

Anna Ptak

List of Publications by Year in descending order

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43
papers

1,063
citations

394286

19
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414303

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#	ARTICLE	IF	CITATIONS
1	Bisphenol A induces leptin receptor expression, creating more binding sites for leptin, and activates the JAK/Stat, MAPK/ERK and PI3K/Akt signalling pathways in human ovarian cancer cell. <i>Toxicology Letters</i> , 2012, 210, 332-337.	0.4	94
2	Bisphenol A induce ovarian cancer cell migration via the MAPK and PI3K/Akt signalling pathways. <i>Toxicology Letters</i> , 2014, 229, 357-365.	0.4	88
3	Effect of bisphenol-A on the expression of selected genes involved in cell cycle and apoptosis in the OVCAR-3 cell line. <i>Toxicology Letters</i> , 2011, 202, 30-35.	0.4	74
4	Endocrine-Disrupting Chemicals: Some Actions of POPs on Female Reproduction. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-9.	0.6	74
5	Bisphenol A and its derivatives tetrabromobisphenol A and tetrachlorobisphenol A induce apelin expression and secretion in ovarian cancer cells through a peroxisome proliferator-activated receptor gamma-dependent mechanism. <i>Toxicology Letters</i> , 2017, 269, 15-22.	0.4	62
6	Leptin stimulation of cell cycle and inhibition of apoptosis gene and protein expression in OVCAR-3 ovarian cancer cells. <i>Endocrine</i> , 2013, 43, 394-403.	1.1	51
7	Comparison of the actions of 4-chlorobiphenyl and its hydroxylated metabolites on estradiol secretion by ovarian follicles in primary cells in culture. <i>Reproductive Toxicology</i> , 2005, 20, 57-64.	1.3	33
8	Effects of human blood levels of two PAH mixtures on the AHR signalling activation pathway and CYP1A1 and COMT target genes in granulosa non-tumor and granulosa tumor cell lines. <i>Toxicology</i> , 2017, 389, 1-12.	2.0	31
9	Persistent endocrine-disrupting chemicals found in human follicular fluid stimulate the proliferation of granulosa tumor spheroids via GPR30 and IGF1R but not via the classic estrogen receptors. <i>Chemosphere</i> , 2019, 217, 100-110.	4.2	30
10	Cooperation of bisphenol A and leptin in inhibition of caspase-3 expression and activity in OVCAR-3 ovarian cancer cells. <i>Toxicology in Vitro</i> , 2013, 27, 1937-1943.	1.1	28
11	Effect of growth hormone and insulin-like growth factor-I on spontaneous apoptosis in cultured luteal cells collected from early, mature, and regressing porcine corpora lutea. <i>Animal Reproduction Science</i> , 2004, 80, 267-279.	0.5	27
12	Action of defined mixtures of PCBs, p,p'-DDT and its metabolite p,p'-DDE, on co-culture of porcine theca and granulosa cells: Steroid secretion, cell proliferation and apoptosis. <i>Reproductive Toxicology</i> , 2008, 26, 170-174.	1.3	27
13	Differential accumulation of HCBz and PeCBz in porcine ovarian follicles and their opposing actions on steroid secretion and CYP11, CYP17, 17 β -HSD and CYP19 protein expression. A tissue culture approach. <i>Reproductive Toxicology</i> , 2011, 31, 494-499.	1.3	26
14	Gh and igf-i increase leptin receptor expression in prepubertal pig ovaries: The role of leptin in steroid secretion and cell apoptosis. <i>Acta Veterinaria Hungarica</i> , 2006, 54, 413-426.	0.2	25
15	Induction of cytochrome P450 1A1 in MCF-7 human breast cancer cells by 4-chlorobiphenyl (PCB3) and the effects of its hydroxylated metabolites on cellular apoptosis. <i>Environment International</i> , 2010, 36, 935-941.	4.8	25
16	Bisphenol A and its derivatives decrease expression of chemerin, which reverses its stimulatory action in ovarian cancer cells. <i>Toxicology Letters</i> , 2018, 291, 61-69.	0.4	25
17	Induction of cytochromes P450, caspase-3 and DNA damage by PCB3 and its hydroxylated metabolites in porcine ovary. <i>Toxicology Letters</i> , 2006, 166, 200-211.	0.4	23
18	In vitro exposure of porcine prepubertal follicles to 4-chlorobiphenyl (PCB3) and its hydroxylated metabolites: Effects on sex hormone levels and aromatase activity. <i>Toxicology Letters</i> , 2006, 164, 113-122.	0.4	21

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19	The 2,2,4,4-tetrabromodiphenyl ether hydroxylated metabolites 5-OH-BDE-47 and 6-OH-BDE-47 stimulate estradiol secretion in the ovary by activating aromatase expression. <i>Toxicology</i> , 2013, 305, 65-70.	2.0	21
20	In Vitro Effect of Leptin on Growth Hormone (GH)- and Insulin-Like Growth Factor-I (IGF-I)-stimulated Progesterone Secretion and Apoptosis in Developing and Mature Corpora Lutea of Pig Ovaries. <i>Journal of Reproduction and Development</i> , 2005, 51, 727-733.	0.5	20
21	Comparison of combinatory effects of PCBs (118, 138, 153 and 180) with 17 β -estradiol on proliferation and apoptosis in MCF-7 breast cancer cells. <i>Toxicology and Industrial Health</i> , 2011, 27, 315-321.	0.6	20
22	Primary and tumor mouse Leydig cells exposed to polychlorinated naphthalenes mixture: Effect on estrogen related-receptors expression, intracellular calcium level and sex hormones secretion. <i>Tissue and Cell</i> , 2016, 48, 432-441.	1.0	18
23	Chlorinated biphenyls effect on estrogen-related receptor expression, steroid secretion, mitochondria ultrastructure but not on mitochondrial membrane potential in Leydig cells. <i>Cell and Tissue Research</i> , 2017, 369, 429-444.	1.5	18
24	Adiponectin Reverses the Proliferative Effects of Estradiol and IGF-1 in Human Epithelial Ovarian Cancer Cells by Downregulating the Expression of Their Receptors. <i>Hormones and Cancer</i> , 2018, 9, 166-174.	4.9	18
25	Action of IGF-I on Expression of the Long Form of the Leptin Receptor (ObRb) in the Prepubertal Period and Throughout the Estrous Cycle in the Mature Pig Ovary. <i>Journal of Reproduction and Development</i> , 2007, 53, 289-295.	0.5	17
26	Effects of bisphenol A and 17 β -estradiol on vascular endothelial growth factor A and its receptor expression in the non-cancer and cancer ovarian cell lines. <i>Cell Biology and Toxicology</i> , 2015, 31, 187-197.	2.4	17
27	Stimulation of ovarian cell proliferation by tetrabromobisphenol A but not tetrachlorobisphenol A through G protein-coupled receptor 30. <i>Toxicology in Vitro</i> , 2017, 45, 54-59.	1.1	16
28	17 β -Estradiol Reverses Leptin-Inducing Ovarian Cancer Cell Migration by the PI3K/Akt Signaling Pathway. <i>Reproductive Sciences</i> , 2016, 23, 1600-1608.	1.1	15
29	Effect of single and repeated in vitro exposure of ovarian follicles to o,p'-DDT and p,p'-DDT and their metabolites. <i>Polish Journal of Pharmacology</i> , 2004, 56, 465-72.	0.3	14
30	Growth hormone and insulin-like growth factor-I action on progesterone secretion by porcine corpora lutea isolated at various periods of the luteal phase. <i>Acta Veterinaria Hungarica</i> , 2003, 51, 197-208.	0.2	13
31	Different action of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) and its hydroxylated metabolites on ER α and ER β gene and protein expression. <i>Toxicology Letters</i> , 2014, 229, 250-256.	0.4	13
32	Apelin abrogates the stimulatory effects of 17 β -estradiol and insulin-like growth factor-1 on proliferation of epithelial and granulosa ovarian cancer cell lines via crosstalk between APLNR and ER α /IGF1R. <i>Molecular Biology Reports</i> , 2019, 46, 6325-6338.	1.0	12
33	Valproic Acid as a Promising Co-Treatment With Paclitaxel and Doxorubicin in Different Ovarian Carcinoma Cell Lines. <i>International Journal of Gynecological Cancer</i> , 2016, 26, 1546-1556.	1.2	11
34	The action of low- and high-chlorinated biphenyl mixture on prepubertal porcine ovary: steroid secretion and cells apoptosis. <i>Endocrine Regulations</i> , 2005, 39, 33-41.	0.5	11
35	Stress differentially affects the systemic and leukocyte estrogen network in common carp. <i>Fish and Shellfish Immunology</i> , 2017, 68, 190-201.	1.6	9
36	Persistent endocrine-disrupting chemicals found in human follicular fluid stimulate IGF1 secretion by adult ovarian granulosa cell tumor spheroids and thereby increase proliferation of non-cancer ovarian granulosa cells. <i>Toxicology in Vitro</i> , 2020, 65, 104769.	1.1	9

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37	A mixture of persistent organic pollutants detected in human follicular fluid increases progesterone secretion and mitochondrial activity in human granulosa HGrC1 cells. <i>Reproductive Toxicology</i> , 2021, 104, 114-124.	1.3	9
38	Disruption of 17 β -estradiol secretion by persistent organic pollutants present in human follicular fluid is dependent on the potential of ovarian granulosa tumor cell lines to metabolize estrogen. <i>Molecular and Cellular Endocrinology</i> , 2020, 503, 110698.	1.6	7
39	Mixtures of persistent organic pollutants increase ovarian granulosa tumor cell line migration and spheroid invasion by upregulating MMP2 expression and activity via IGF1R. <i>Toxicology</i> , 2021, 452, 152715.	2.0	6
40	Direct inhibition of ERK1/2 phosphorylation as a possible mechanism for the antiproliferative action of 3,4-diOH-PCB3 in the MCF-7 cell line. <i>Toxicology Letters</i> , 2009, 190, 187-192.	0.4	4
41	The Ovary as a Target Organ for Bisphenol A Toxicity. , 2017, , .		1
42	Immunoassay - A Standard Method to Study the Concentration of Peptide Hormones in Reproductive Tissues in vitro. , 0, , .		0
43	Oestrogens, Xenoestrogens and Hormone-Dependent Cancers. , 2013, , .		0