Anna Ptak

List of Publications by Year
in descending order

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Version: 2024-02-01

43	1,063	394286	414303
papers	citations	19 h-index	32 g-index

43	43	43	1424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mixtures of persistent organic pollutants increase ovarian granulosa tumor cell line migration and spheroid invasion by upregulating MMP2 expression and activity via IGF1R. Toxicology, 2021, 452, 152715.	2.0	6
2	A mixture of persistent organic pollutants detected in human follicular fluid increases progesterone secretion and mitochondrial activity in human granulosa HGrC1 cells. Reproductive Toxicology, 2021, 104, 114-124.	1.3	9
3	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. Toxicology in Vitro, 2020, 65, 104769.	1.1	9
4	Disruption of 17Î²-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. Molecular and Cellular Endocrinology, 2020, 503, 110698.	1.6	7
5	Apelin abrogates the stimulatory effects of 17Î²-estradiol and insulin-like growth factor-1 on proliferation of epithelial and granulosa ovarian cancer cell lines via crosstalk between APLNR and ERÎ±/IGF1R. Molecular Biology Reports, 2019, 46, 6325-6338.	1.0	12
6	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. Chemosphere, 2019, 217, 100-110.	4.2	30
7	Bisphenol A and its derivatives decrease expression of chemerin, which reverses its stimulatory action in ovarian cancer cells. Toxicology Letters, 2018, 291, 61-69.	0.4	25
8	Adiponectin Reverses the Proliferative Effects of Estradiol and IGF-1 in Human Epithelial Ovarian Cancer Cells by Downregulating the Expression of Their Receptors. Hormones and Cancer, 2018, 9, 166-174.	4.9	18
9	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. Toxicology Letters, 2017, 269, 15-22.	0.4	62
10	Chlorinated biphenyls effect on estrogen-related receptor expression, steroid secretion, mitochondria ultrastructure but not on mitochondrial membrane potential in Leydig cells. Cell and Tissue Research, 2017, 369, 429-444.	1.5	18
11	Stress differentially affects the systemic and leukocyte estrogen network in common carp. Fish and Shellfish Immunology, 2017, 68, 190-201.	1.6	9
12	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. Toxicology, 2017, 389, 1-12.	2.0	31
13	Stimulation of ovarian cell proliferation by tetrabromobisphenol A but not tetrachlorobisphenol A through G protein-coupled receptor 30. Toxicology in Vitro, 2017, 45, 54-59.	1.1	16
14	The Ovary as a Target Organ for Bisphenol A Toxicity. , 2017, , .		1
15	Valproic Acid as a Promising Co-Treatment With Paclitaxel and Doxorubicin in Different Ovarian Carcinoma Cell Lines. International Journal of Gynecological Cancer, 2016, 26, 1546-1556.	1.2	11
16	Primary and tumor mouse Leydig cells exposed to polychlorinated naphthalenes mixture: Effect on estrogen related-receptors expression, intracellular calcium level and sex hormones secretion. Tissue and Cell, 2016, 48, 432-441.	1.0	18
17	17 Î²-Estradiol Reverses Leptin-Inducing Ovarian Cancer Cell Migration by the PI3K/Akt Signaling Pathway. Reproductive Sciences, 2016, 23, 1600-1608.	1.1	15
18	Effects of bisphenol A and 17Î²-estradiol on vascular endothelial growth factor A and its receptor expression in the non-cancer and cancer ovarian cell lines. Cell Biology and Toxicology, 2015, 31, 187-197.	2.4	17

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19	Bisphenol A induce ovarian cancer cell migration via the MAPK and PI3K/Akt signalling pathways. Toxicology Letters, 2014, 229, 357-365.	0.4	88
20	Different action of 2,2â€²,4,4â€²-tetrabromodiphenyl ether (BDE-47) and its hydroxylated metabolites on ERÎ± and ERÎ² gene and protein expression. Toxicology Letters, 2014, 229, 250-256.	0.4	13
21	Leptin stimulation of cell cycle and inhibition of apoptosis gene and protein expression in OVCAR-3 ovarian cancer cells. Endocrine, 2013, 43, 394-403.	1.1	51
22	The 2,2â€²,4,4â€²-tetrabromodiphenyl ether hydroxylated metabolites 5-OH-BDE-47 and 6-OH-BDE-47 stimulate estradiol secretion in the ovary by activating aromatase expression. Toxicology, 2013, 305, 65-70.	2.0	21
23	Cooperation of bisphenol A and leptin in inhibition of caspase-3 expression and activity in OVCAR-3 ovarian cancer cells. Toxicology in Vitro, 2013, 27, 1937-1943.	1.1	28
24	Endocrine-Disrupting Chemicals: Some Actions of POPs on Female Reproduction. International Journal of Endocrinology, 2013, 2013, 1-9.	0.6	74
25	Oestrogens, Xenoestrogens and Hormone-Dependent Cancers. , 2013, , .		0
26	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. Toxicology Letters, 2012, 210, 332-337.	0.4	94
27	Effect of bisphenol-A on the expression of selected genes involved in cell cycle and apoptosis in the OVCAR-3 cell line. Toxicology Letters, 2011, 202, 30-35.	0.4	74
28	Differential accumulation of HCBz and PeCBz in porcine ovarian follicles and their opposing actions on steroid secretion and CYP11, CYP17, 17Î²-HSD and CYP19 protein expression. A tissue culture approach. Reproductive Toxicology, 2011, 31, 494-499.	1.3	26
29	Comparison of combinatory effects of PCBs (118, 138, 153 and 180) with 17 Î²-estradiol on proliferation and apoptosis in MCF-7 breast cancer cells. Toxicology and Industrial Health, 2011, 27, 315-321.	0.6	20
30	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. Environment International, 2010, 36, 935-941.	4.8	25
31	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. Toxicology Letters, 2009, 190, 187-192.	0.4	4
32	Action of defined mixtures of PCBs, p,pâ€²-DDT and its metabolite p,pâ€²-DDE, on co-culture of porcine theca and granulosa cells: Steroid secretion, cell proliferation and apoptosis. Reproductive Toxicology, 2008, 26, 170-174.	1.3	27
33	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. Journal of Reproduction and Development, 2007, 53, 289-295.	0.5	17
34	In vitro exposure of porcine prepubertal follicles to 4-chlorobiphenyl (PCB3) and its hydroxylated metabolites: Effects on sex hormone levels and aromatase activity. Toxicology Letters, 2006, 164, 113-122.	0.4	21
35	Induction of cytochromes P450, caspase-3 and DNA damage by PCB3 and its hydroxylated metabolites in porcine ovary. Toxicology Letters, 2006, 166, 200-211.	0.4	23
36	Gh and igf-i increase leptin receptor expression in prepubertal pig ovaries: The role of leptin in steroid secretion and cell apoptosis. Acta Veterinaria Hungarica, 2006, 54, 413-426.	0.2	25

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37	Comparison of the actions of 4-chlorobiphenyl and its hydroxylated metabolites on estradiol secretion by ovarian follicles in primary cells in culture. Reproductive Toxicology, 2005, 20, 57-64.	1.3	33
38	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. Journal of Reproduction and Development, 2005, 51, 727-733.	0.5	20
39	The action of low- and high-chlorinated biphenyl mixture on prepubertal porcine ovary: steroid secretion and cells apoptosis. Endocrine Regulations, 2005, 39, 33-41.	0.5	11
40	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. Animal Reproduction Science, 2004, 80, 267-279.	0.5	27
41	Effect of single and repeated in vitro exposure of ovarian follicles to o,p'-DDT and p,p'-DDT and their metabolites. Polish Journal of Pharmacology, 2004, 56, 465-72.	0.3	14
42	Growth hormone and insulin-like growth factor-I action on progesterone secretion by porcine corpora lutea isolated at various periods of the luteal phase. Acta Veterinaria Hungarica, 2003, 51, 197-208.	0.2	13
43	Immunoassay - A Standard Method to Study the Concentration of Peptide Hormones in Reproductive Tissues in vitro. , 0, , .		0