D Richani

List of Publications by Year
in descending order

23 papers	1,121 citations	516215 16 h-index	642321 23 g-index
24 all docs	24 docs citations	24 times ranked	1202 citing authors

#	Article	IF	Citations
1	Effect of cumulin and super-GDF9 in standard and biphasic mouse IVM. Journal of Assisted Reproduction and Genetics, 2022, 39, 127-140.	1.2	8
2	Metabolic co-dependence of the oocyte and cumulus cells: essential role in determining oocyte developmental competence. Human Reproduction Update, 2021, 27, 27-47.	5.2	131
3	Capacitation IVM improves cumulus function and oocyte quality in minimally stimulated mice. Journal of Assisted Reproduction and Genetics, 2020, 37, 77-88.	1.2	22
4	A variant of human growth differentiation factor-9 that improves oocyte developmental competence. Journal of Biological Chemistry, 2020, 295, 7981-7991.	1.6	28
5	Cumulin and FSH Cooperate to Regulate Inhibin B and Activin B Production by Human Granulosa-Lutein Cells In Vitro. Endocrinology, 2019, 160, 853-862.	1.4	17
6	Non-canonical cyclic AMP SMAD1/5/8 signalling in human granulosa cells. Molecular and Cellular Endocrinology, 2019, 490, 37-46.	1.6	10
7	Participation of the adenosine salvage pathway and cyclic AMP modulation in oocyte energy metabolism. Scientific Reports, 2019, 9, 18395.	1.6	20
8	Fifty years of reproductive biology in Australia: highlights from the 50th Annual Meeting of the Society for Reproductive Biology (SRB). Reproduction, Fertility and Development, 2019, 31, 829.	0.1	0
9	Quantifying the cellular NAD+ metabolome using a tandem liquid chromatography mass spectrometry approach. Metabolomics, 2018, 14, 15.	1.4	45
10	The epidermal growth factor network: role in oocyte growth, maturation and developmental competence. Human Reproduction Update, 2018, 24, 1-14.	5.2	197
11	Follicular guidance for oocyte developmental competence. Animal Reproduction, 2018, 15, 721-726.	0.4	7
12	Niclosamide reduces glucagon sensitivity via hepatic PKA inhibition in obese mice: Implications for glucose metabolism improvements in type 2 diabetes. Scientific Reports, 2017, 7, 40159.	1.6	23
13	A sensitive method for the separation and quantification of low-level adenine nucleotides using porous graphitic carbon-based liquid chromatography and tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 445-451.	1.2	13
14	BMP15 Mutations Associated With Primary Ovarian Insufficiency Reduce Expression, Activity, or Synergy With GDF9. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1009-1019.	1.8	31
15	Oocyte maturation and quality: role of cyclic nucleotides. Reproduction, 2016, 152, R143-R157.	1.1	152
16	Hemoglobin: a Gas Transport Molecule That Is Hormonally Regulated in the Ovarian Follicle in Mice and Humans1. Biology of Reproduction, 2015, 92, 26.	1.2	31
17	Cumulin, an Oocyte-secreted Heterodimer of the Transforming Growth Factor-Î² Family, Is a Potent Activator of Granulosa Cells and Improves Oocyte Quality. Journal of Biological Chemistry, 2015, 290, 24007-24020.	1.6	130
18	Reevaluation and evolution of the simulated physiological oocyte maturation system. Theriogenology, 2015, 84, 656-657.	0.9	32

#	Article	IF	Citations
19	Effect of Epidermal Growth Factor-Like Peptides on the Metabolism of In Vitro- Matured Mouse Oocytes and Cumulus Cells1. Biology of Reproduction, 2014, 90, 49.	1.2	39
20	Preâ€maturation with cAMP modulators in conjunction with EGFâ€like peptides during in vitro maturation enhances mouse oocyte developmental competence. Molecular Reproduction and Development, 2014, 81, 422-435.	1.0	61
21	Prematuration with Cyclic Adenosine Monophosphate Modulators Alters Cumulus Cell and Oocyte Metabolism and Enhances Developmental Competence of In Vitro-Matured Mouse Oocytes1. Biology of Reproduction, 2014, 91, 47.	1.2	64
22	Somatic Guidance for the Oocyte. Developmental Cell, 2013, 27, 603-605.	3.1	7
23	Mode of oocyte maturation affects EGF-like peptide function and oocyte competence. Molecular Human Reproduction, 2013, 19, 500-509.	1.3	52