

Sophie Petropoulos

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,351
citations

185998

28
h-index

276539

41
g-index

47
all docs

47
docs citations

47
times ranked

4634
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycomb repressive complex 2 shields naïve human pluripotent cells from trophectoderm differentiation. <i>Nature Cell Biology</i> , 2022, 24, 845-857.	4.6	26
2	Evaluating totipotency using criteria of increasing stringency. <i>Nature Cell Biology</i> , 2021, 23, 49-60.	4.6	121
3	Single-Cell Analysis of Human Ovarian Cortex Identifies Distinct Cell Populations But No Oogonial Stem Cells. <i>Obstetrical and Gynecological Survey</i> , 2020, 75, 354-355.	0.2	1
4	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
5	OR31-03 Single-Cell Profiling of Adult Human Ovarian Cortex Reveals Six Main Cell Types but No Germline Stem Cells. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
6	The signature of liver cancer in immune cells DNA methylation. <i>Clinical Epigenetics</i> , 2018, 10, 8.	1.8	51
7	Acute Effects of Viral Exposure on P-Glycoprotein Function in the Mouse Fetal Blood-Brain Barrier. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1044-1050.	1.1	34
8	Comprehensive Cell Surface Protein Profiling Identifies Specific Markers of Human Naive and Primed Pluripotent States. <i>Cell Stem Cell</i> , 2017, 20, 874-890.e7.	5.2	150
9	The E-cadherin/AmotL2 complex organizes actin filaments required for epithelial hexagonal packing and blastocyst hatching. <i>Scientific Reports</i> , 2017, 7, 9540.	1.6	30
10	Targeted DNA Methylation Analysis Methods. <i>Methods in Pharmacology and Toxicology</i> , 2017, , 33-50.	0.1	3
11	Position- and Hippo signaling-dependent plasticity during lineage segregation in the early mouse embryo. <i>ELife</i> , 2017, 6, .	2.8	117
12	High-Throughput Techniques for DNA Methylation Profiling. <i>Methods in Pharmacology and Toxicology</i> , 2017, , 1-15.	0.1	0
13	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
14	The human PRD-like homeobox gene <i>LEUTX</i> has a central role in embryo genome activation. <i>Development (Cambridge)</i> , 2016, 143, 3459-3469.	1.2	42
15	Single-Cell RNA-Seq Reveals Lineage and X Chromosome Dynamics in Human Preimplantation Embryos. <i>Cell</i> , 2016, 165, 1012-1026.	13.5	830
16	Single-cell analyses of X Chromosome inactivation dynamics and pluripotency during differentiation. <i>Genome Research</i> , 2016, 26, 1342-1354.	2.4	93
17	Single-cell RNA sequencing: revealing human preimplantation development, pluripotency and germline development. <i>Journal of Internal Medicine</i> , 2016, 280, 252-264.	2.7	11
18	Characterization and target genes of nine human PRD-like homeobox domain genes expressed exclusively in early embryos. <i>Scientific Reports</i> , 2016, 6, 28995.	1.6	33

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19	Tocotrienol Treatment in Familial Dysautonomia: Open-Label Pilot Study. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 382-391.	1.1	7
20	Gestational Diabetes Alters Offspring DNA Methylation Profiles in Human and Rat: Identification of Key Pathways Involved in Endocrine System Disorders, Insulin Signaling, Diabetes Signaling, and ILK Signaling. <i>Endocrinology</i> , 2015, 156, 2222-2238.	1.4	63
21	Adult human and mouse ovaries lack DDX4-expressing functional oogonial stem cells. <i>Nature Medicine</i> , 2015, 21, 1116-1118.	15.2	113
22	The Multidrug Resistance 1 Gene <i>Abcb1</i> in Brain and Placenta: Comparative Analysis in Human and Guinea Pig. <i>PLoS ONE</i> , 2014, 9, e111135.	1.1	20
23	Adult Glucocorticoid Exposure Leads to Transcriptional and DNA Methylation Changes in Nuclear Steroid Receptors in the Hippocampus and Kidney of Mouse Male Offspring ¹ . <i>Biology of Reproduction</i> , 2014, 90, 43.	1.2	58
24	Effects of Antenatal Synthetic Glucocorticoid on Glucocorticoid Receptor Binding, DNA Methylation, and Genome-Wide mRNA Levels in the Fetal Male Hippocampus. <i>Endocrinology</i> , 2013, 154, 4170-4181.	1.4	62
25	Glucocorticoid Programming of the Fetal Male Hippocampal Epigenome. <i>Endocrinology</i> , 2013, 154, 1168-1180.	1.4	83
26	Effects of Sertraline and Fluoxetine on P-Glycoprotein at Barrier Sites: In Vivo and In Vitro Approaches. <i>PLoS ONE</i> , 2013, 8, e56525.	1.1	34
27	Prenatal Endotoxemia and Placental Drug Transport in The Mouse: Placental Size-Specific Effects. <i>PLoS ONE</i> , 2013, 8, e65728.	1.1	46
28	Prenatal Synthetic Glucocorticoid Treatment Changes DNA Methylation States in Male Organ Systems: Multigenerational Effects. <i>Endocrinology</i> , 2012, 153, 3269-3283.	1.4	138
29	Sertraline Alters Multidrug Resistance Phosphoglycoprotein Activity in the Mouse Placenta and Fetal Bloodâ€“Brain Barrier. <i>Reproductive Sciences</i> , 2012, 19, 407-415.	1.1	21
30	Placental drug transporters and their role in fetal protection. <i>Placenta</i> , 2012, 33, 137-142.	0.7	115
31	Pro-Inflammatory Cytokine Regulation of P-glycoprotein in the Developing Blood-Brain Barrier. <i>PLoS ONE</i> , 2012, 000, e43022.	1.1	51
32	Lesion of cholinergic neurons in nucleus basalis enhances response to general anesthetics. <i>Experimental Neurology</i> , 2011, 228, 259-269.	2.0	34
33	Breast Cancer-Resistance Protein (BCRP1) in the Fetal Mouse Brain: Development and Glucocorticoid Regulation. <i>Biology of Reproduction</i> , 2011, 84, 783-789.	1.2	16
34	Glucocorticoid Regulation of Placental Breast Cancer Resistance Protein (<i>Bcrp1</i>) in the Mouse. <i>Reproductive Sciences</i> , 2011, 18, 631-639.	1.1	16
35	Effect of glucocorticoids on regulation of placental multidrug resistance phosphoglycoprotein (P-gp) in the mouse. <i>Placenta</i> , 2010, 31, 803-810.	0.7	44
36	Developmental expression of multidrug resistance phosphoglycoprotein (P-gp) in the mouse fetal brain and glucocorticoid regulation. <i>Brain Research</i> , 2010, 1357, 9-18.	1.1	37

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37	Multidrug resistance phosphoglycoprotein (ABCB1) expression in the guinea pig placenta: developmental changes and regulation by betamethasone. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 973-978.	0.7	29
38	Fetal programming of hypothalamicâ€“pituitaryâ€“adrenal (HPA) axis function and behavior by synthetic glucocorticoids. <i>Brain Research Reviews</i> , 2008, 57, 586-595.	9.1	221
39	Functional Changes of Mouse Placental Multidrug Resistance Phosphoglycoprotein (ABCB1) With Advancing Gestation and Regulation by Progesterone. <i>Reproductive Sciences</i> , 2007, 14, 321-328.	1.1	44
40	Breast Cancer Resistance Protein (Bcrp1/Abcg2) in Mouse Placenta and Yolk Sac: Ontogeny and its Regulation by Progesterone. <i>Placenta</i> , 2007, 28, 1073-1081.	0.7	47
41	Multidrug Resistance Phosphoglycoprotein (ABCB1) in the Mouse Placenta: Fetal Protection1. <i>Biology of Reproduction</i> , 2005, 73, 591-597.	1.2	92