Treatment of Pituitary Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 20817-20824. | 1.6 | 27 |
| 17 | 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 |
| 18 | Interaction of steroid receptor coactivators and estrogen receptors in the human placenta. <i>Journal of Molecular Endocrinology</i> , 2016, 56, 239-247. | 1.1 | 24 |

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|----|---|-----|-----------|
| 19 | Effect of Vitamin D3 on Biosynthesis of Estrogen in Porcine Granulosa Cells via Modulation of Steroidogenic Enzymes. <i>Toxicological Research</i> , 2017, 33, 49-54. | 1.1 | 24 |
| 20 | The adverse effect of 4-tert-octylphenol on fat metabolism in pregnant rats via regulation of lipogenic proteins. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 284-291. | 2.0 | 22 |
| 21 | Intracutaneous delivery of gelatins induces lipolysis and suppresses lipogenesis of adipocytes. <i>Acta Biomaterialia</i> , 2018, 67, 238-247. | 4.1 | 22 |
| 22 | 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 |
| 23 | Effect of vitamin D3 on production of progesterone in porcine granulosa cells by regulation of steroidogenic enzymes. <i>Journal of Biomedical Research</i> , 2016, 30, 203. | 0.7 | 21 |
| 24 | 2,4,6-Tribromophenol Interferes with the Thyroid Hormone System by Regulating Thyroid Hormones and the Responsible Genes in Mice. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 697. | 1.2 | 20 |
| 25 | 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. | 0.5 | 19 |
| 26 | 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. | 1.6 | 19 |
| 27 | Nanochannel-driven rapid capture of sub-nanogram level biomarkers for painless preeclampsia diagnosis. <i>Biosensors and Bioelectronics</i> , 2020, 163, 112281. | 5.3 | 17 |
| 28 | α -Linolenic Acid-Enriched Cold-Pressed Perilla Oil Suppress High-Fat Diet-Induced Hepatic Steatosis through Amelioration of the ER Stress-Mediated Autophagy. <i>Molecules</i> , 2020, 25, 2662. | 1.7 | 17 |
| 29 | 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 |
| 30 | Induction of the Estrogenic Marker Calbindin-D9k by Octamethylcyclotetrasiloxane. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 14610-14625. | 1.2 | 15 |
| 31 | Regulation of steroid hormones in the placenta and serum of women with preeclampsia. <i>Molecular Medicine Reports</i> , 2017, 17, 2681-2688. | 1.1 | 15 |
| 32 | Effects of estrogen on esophageal function through regulation of Ca ²⁺ -related proteins. <i>Journal of Gastroenterology</i> , 2017, 52, 929-939. | 2.3 | 14 |
| 33 | Therapeutic effects of <i>Schisandra chinensis</i> on the hyperprolactinemia in rat. <i>International Journal of Oncology</i> , 2017, 50, 1448-1454. | 1.4 | 14 |
| 34 | 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. | 1.2 | 13 |
| 35 | The expression and activation of sex steroid receptors in the preeclamptic placenta. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2943-2951. | 1.8 | 12 |
| 36 | Absence of progesterone receptor membrane component 1 reduces migration and metastasis of breast cancer. <i>Cell Communication and Signaling</i> , 2021, 19, 42. | 2.7 | 11 |

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|----|--|-----|-----------|
| 37 | Loss of PGRMC1 Delays the Progression of Hepatocellular Carcinoma via Suppression of Pro-Inflammatory Immune Responses. <i>Cancers</i> , 2021, 13, 2438. | 1.7 | 11 |
| 38 | Pregnenolone sulfate regulates prolactin production in the rat pituitary. <i>Journal of Endocrinology</i> , 2016, 230, 339-346. | 1.2 | 9 |
| 39 | Adverse effects of 4-tert-octylphenol on the production of oxytocin and hCG in pregnant rats. <i>Laboratory Animal Research</i> , 2014, 30, 123. | 1.1 | 8 |
| 40 | Expression of steroidogenic enzymes in human placenta according to the gestational age. <i>Molecular Medicine Reports</i> , 2019, 19, 3903-3911. | 1.1 | 6 |
| 41 | Dissolving biopolymer microneedle patches for the improvement of skin elasticity. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 111, 200-210. | 2.9 | 5 |
| 42 | Expression of reproductive hormone receptors and contraction-associated genes in porcine uterus during the estrous cycle. <i>Molecular Medicine Reports</i> , 2017, 15, 4176-4184. | 1.1 | 4 |
| 43 | Development of Polydiacetylene-Based Testosterone Detection as a Model Sensing Platform for Water-Insoluble Hormone Analytes. <i>Chemosensors</i> , 2021, 9, 176. | 1.8 | 4 |
| 44 | Calbindin-D9k Ablation Disrupt Glucose/Pancreatic Insulin Homeostasis. <i>PLoS ONE</i> , 2016, 11, e0164527. | 1.1 | 3 |
| 45 | 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. | 1.0 | 3 |
| 46 | Intracutaneous Delivery of Gelatins Reduces Fat Accumulation in Subcutaneous Adipose Tissue. <i>Toxicological Research</i> , 2019, 35, 395-402. | 1.1 | 2 |
| 47 | 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 |
| 48 | The Expression and Contribution of SRCs with Preeclampsia Placenta. <i>Reproductive Sciences</i> , 2020, 27, 1513-1521. | 1.1 | 1 |