Kelle H Moley

List of Publications by Year
in descending order

49 papers	3,739 citations	186265 28 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	6451 citing authors

#	Article	IF	Citations
1	Obesity and female infertility: potential mediators of obesity's impact. Fertility and Sterility, 2017, 107, 840-847.	1.0	472
2	Zika virus infection damages the testes in mice. Nature, 2016, 540, 438-442.	27.8	430
3	Hyperglycemia induces apoptosis in pre-implantation embryos through cell death effector pathways. Nature Medicine, 1998, 4, 1421-1424.	30.7	309
4	High Fat Diet Induced Developmental Defects in the Mouse: Oocyte Meiotic Aneuploidy and Fetal Growth Retardation/Brain Defects. PLoS ONE, 2012, 7, e49217.	2.5	286
5	Maternal Metabolic Syndrome Programs Mitochondrial Dysfunction via Germline Changes across Three Generations. Cell Reports, 2016, 16, 1-8.	6.4	231
6	Trehalose inhibits solute carrier 2A (SLC2A) proteins to induce autophagy and prevent hepatic steatosis. Science Signaling, 2016, 9, ra21.	3.6	223
7	Early-onset metabolic syndrome in mice lacking the intestinal uric acid transporter SLC2A9. Nature Communications, 2014, 5, 4642.	12.8	140
8	Glucose transport and apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2000, 5, 99-105.	4.9	133
9	Embryonic defects induced by maternal obesity in mice derive from Stella insufficiency in oocytes. Nature Genetics, 2018, 50, 432-442.	21.4	112
10	Obesity and PCOS: The Effect of Metabolic Derangements on Endometrial Receptivity at the Time of Implantation. Reproductive Sciences, 2015, 22, 6-14.	2.5	104
11	Human antibodies to the dengue virus E-dimer epitope have therapeutic activity against Zika virus infection. Nature Immunology, 2017, 18, 1261-1269.	14.5	95
12	Metabolic Vulnerabilities in Endometrial Cancer. Cancer Research, 2014, 74, 5832-5845.	0.9	88
13	Interferon lambda protects the female reproductive tract against Zika virus infection. Nature Communications, 2019, 10, 280.	12.8	83
14	Sirt3 prevents maternal obesity-associated oxidative stress and meiotic defects in mouse oocytes. Cell Cycle, 2015, 14, 2959-2968.	2.6	80
15	Adverse effects of obesity and/or high-fat diet on oocyte quality and metabolism are not reversible with resumption of regular diet in mice. Reproduction, Fertility and Development, 2015, 27, 716.	0.4	74
16	Obesity-induced oocyte mitochondrial defects are partially prevented and rescued by supplementation with co-enzyme Q10 in a mouse model. Human Reproduction, 2016, 31, 2090-2097.	0.9	71
17	Obesity-exposed oocytes accumulate and transmit damaged mitochondria due to an inability to activate mitophagy. Developmental Biology, 2017, 426, 126-138.	2.0	70
18	Hyperglycemia-induced apoptotic cell death in the mouse blastocyst is dependent on expression of p53. Molecular Reproduction and Development, 2001, 60, 214-224.	2.0	69

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19	Metabolic changes in the glucose-induced apoptotic blastocyst suggest alterations in mitochondrial physiology. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E226-E232.	3.5	65
20	Developmental and Transmittable Origins of Obesity-Associated Health Disorders. Trends in Genetics, 2017, 33, 399-407.	6.7	50
21	Sirt6 depletion causes spindle defects and chromosome misalignment during meiosis of mouse oocyte. Scientific Reports, 2015, 5, 15366.	3.3	43
22	High Insulin-Like Growth Factor 1 (IGF-1) and Insulin Concentrations Trigger Apoptosis in the Mouse Blastocyst via Down-Regulation of the IGF-1 Receptor. Endocrinology, 2000, 141, 4784-4792.	2.8	40
23	A maternal high-fat, high-sucrose diet induces transgenerational cardiac mitochondrial dysfunction independently of maternal mitochondrial inheritance. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1202-H1210.	3.2	39
24	Effects of obesity on hormonally driven cancer in women. Science Translational Medicine, 2016, 8, 323ps3.	12.4	38
25	Differing roles of pyruvate dehydrogenase kinases during mouse oocyte maturation. Journal of Cell Science, 2015, 128, 2319-2329.	2.0	31
26	The effect of maternal high-fat/high-sugar diet on offspring oocytes and early embryo development. Molecular Human Reproduction, 2019, 25, 717-728.	2.8	31
27	Rab5a is required for spindle length control and kinetochoreâ€microtubule attachment during meiosis in oocytes. FASEB Journal, 2014, 28, 4026-4035.	0.5	30
28	Metabolic Determinants of Mitochondrial Function in Oocytes. Seminars in Reproductive Medicine, 2015, 33, 396-400.	1.1	30
29	Nanoparticle Incorporation of Melittin Reduces Sperm and Vaginal Epithelium Cytotoxicity. PLoS ONE, 2014, 9, e95411.	2.5	26
30	The Autophagy Gene Atg16L1 is Necessary for Endometrial Decidualization. Endocrinology, 2020, 161, .	2.8	26
31	Maternal high-fat diet induces hyperproliferation and alters Pten/Akt signaling in prostates of offspring. Scientific Reports, 2013, 3, 3466.	3.3	23
32	Transgenerational impact of maternal obesogenic diet on offspring bile acid homeostasis and nonalcoholic fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E674-E686.	3.5	23
33	The autophagy protein, FIP200 (RB1CC1) mediates progesterone responses governing uterine receptivity and decidualizationâ€. Biology of Reproduction, 2020, 102, 843-851.	2.7	22
34	Excess Maternal Fructose Consumption Increases Fetal Loss and Impairs Endometrial Decidualization in Mice. Endocrinology, 2016, 157, 956-968.	2.8	20
35	TallyHO obese female mice experience poor reproductive outcomes and abnormal blastocyst metabolism that is reversed by metformin. Reproduction, Fertility and Development, 2015, 27, 31.	0.4	18
36	Cigarette smoke-induced cell cycle arrest in spermatocytes [GC-2spd(ts)] is mediated through crosstalk between Ahrâ€“Nrf2 pathway and MAPK signaling. Journal of Molecular Cell Biology, 2015, 7, 73-87.	3.3	17

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37	Transmission of Metabolic Dysfunction Across Generations. Physiology, 2017, 32, 51-59.	3.1	14
38	Zika Virus Causes Acute Infection and Inflammation in the Ovary of Mice Without Apparent Defects in Fertility. Journal of Infectious Diseases, 2019, 220, 1904-1914.	4.0	14
39	Impaired Chylomicron Assembly Modifies Hepatic Metabolism Through Bile Acidâ€“Dependent and Transmissible Microbial Adaptations. Hepatology, 2019, 70, 1168-1184.	7.3	12
40	Pelvic inflammatory disease. Correlation of severity with CA-125 levels. Journal of reproductive medicine, The, 1996, 41, 341-6.	0.2	10
41	Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at IGF2 and H19 genes in newborns. Environmental and Molecular Mutagenesis, 2021, 62, 388-398.	2.2	9
42	Diet-Induced Metabolic Dysregulation in Female Mice Causes Osteopenia in Adult Offspring. Journal of the Endocrine Society, 2020, 4, bvaa028.	0.2	8
43	Cigarette smoke-induced cell death of a spermatocyte cell line can be prevented by inactivating the Aryl hydrocarbon receptor. Cell Death Discovery, 2015, 1, 15050.	4.7	6
44	Maternal obesogenic diet induces endometrial hyperplasia, an early hallmark of endometrial cancer, in a diethylstilbestrol mouse model. PLoS ONE, 2018, 13, e0186390.	2.5	6
45	Testicular cells exhibit similar molecular responses to cigarette smoke condensate ex vivo and in vivo. FASEB Journal, 2018, 32, 63-72.	0.5	5
46	Maternal Obesity, Cage Density, and Age Contribute to Prostate Hyperplasia in Mice. Reproductive Sciences, 2016, 23, 176-185.	2.5	4
47	Exposure to maternal obesogenic diet worsens some but not all pre-cancer phenotypes in a murine genetic model of prostate cancer. PLoS ONE, 2017, 12, e0175764.	2.5	1
48	Too Much of a Sweet Thing--Maternal Diabetes and Oocyte Quality.Kelle H. Moley, M.D.. Biology of Reproduction, 2009, 81, 2-2.	2.7	1
49	Reply to â€œDiabetes and the risk of miscarriageâ€• Nature Medicine, 1999, 5, 126-127.	30.7	0