Nicole Mcpherson

List of Publications by Citations

30 papers	738 citations	16 h-index	27 g-index
33 ext. papers	961 ext. citations	4.1 avg, IF	4.44 L-index

#	Paper	IF	Citations
30	Preconception diet or exercise intervention in obese fathers normalizes sperm microRNA profile and metabolic syndrome in female offspring. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 308, E805-21	6	121
29	Peri-conception parental obesity, reproductive health, and transgenerational impacts. *Trends in Endocrinology and Metabolism*, **2015**, 26, 84-90	8.8	71
28	Oxidative stress in mouse sperm impairs embryo development, fetal growth and alters adiposity and glucose regulation in female offspring. *PLoS ONE*, **2014**, 9, e100832	3.7	71
27	Paternal obesity, interventions, and mechanistic pathways to impaired health in offspring. *Annals of Nutrition and Metabolism*, **2014**, 64, 231-8	4.5	63
26	Paternal obesity induces metabolic and sperm disturbances in male offspring that are exacerbated by their exposure to an "obesogenic" diet. *Physiological Reports*, **2015**, 3, e12336	2.6	61
25	Improving metabolic health in obese male mice via diet and exercise restores embryo development and fetal growth. *PLoS ONE*, **2013**, 8, e71459	3.7	48
24	Obese father\'s metabolic state, adiposity, and reproductive capacity indicate son\'s reproductive health. *Fertility and Sterility*, **2014**, 101, 865-73	4.8	46
23	Paternal under-nutrition programs metabolic syndrome in offspring which can be reversed by antioxidant/vitamin food fortification in fathers. *Scientific Reports*, **2016**, 6, 27010	4.9	35
22	Male obesity and subfertility, is it really about increased adiposity?. *Asian Journal of Andrology*, **2015**, 17, 450-8	2.8	34
21	An Exercise-Only Intervention in Obese Fathers Restores Glucose and Insulin Regulation in Conjunction with the Rescue of Pancreatic Islet Cell Morphology and MicroRNA Expression in Male Offspring. *Nutrients*, **2017**, 9,	6.7	26
20	Influence of increased paternal BMI on pregnancy and child health outcomes independent of maternal effects: A systematic review and meta-analysis. *Obesity Research and Clinical Practice*, **2019**, 13, 511-521	5.4	24
19	The most common vices of men can damage fertility and the health of the next generation. *Journal of Endocrinology*, **2017**, 234, F1-F6	4.7	21
18	Female offspring sired by diet induced obese male mice display impaired blastocyst development with molecular alterations to their ovaries, oocytes and cumulus cells. *Journal of Assisted Reproduction and Genetics*, **2015**, 32, 725-35	3.4	18
17	Stimulation of mitochondrial embryo metabolism by dichloroacetic acid in an aged mouse model improves embryo development and viability. *Fertility and Sterility*, **2014**, 101, 1458-66	4.8	18
16	Gene expression and epigenetic aberrations in F1-placentas fathered by obese males. *Molecular Reproduction and Development*, **2017**, 84, 316-328	2.6	16
15	Combined advanced parental age has an additive negative effect on live birth rates-data from 4057 first IVF/ICSI cycles. *Journal of Assisted Reproduction and Genetics*, **2018**, 35, 279-287	3.4	16
14	Dietary Micronutrient Supplementation for 12 Days in Obese Male Mice Restores Sperm Oxidative Stress. *Nutrients*, **2019**, 11,	6.7	11

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13	Reduction of Mitochondrial Function by FCCP During Mouse Cleavage Stage Embryo Culture Reduces Birth Weight and Impairs the Metabolic Health of Offspring. *Biology of Reproduction*, **2015**, 92, 124	3.9	11
12	Metformin treatment of high-fat diet-fed obese male mice restores sperm function and fetal growth, without requiring weight loss. *Asian Journal of Andrology*, **2020**, 22, 560-568	2.8	6
11	Increased BMI 'alone' does not negatively influence sperm function - a retrospective analysis of men attending fertility treatment with corresponding liver function results. *Obesity Research and Clinical Practice*, **2020**, 14, 164-167	5.4	6
10	PIEZO-ICSI increases fertilization rates compared with standard ICSI: a prospective cohort study. *Reproductive BioMedicine Online*, **2021**, 43, 404-412	4	4
9	Comparison of in vitro fertilisation/intracytoplasmic sperm injection on live birth rates in couples with non-male factor infertility and advanced maternal age. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 669-678	3.4	3
8	The association between paternal body mass index, pregnancy success and child health outcomes: a systematic review protocol. *JBI Database of Systematic Reviews and Implementation Reports*, **2018**, 16, 46-49	1.6	2
7	Improving Sperm Oxidative Stress and Embryo Quality in Advanced Paternal Age Using Idebenone In Vitro-A Proof-of-Concept Study. *Antioxidants*, **2021**, 10,	7.1	2
6	Paternal Obesity and Programming of Offspring Health **2016**, 105-131		1
5	High-fat Diet Alters Male Seminal Plasma Composition to Impair Female Immune Adaptation for Pregnancy in Mice. *Endocrinology*, **2021**, 162,	4.8	1
4	Albumin used in human IVF contain different levels of lipids and modify embryo and fetal growth in a mouse model. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 2371-2381	3.4	1
3	Can we blame fathers who are obese peri-conception, for increasing chronic disease risk in children?. *Obesity Research and Clinical Practice*, **2020**, 14, 195-196	5.4	
2	Comparison of in vitro fertilisation/intracytoplasmic sperm injection on live birth rates in couples with non-male factor infertility and advanced maternal age: overlooked details-response from authors. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 1889-1890	3.4	
1	In memory of Michelle Lane: 1970 - 2020. *Reproductive BioMedicine Online*, **2020**, 40, 753-754	4	