

Pauliina Penttinen

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,922
citations

279701

23
h-index

265120

42
g-index

51
all docs

51
docs citations

51
times ranked

2854
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonal culturing of human embryonic stem cells on laminin-521/E-cadherin matrix in defined and xeno-free environment. <i>Nature Communications</i> , 2014, 5, 3195.	5.8	248
2	Concentrations of perfluoroalkyl substances (PFASs) in human embryonic and fetal organs from first, second, and third trimester pregnancies. <i>Environment International</i> , 2019, 124, 482-492.	4.8	191
3	Single-cell analysis of human ovarian cortex identifies distinct cell populations but no oogonial stem cells. <i>Nature Communications</i> , 2020, 11, 1147.	5.8	188
4	From cohorts to molecules: Adverse impacts of endocrine disrupting mixtures. <i>Science</i> , 2022, 375, eabe8244.	6.0	129
5	Diet-Derived Polyphenol Metabolite Enterolactone Is a Tissue-Specific Estrogen Receptor Activator. <i>Endocrinology</i> , 2007, 148, 4875-4886.	1.4	126
6	Adult human and mouse ovaries lack DDX4-expressing functional oogonial stem cells. <i>Nature Medicine</i> , 2015, 21, 1116-1118.	15.2	113
7	In-utero stress and mode of conception: impact on regulation of imprinted genes, fetal development and future health. <i>Human Reproduction Update</i> , 2019, 25, 777-801.	5.2	56
8	The Hydroxysteroid (17 β) Dehydrogenase Family Gene HSD17B12 Is Involved in the Prostaglandin Synthesis Pathway, the Ovarian Function, and Regulation of Fertility. <i>Endocrinology</i> , 2016, 157, 3719-3730.	1.4	43
9	Cadmium-Induced Effects on Cellular Signaling Pathways in the Liver of Transgenic Estrogen Reporter Mice. <i>Toxicological Sciences</i> , 2012, 127, 66-75.	1.4	41
10	Human embryonic stem cells. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 31, 2-12.	1.4	38
11	Novel Hydroxysteroid (17 β) Dehydrogenase 1 Inhibitors Reverse Estrogen-Induced Endometrial Hyperplasia in Transgenic Mice. <i>American Journal of Pathology</i> , 2010, 176, 1443-1451.	1.9	37
12	Spider silk for xeno-free long-term self-renewal and differentiation of human pluripotent stem cells. <i>Biomaterials</i> , 2014, 35, 8496-8502.	5.7	37
13	A Pragmatic Approach to Adverse Outcome Pathway Development and Evaluation. <i>Toxicological Sciences</i> , 2021, 184, 183-190.	1.4	36
14	Maternal flaxseed diet during pregnancy or lactation increases female rat offspring's susceptibility to carcinogen-induced mammary tumorigenesis. <i>Reproductive Toxicology</i> , 2007, 23, 397-406.	1.3	35
15	Biosensors Paving the Way to Understanding the Interaction between Cadmium and the Estrogen Receptor Alpha. <i>PLoS ONE</i> , 2011, 6, e23048.	1.1	35
16	Gestational exposure to an epidemiologically defined mixture of phthalates leads to gonadal dysfunction in mouse offspring of both sexes. <i>Scientific Reports</i> , 2019, 9, 6424.	1.6	35
17	A Single Dose of Enterolactone Activates Estrogen Signaling and Regulates Expression of Circadian Clock Genes in Mice. <i>Journal of Nutrition</i> , 2011, 141, 1583-1589.	1.3	33
18	Rapid Fluorescent Detection of (Anti)androgens with <i>spiggin-gfp</i> Medaka. <i>Environmental Science & Technology</i> , 2014, 48, 10919-10928.	4.6	31

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19	Retinoic acid signaling in ovarian folliculogenesis and steroidogenesis. <i>Reproductive Toxicology</i> , 2019, 87, 32-41.	1.3	29
20	Safeguarding Female Reproductive Health Against Endocrine Disrupting Chemicals—The FREIA Project. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3215.	1.8	28
21	Persistent organic pollutants and the size of ovarian reserve in reproductive-aged women. <i>Environment International</i> , 2021, 155, 106589.	4.8	28
22	Mixtures of persistent organic pollutants are found in vital organs of late gestation human fetuses. <i>Chemosphere</i> , 2021, 283, 131125.	4.2	27
23	Cadmium at nanomolar concentrations activates Raf—MEK—ERK1/2 MAPKs signaling via EGFR in human cancer cell lines. <i>Chemico-Biological Interactions</i> , 2015, 231, 44-52.	1.7	26
24	Persistent environmental endocrine-disrupting chemicals in ovarian follicular fluid and <i>in vitro</i> fertilization treatment outcome in women. <i>Upsala Journal of Medical Sciences</i> , 2020, 125, 85-94.	0.4	26
25	Impact of first-line cancer treatment on the follicle quality in cryopreserved ovarian samples from girls and young women. <i>Human Reproduction</i> , 2019, 34, 1674-1685.	0.4	25
26	Follicular fluid and blood levels of persistent organic pollutants and reproductive outcomes among women undergoing assisted reproductive technologies. <i>Environmental Research</i> , 2022, 208, 112626.	3.7	25
27	Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals. <i>Archives of Toxicology</i> , 2020, 94, 3359-3379.	1.9	24
28	Resveratrol supports and alpha-naphthoflavone disrupts growth of human ovarian follicles in an <i>in vitro</i> tissue culture model. <i>Toxicology and Applied Pharmacology</i> , 2018, 338, 73-82.	1.3	23
29	Phthalates, ovarian function and fertility in adulthood. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101552.	2.2	22
30	Pleomorphic Adenoma Gene 1 Is Needed For Timely Zygotic Genome Activation and Early Embryo Development. <i>Scientific Reports</i> , 2019, 9, 8411.	1.6	16
31	<i>In vivo</i> and <i>in vitro</i> postovulatory aging: when time works against oocyte quality?. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 905-918.	1.2	16
32	Human induced pluripotent stem cells from two azoospermic patients with Klinefelter syndrome show similar X chromosome inactivation behavior to female pluripotent stem cells. <i>Human Reproduction</i> , 2019, 34, 2297-2310.	0.4	15
33	Persistent organic pollutants, pre-pregnancy use of combined oral contraceptives, age, and time-to-pregnancy in the SELMA cohort. <i>Environmental Health</i> , 2020, 19, 67.	1.7	15
34	Fertility Preservation for Prepubertal Patients at Risk of Infertility: Present Status and Future Perspectives. <i>Hormone Research in Paediatrics</i> , 2020, 93, 599-608.	0.8	15
35	Perfluorooctane sulfonate (PFOS) exposure of bovine oocytes affects early embryonic development at human-relevant levels in an <i>in vitro</i> model. <i>Toxicology</i> , 2021, 464, 153028.	2.0	15
36	Inhibition of COX-2 Aggravates Neutrophil Migration and Pneumocyte Apoptosis in Surfactant-Depleted Rat Lungs. <i>Pediatric Research</i> , 2006, 59, 412-417.	1.1	14

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37	Estrogen-like effects of diet-derived cadmium differ from those of orally administered CdCl ₂ in the ERE-luc estrogen reporter mouse model. <i>Toxicology Letters</i> , 2011, 202, 75-84.	0.4	14
38	Culture of human ovarian tissue in xeno-free conditions using laminin components of the human ovarian extracellular matrix. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2137-2150.	1.2	14
39	Suspect and non-target screening of ovarian follicular fluid and serum – identification of anthropogenic chemicals and investigation of their association to fertility. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1578-1588.	1.7	10
40	Follicular hormone dynamics during the midcycle surge of gonadotropins in women undergoing fertility treatment. <i>Molecular Human Reproduction</i> , 2020, 26, 256-268.	1.3	8
41	Seminal vesicles and urinary bladder as sites of aromatization of androgens in men, evidenced by a CYP19A1-driven luciferase reporter mouse and human tissue specimens. <i>FASEB Journal</i> , 2013, 27, 1342-1350.	0.2	7
42	From pure compounds to complex exposure: Effects of dietary cadmium and lignans on estrogen, epidermal growth factor receptor, and mitogen activated protein kinase signaling in vivo. <i>Toxicology Letters</i> , 2016, 253, 27-35.	0.4	6
43	Reporter Zebrafish: Endocrine Disruption Meets Estrogen Signaling. <i>Endocrinology</i> , 2011, 152, 2542-2545.	1.4	5
44	Transcriptome analysis of the epididymis from <i>Plag1</i> deficient mice suggests dysregulation of sperm maturation and extracellular matrix genes. <i>Developmental Dynamics</i> , 2020, 249, 1500-1513.	0.8	5
45	Overexpression of Human Estrogen Biosynthetic Enzyme Hydroxysteroid (17beta) Dehydrogenase Type 1 Induces Adenomyosis-like Phenotype in Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4815.	1.8	4
46	Bovine oocyte exposure to perfluorohexane sulfonate (PFHxS) induces phenotypic, transcriptomic, and DNA methylation changes in resulting embryos in vitro. <i>Reproductive Toxicology</i> , 2022, 109, 19-30.	1.3	3
47	Toxicity Assessment of Resveratrol Liposomes-in-Hydrogel Delivery System by EpiVaginal™ Tissue Model. <i>Pharmaceutics</i> , 2022, 14, 1295.	2.0	3
48	Adult Human and Mouse Ovaries Lack DDX4-Expressing Functional Oogonial Stem Cells. <i>Obstetrical and Gynecological Survey</i> , 2016, 71, 29-30.	0.2	1
49	Reply: Impact of first-line cancer treatment on follicle quality in cryopreserved ovarian samples. <i>Human Reproduction</i> , 2020, 35, 1249-1251.	0.4	1