Shubhashree Uppangala

List of Publications by Year
in descending order

31 papers	428 citations	686830 13 h-index	752256 20 g-index
31 all docs	31 docs citations	31 times ranked	652 citing authors

#	Article	IF	Citations
1	Semen Abnormalities, Sperm DNA Damage and Global Hypermethylation in Health Workers Occupationally Exposed to Ionizing Radiation. PLoS ONE, 2013, 8, e69927.	1.1	66
2	NMR studies of preimplantation embryo metabolism in human assisted reproductive techniques: a new biomarker for assessment of embryo implantation potential. NMR in Biomedicine, 2013, 26, 20-27.	1.6	44
3	Association between sperm DNA integrity and seminal plasma antioxidant levels in health workers occupationally exposed to ionizing radiation. Environmental Research, 2014, 132, 297-304.	3.7	30
4	Ovarian tissue vitrification is more efficient than slow freezing in protecting oocyte and granulosa cell DNA integrity. Systems Biology in Reproductive Medicine, 2014, 60, 317-322.	1.0	29
5	Influence of sperm DNA damage on human preimplantation embryo metabolism. Reproductive Biology, 2016, 16, 234-241.	0.9	20
6	Genetic Instability in Lymphocytes is Associated With Blood Plasma Antioxidant Levels in Health Care Workers Occupationally Exposed to Ionizing Radiation. International Journal of Toxicology, 2016, 35, 327-335.	0.6	20
7	Sperm Chromatin Immaturity Observed in Short Abstinence Ejaculates Affects DNA Integrity and Longevity In Vitro. PLoS ONE, 2016, 11, e0152942.	1.1	18
8	Unraveling the association between genetic integrity and metabolic activity in pre-implantation stage embryos. Scientific Reports, 2016, 6, 37291.	1.6	16
9	Laser assisted zona hatching does not lead to immediate impairment in human embryo quality and metabolism. Systems Biology in Reproductive Medicine, 2016, 62, 396-403.	1.0	16
10	Fertility preservation during the COVID-19 pandemic: mitigating the viral contamination risk to reproductive cells in cryostorage. Reproductive BioMedicine Online, 2020, 41, 991-997.	1.1	16
11	Oncofertility: Knowledge, Attitudes, and Barriers Among Indian Oncologists and Gynecologists. Journal of Adolescent and Young Adult Oncology, 2021, 10, 71-77.	0.7	16
12	Germ cell abnormalities in streptozotocin induced diabetic mice do not correlate with blood glucose level. Journal of Assisted Reproduction and Genetics, 2012, 29, 1405-1413.	1.2	14
13	Nuclear DNA fragmentation negatively affects zona binding competence of Y bearing mouse spermatozoa. Journal of Assisted Reproduction and Genetics, 2013, 30, 1611-1615.	1.2	14
14	A Simple, Centrifugation-Free, Sperm-Sorting Device Eliminates the Risks of Centrifugation in the Swim-Up Method While Maintaining Functional Competence and DNA Integrity of Selected Spermatozoa. Reproductive Sciences, 2021, 28, 134-143.	1.1	14
15	Frozen-thawed spermatozoa from oligozoospermic ejaculates are susceptible to in situ DNA fragmentation in polyvinylpyrrolidone-based sperm-immobilization medium. Fertility and Sterility, 2012, 98, 321-325.	0.5	13
16	Laser-assisted hatching of cleavage-stage embryos impairs developmental potential and increases DNA damage in blastocysts. Lasers in Medical Science, 2015, 30, 95-101.	1.0	13
17	Spent embryo culture medium metabolites are related to the in vitro attachment ability of blastocysts. Scientific Reports, 2018, 8, 17025.	1.6	13
18	In Vitro Matured Oocytes Are More Susceptible than In Vivo Matured Oocytes to Mock ICSI Induced Functional and Genetic Changes. PLoS ONE, 2015, 10, e0119735.	1.1	10

#	Article	IF	Citations
19	Reduced ovarian response to controlled ovarian stimulation is associated with increased oxidative stress in the follicular environment. Reproductive Biology, 2020, 20, 402-407.	0.9	9
20	Epigenetic changes in preimplantation embryos subjected to laser manipulation.. Lasers in Medical Science, 2017, 32, 2081-2087.	1.0	8
21	Early prepubertal cyclophosphamide exposure in mice results in long-term loss of ovarian reserve, and impaired embryonic development and blastocyst quality. PLoS ONE, 2020, 15, e0235140.	1.1	6
22	Oocytes recovered after ovarian tissue slow freezing have impaired H2AX phosphorylation and functional competence. Reproduction, Fertility and Development, 2015, 27, 1242.	0.1	5
23	Germinal stage vitrification is superior to MII stage vitrification in prepubertal mouse oocytes. Cryobiology, 2020, 93, 49-55.	0.3	5
24	Sperm-mediated DNA lesions alter metabolite levels in spent embryo culture medium. Reproduction, Fertility and Development, 2019, 31, 443.	0.1	4
25	Impact of Temperature and Time Interval Prior to Immature Testicular-Tissue Organotypic Culture on Cellular Niche. Reproductive Sciences, 2021, 28, 2161-2173.	1.1	3
26	In situviability detection assays induce heat-shock protein 70 expression in spermatozoa without affecting the chromatin integrity. Andrologia, 2014, 47, n/a-n/a.	1.0	2
27	Sperm characteristics in normal and abnormal ejaculates are differently influenced by the length of ejaculatory abstinence. Andrology, 2022, 10, 1351-1360.	1.9	2
28	Proteinaceous sperm motility inhibitory factor from the female Indian garden lizard Calotes versicolor. Reproduction, Fertility and Development, 2018, 30, 744.	0.1	1
29	Stage-specific response in early mouse embryos exposed to prednisolone in vitro. Journal of Endocrinology, 2021, 248, 237-247.	1.2	1
30	Fertility Preservation in Men and Prepubertal Boys. , 2017, , 221-230.		0
31	Short-Term Hypothermic Holding of Mouse Immature Testicular Tissue Does Not Alter the Expression of DNA Methyltransferases and Global DNA Methylation Level, Post-Organotypic Culture. Frontiers in Endocrinology, 2022, 13, 854297.	1.5	0