Erica D Watson

List of Publications by Year
in descending order

26	1,554	706676 14	685536 24
papers	citations	h-index	g-index

29	29	29	2469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hematopoietic stem cell gene therapy targeting TGFÎ² enhances the efficacy of irradiation therapy in a preclinical glioblastoma model. , 2021, 9, e001143.		7
2	Defective folate metabolism causes germline epigenetic instability and distinguishes Hira as a phenotype inheritance biomarker. Nature Communications, 2021, 12, 3714.	5.8	12
3	Variably methylated retrotransposons are refractory to a range of environmental perturbations. Nature Genetics, 2021, 53, 1233-1242.	9.4	23
4	Excessive endoplasmic reticulum stress drives aberrant mouse trophoblast differentiation and placental development leading to pregnancy loss. Journal of Physiology, 2021, 599, 4153-4181.	1.3	10
5	Disruption of Folate Metabolism Causes Poor Alignment and Spacing of Mouse Conceptuses for Multiple Generations. Frontiers in Cell and Developmental Biology, 2021, 9, 723978.	1.8	4
6	Mtrr hypomorphic mutation alters liver morphology, metabolism and fuel storage in mice. Molecular Genetics and Metabolism Reports, 2020, 23, 100580.	0.4	9
7	Blastocyst transfer in mice alters the placental transcriptome and growth. Reproduction, 2020, 159, 115-132.	1.1	5
8	Analysis of spermatogenesis and fertility in adult mice with a hypomorphic mutation in the Mtrr gene. Reproduction, Fertility and Development, 2019, 31, 1730.	0.1	5
9	Epigenetics of Transgenerational Inheritance of Disease. , 2018, , 805-836.		2
10	Abnormal folate metabolism causes ageâ€, sexâ€ and parentâ€ofâ€originâ€specific haematological defects in mice. Journal of Physiology, 2018, 596, 4341-4360.	1.3	18
11	Dynamic expression of TET1, TET2, and TET3 dioxygenases in mouse and human placentas throughout gestation. Placenta, 2017, 59, 46-56.	0.7	17
12	Multigenerational analysis of sex-specific phenotypic differences at midgestation caused by abnormal folate metabolism. Environmental Epigenetics, 2017, 3, dvx014.	0.9	10
13	Fat eggs shape offspring health. Nature Genetics, 2016, 48, 478-479.	9.4	10
14	Unravelling the complex mechanisms of transgenerational epigenetic inheritance. Current Opinion in Chemical Biology, 2016, 33, 101-107.	2.8	90
15	Transferring Fragments of Paternal Metabolism to the Offspring. Cell Metabolism, 2016, 23, 401-402.	7.2	6
16	Lessons from the one-carbon metabolism: passing it along to the next generation. Reproductive BioMedicine Online, 2013, 27, 637-643.	1.1	24
17	Mutation in Folate Metabolism Causes Epigenetic Instability and Transgenerational Effects on Development. Cell, 2013, 155, 81-93.	13.5	225
18	Suppression of Mitochondrial Electron Transport Chain Function in the Hypoxic Human Placenta: A Role for miRNA-210 and Protein Synthesis Inhibition. PLoS ONE, 2013, 8, e55194.	1.1	112

#	Article	IF	Citations
19	Endoplasmic reticulum stress disrupts placental morphogenesis: implications for human intrauterine growth restriction. Journal of Pathology, 2012, 228, 554-564.	2.1	79
20	Cellâ€“cell adhesion defects in <i>Mrj</i> mutant trophoblast cells are associated with failure to pattern the chorion during early placental development. Developmental Dynamics, 2011, 240, 2505-2519.	0.8	23
21	Neural stem cell selfâ€•renewal requires the Mrj coâ€•chaperone. Developmental Dynamics, 2009, 238, 2564-2574.	0.8	26
22	The Mrj co-chaperone mediates keratin turnover and prevents the formation of toxic inclusion bodies in trophoblast cells of the placenta. Development (Cambridge), 2007, 134, 1809-1817.	1.2	57
23	Metabolic derangement of methionine and folate metabolism in mice deficient in methionine synthase reductase. Molecular Genetics and Metabolism, 2007, 91, 85-97.	0.5	99
24	Branching morphogenesis during development of placental villi. Differentiation, 2006, 74, 393-401.	1.0	115
25	Development of Structures and Transport Functions in the Mouse Placenta. Physiology, 2005, 20, 180-193.	1.6	463
26	Chorioallantoic Morphogenesis and Formation of the Placental Villous Tree. Annals of the New York Academy of Sciences, 2003, 995, 84-93.	1.8	102