

Kelle H Moley

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,739
citations

201575

27
h-index

206029

48
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. <i>Fertility and Sterility</i> , 2017, 107, 840-847.	0.5	472
2	Zika virus infection damages the testes in mice. <i>Nature</i> , 2016, 540, 438-442.	13.7	430
3	Hyperglycemia induces apoptosis in pre-implantation embryos through cell death effector pathways. <i>Nature Medicine</i> , 1998, 4, 1421-1424.	15.2	309
4	High Fat Diet Induced Developmental Defects in the Mouse: Oocyte Meiotic Aneuploidy and Fetal Growth Retardation/Brain Defects. <i>PLoS ONE</i> , 2012, 7, e49217.	1.1	286
5	Maternal Metabolic Syndrome Programs Mitochondrial Dysfunction via Germline Changes across Three Generations. <i>Cell Reports</i> , 2016, 16, 1-8.	2.9	231
6	Trehalose inhibits solute carrier 2A (SLC2A) proteins to induce autophagy and prevent hepatic steatosis. <i>Science Signaling</i> , 2016, 9, ra21.	1.6	223
7	Early-onset metabolic syndrome in mice lacking the intestinal uric acid transporter SLC2A9. <i>Nature Communications</i> , 2014, 5, 4642.	5.8	140
8	Glucose transport and apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2000, 5, 99-105.	2.2	133
9	Embryonic defects induced by maternal obesity in mice derive from Stella insufficiency in oocytes. <i>Nature Genetics</i> , 2018, 50, 432-442.	9.4	112
10	Obesity and PCOS: The Effect of Metabolic Derangements on Endometrial Receptivity at the Time of Implantation. <i>Reproductive Sciences</i> , 2015, 22, 6-14.	1.1	104
11	Human antibodies to the dengue virus E-dimer epitope have therapeutic activity against Zika virus infection. <i>Nature Immunology</i> , 2017, 18, 1261-1269.	7.0	95
12	Metabolic Vulnerabilities in Endometrial Cancer. <i>Cancer Research</i> , 2014, 74, 5832-5845.	0.4	88
13	Interferon lambda protects the female reproductive tract against Zika virus infection. <i>Nature Communications</i> , 2019, 10, 280.	5.8	83
14	Sirt3 prevents maternal obesity-associated oxidative stress and meiotic defects in mouse oocytes. <i>Cell Cycle</i> , 2015, 14, 2959-2968.	1.3	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. <i>Reproduction, Fertility and Development</i> , 2015, 27, 716.	0.1	74
16	Obesity-induced oocyte mitochondrial defects are partially prevented and rescued by supplementation with co-enzyme Q10 in a mouse model. <i>Human Reproduction</i> , 2016, 31, 2090-2097.	0.4	71
17	Obesity-exposed oocytes accumulate and transmit damaged mitochondria due to an inability to activate mitophagy. <i>Developmental Biology</i> , 2017, 426, 126-138.	0.9	70
18	Hyperglycemia-induced apoptotic cell death in the mouse blastocyst is dependent on expression of p53. <i>Molecular Reproduction and Development</i> , 2001, 60, 214-224.	1.0	69

#	ARTICLE	IF	CITATIONS
19	Metabolic changes in the glucose-induced apoptotic blastocyst suggest alterations in mitochondrial physiology. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E226-E232.	1.8	65
20	Developmental and Transmittable Origins of Obesity-Associated Health Disorders. <i>Trends in Genetics</i> , 2017, 33, 399-407.	2.9	50
21	Sirt6 depletion causes spindle defects and chromosome misalignment during meiosis of mouse oocyte. <i>Scientific Reports</i> , 2015, 5, 15366.	1.6	43
22	A maternal high-fat, high-sucrose diet induces transgenerational cardiac mitochondrial dysfunction independently of maternal mitochondrial inheritance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1202-H1210.	1.5	39
23	Effects of obesity on hormonally driven cancer in women. <i>Science Translational Medicine</i> , 2016, 8, 323ps3.	5.8	38
24	Differing roles of pyruvate dehydrogenase kinases during mouse oocyte maturation. <i>Journal of Cell Science</i> , 2015, 128, 2319-2329.	1.2	31
25	The effect of maternal high-fat/high-sugar diet on offspring oocytes and early embryo development. <i>Molecular Human Reproduction</i> , 2019, 25, 717-728.	1.3	31
26	Rab5a is required for spindle length control and kinetochore-microtubule attachment during meiosis in oocytes. <i>FASEB Journal</i> , 2014, 28, 4026-4035.	0.2	30
27	Metabolic Determinants of Mitochondrial Function in Oocytes. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 396-400.	0.5	30
28	Nanoparticle Incorporation of Melittin Reduces Sperm and Vaginal Epithelium Cytotoxicity. <i>PLoS ONE</i> , 2014, 9, e95411.	1.1	26
29	The Autophagy Gene <i>Atg16L1</i> is Necessary for Endometrial Decidualization. <i>Endocrinology</i> , 2020, 161, .	1.4	26
30	Maternal high-fat diet induces hyperproliferation and alters Pten/Akt signaling in prostates of offspring. <i>Scientific Reports</i> , 2013, 3, 3466.	1.6	23
31	Transgenerational impact of maternal obesogenic diet on offspring bile acid homeostasis and nonalcoholic fatty liver disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E674-E686.	1.8	23
32	The autophagy protein, FIP200 (RB1CC1) mediates progesterone responses governing uterine receptivity and decidualization. <i>Biology of Reproduction</i> , 2020, 102, 843-851.	1.2	22
33	Excess Maternal Fructose Consumption Increases Fetal Loss and Impairs Endometrial Decidualization in Mice. <i>Endocrinology</i> , 2016, 157, 956-968.	1.4	20
34	TallyHO obese female mice experience poor reproductive outcomes and abnormal blastocyst metabolism that is reversed by metformin. <i>Reproduction, Fertility and Development</i> , 2015, 27, 31.	0.1	18
35	Cigarette smoke-induced cell cycle arrest in spermatocytes [GC-2spd(ts)] is mediated through crosstalk between AhR-Nrf2 pathway and MAPK signaling. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 73-87.	1.5	17
36	Transmission of Metabolic Dysfunction Across Generations. <i>Physiology</i> , 2017, 32, 51-59.	1.6	14

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37	Zika Virus Causes Acute Infection and Inflammation in the Ovary of Mice Without Apparent Defects in Fertility. <i>Journal of Infectious Diseases</i> , 2019, 220, 1904-1914.	1.9	14
38	Impaired Chylomicron Assembly Modifies Hepatic Metabolism Through Bile Acid-Dependent and Transmissible Microbial Adaptations. <i>Hepatology</i> , 2019, 70, 1168-1184.	3.6	12
39	Pelvic inflammatory disease. Correlation of severity with CA-125 levels. <i>Journal of reproductive medicine, The</i> , 1996, 41, 341-6.	0.2	10
40	Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at <i>IGF2</i> and <i>H19</i> genes in newborns. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 388-398.	0.9	9
41	Diet-Induced Metabolic Dysregulation in Female Mice Causes Osteopenia in Adult Offspring. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa028.	0.1	8
42	Cigarette smoke-induced cell death of a spermatocyte cell line can be prevented by inactivating the Aryl hydrocarbon receptor. <i>Cell Death Discovery</i> , 2015, 1, 15050.	2.0	6
43	Maternal obesogenic diet induces endometrial hyperplasia, an early hallmark of endometrial cancer, in a diethylstilbestrol mouse model. <i>PLoS ONE</i> , 2018, 13, e0186390.	1.1	6
44	Testicular cells exhibit similar molecular responses to cigarette smoke condensate ex vivo and in vivo. <i>FASEB Journal</i> , 2018, 32, 63-72.	0.2	5
45	Maternal Obesity, Cage Density, and Age Contribute to Prostate Hyperplasia in Mice. <i>Reproductive Sciences</i> , 2016, 23, 176-185.	1.1	4
46	Exposure to maternal obesogenic diet worsens some but not all pre-cancer phenotypes in a murine genetic model of prostate cancer. <i>PLoS ONE</i> , 2017, 12, e0175764.	1.1	1
47	Too Much of a Sweet Thing—Maternal Diabetes and Oocyte Quality. Kelle H. Moley, M.D.. <i>Biology of Reproduction</i> , 2009, 81, 2-2.	1.2	1
48	Reply to “Diabetes and the risk of miscarriage”. <i>Nature Medicine</i> , 1999, 5, 126-127.	15.2	0