

Navid Esfandiari,, Hcld

List of Publications by Year in descending order

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58
papers

1,732
citations

331670
21
h-index

289244
40
g-index

60
all docs

60
docs citations

60
times ranked

2006
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel association between sperm reactive oxygen species production, sperm morphological defects, and the sperm deformity index. Fertility and Sterility, 2004, 81, 349-354.	1.0	231
2	The contribution of mitochondrial function to reproductive aging. Journal of Assisted Reproduction and Genetics, 2011, 28, 773-783.	2.5	160
3	Robotic ICSI (Intracytoplasmic Sperm Injection). IEEE Transactions on Biomedical Engineering, 2011, 58, 2102-2108.	4.2	141
4	Utility of the Nitroblue Tetrazolium Reduction Test for Assessment of Reactive Oxygen Species Production by Seminal Leukocytes and Spermatozoa. Journal of Andrology, 2003, 24, 862-870.	2.0	122
5	The use of mitochondrial nutrients to improve the outcome of infertility treatment in older patients. Fertility and Sterility, 2010, 93, 272-275.	1.0	97
6	Effect of a statin on an in vitro model of endometriosis. Fertility and Sterility, 2007, 87, 257-262.	1.0	67
7	Controlled Aspiration and Positioning of Biological Cells in a Micropipette. IEEE Transactions on Biomedical Engineering, 2012, 59, 1032-1040.	4.2	65
8	Effect of frozen/thawed embryo transfer on birthweight,Âmacrosomia, and low birthweight rates inÂUSAsingleton infants. American Journal of Obstetrics and Gynecology, 2018, 218, 433.e1-433.e10.	1.3	61
9	Brown oocytes: Implications for assisted reproductive technology. Fertility and Sterility, 2006, 86, 1522-1525.	1.0	50
10	Successful pregnancy following transfer of embryos from oocytes with abnormal zona pellucida and cytoplasm morphology. Reproductive BioMedicine Online, 2005, 11, 620-623.	2.4	43
11	Automated Sperm Immobilization for Intracytoplasmic Sperm Injection. IEEE Transactions on Biomedical Engineering, 2011, 58, 935-942.	4.2	40
12	The Effects of LowÂ€Level Laser Light Exposure on Sperm Motion Characteristics and DNA Damage. Journal of Andrology, 2012, 33, 469-473.	2.0	39
13	Advanced paternal age: effects on sperm parameters, assisted reproduction outcomes and offspring health. Reproductive Biology and Endocrinology, 2020, 18, 110.	3.3	38
14	Protein Supplementation and the Incidence of Apoptosis and Oxidative Stress in Mouse Embryos. Obstetrics and Gynecology, 2005, 105, 653-660.	2.4	35
15	Co-Enzyme Q10 Supplementation Rescues Cumulus Cells Dysfunction in a Maternal Aging Model. Antioxidants, 2019, 8, 58.	5.1	34
16	Seminal hyperviscosity is associated with poor outcome of in vitro fertilization and embryo transfer: a prospective study. Fertility and Sterility, 2008, 90, 1739-1743.	1.0	30
17	Human embryo mosaicism: did we drop the ball on chromosomal testing?. Journal of Assisted Reproduction and Genetics, 2016, 33, 1439-1444.	2.5	30
18	A novel compound heterozygous mutation of the luteinizing hormone receptor â€“implications for fertility. Journal of Assisted Reproduction and Genetics, 2014, 31, 787-794.	2.5	28

#	ARTICLE	IF	CITATIONS
19	Egg freezing for fertility preservation and family planning: a nationwide survey of US Obstetrics and Gynecology residents. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 16.	3.3	27
20	Ultrastructure of cytoplasmic fragments in human cleavage stage embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1677-1684.	2.5	24
21	An ongoing pregnancy from two waves of follicles developing during a long follicular phase of the same cycle. <i>Fertility and Sterility</i> , 2010, 94, 350.e8-350.e11.	1.0	23
22	Letrozole co-treatment in infertile women 40 years old and older receiving controlled ovarian stimulation and intrauterine insemination. <i>Fertility and Sterility</i> , 2009, 91, 2501-2507.	1.0	22
23	Heat-shock proteins modulate the incidence of apoptosis and oxidative stress in preimplantation mouse embryos. <i>Fertility and Sterility</i> , 2007, 87, 1214-1217.	1.0	21
24	Expression of Glycodelin and Cyclooxygenase-2 in Human Endometrial Tissue Following Three-dimensional Culture. <i>American Journal of Reproductive Immunology</i> , 2007, 57, 49-54.	1.2	21
25	Non-synchronized endometrium and its correction in non-ovulatory cryopreserved embryo transfer cycles. <i>Reproductive BioMedicine Online</i> , 2015, 30, 378-384.	2.4	21
26	Effect of Long-Term Combined Oral Contraceptive Pill Use on Endometrial Thickness. <i>Obstetrics and Gynecology</i> , 2012, 120, 348-354.	2.4	19
27	Follicular Phase Dynamics with Combined Aromatase Inhibitor and Follicle Stimulating Hormone Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 825-833.	3.6	18
28	Heterophile antibody blocking agent to confirm false positive serum human chorionic gonadotropin assay. <i>Obstetrics and Gynecology</i> , 2003, 101, 1144-1146.	2.4	16
29	CD56 ^{bright} CD16 ^{low} natural killer cells accumulate in the ovarian follicular fluid of patients undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2010, 94, 1918-1921.	1.0	15
30	Total antioxidant capacity and reactive oxygen species in amniotic fluid. <i>Obstetrics and Gynecology</i> , 2003, 101, 756-761.	2.4	14
31	REVIEW ARTICLE: Three-dimensional Culture of Endometrial Cells: An <i>In Vitro</i> Model of Endometriosis. <i>American Journal of Reproductive Immunology</i> , 2008, 60, 283-289.	1.2	13
32	Live birth of healthy triplets after in vitro fertilization and embryo transfer in an acromegalic woman with elevated growth hormone. <i>Fertility and Sterility</i> , 2005, 83, 1041.e1-1041.e3.	1.0	12
33	Effects of peritoneal fluid on preimplantation mouse embryo development and apoptosis in vitro. <i>Reproductive BioMedicine Online</i> , 2005, 11, 615-619.	2.4	12
34	Birthweight in infants conceived through in vitro fertilization following blastocyst or cleavage-stage embryo transfer: a national registry study. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1027-1037.	2.5	10
35	Ongoing twin pregnancy after rescue intracytoplasmic sperm injection of unfertilized abnormal oocytes. <i>Fertility and Sterility</i> , 2008, 90, 199.e5-199.e7.	1.0	9
36	The effect of age on in vitro fertilization outcome: is too young possible?. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 101-106.	2.5	9

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37	Addition of low dose hCG to rFSH benefits older women during ovarian stimulation for IVF. Reproductive Biology and Endocrinology, 2012, 10, 55.	3.3	9
38	Does sperm DNA fragmentation have negative impact on embryo morphology and morphokinetics in IVF programme?. Andrologia, 2020, 52, e13798.	2.1	9
39	Mouse embryo assay for human in vitro fertilization quality control: a fresh look. Journal of Assisted Reproduction and Genetics, 2020, 37, 1123-1127.	2.5	9
40	A pilot study to evaluate a device for the intravaginal culture of embryos. Reproductive BioMedicine Online, 2015, 31, 732-738.	2.4	8
41	Access to Fertility Care in Geographically Underserved Populations, a Second Look. Reproductive Sciences, 2022, 29, 1983-1987.	2.5	7
42	Monozygotic twins in infertile patients with advanced maternal age: case reports and review of the literature. Fertility and Sterility, 2009, 92, 1168.e9-1168.e12.	1.0	6
43	Ongoing Pregnancies following Cosmetic Micromanipulation of Preimplantation Embryos in Patients with Implantation Failure. Case Reports in Medicine, 2015, 2015, 1-4.	0.7	6
44	Autologous transplantation of cryopreserved ovary induces the generation of antiovary antibodies in sheep. Fertility and Sterility, 2003, 80, 1062-1064.	1.0	5
45	Automated cell manipulation: Robotic ICSI. , 2011, , .		5
46	High prevalence of allergy in patients undergoing in vitro fertilization and embryo transfer. Journal of Assisted Reproduction and Genetics, 2020, 37, 311-320.	2.5	5
47	Successful pregnancy following double-frozen embryo transfer in a patient with repeated implantation failure. Fertility and Sterility, 2008, 90, 1199.e13-1199.e15.	1.0	4
48	Successful pregnancy following a novel endometrial preparation in a PCOS patient undergoing IVF: a case report. Journal of Assisted Reproduction and Genetics, 2012, 29, 335-336.	2.5	3
49	Can cycle day 7 FSH concentration during controlled ovarian stimulation be used to guide FSH dosing for in vitro fertilization?. Reproductive Biology and Endocrinology, 2013, 11, 12.	3.3	3
50	Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospective study of infertile couples. Fertility and Sterility, 2014, 101, 1599-1603.	1.0	3
51	Use of letrozole challenge test to adjust gonadotropin dose in nonâ€“down-regulated cycles. Fertility and Sterility, 2011, 95, 2492-2493.	1.0	2
52	Preimplantation genetic testing as a component of root cause analysis of errors and reassignment of embryos in IVF. Reproductive BioMedicine Online, 2020, 41, 975-977.	2.4	2
53	Don't judge a book by its cover; a quintuplet pregnancy following transfer of five poor-quality embryos. Fertility and Sterility, 2008, 90, 2007.e13-2007.e15.	1.0	1
54	Letrozole Co-Treatment in Infertile Women 40 Years Old and Older Receiving Controlled Ovarian Stimulation and Intrauterine Insemination. Obstetrical and Gynecological Survey, 2009, 64, 671-672.	0.4	1

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55	Controlled positioning of biological cells inside a micropipette. , 2012, , .		1
56	Early Serum hCG in IVF: Are We Trending in the Right Direction?. Reproductive Sciences, 2021, 28, 1827-1838.	2.5	1
57	Use of Letrozole Challenge Test to Adjust Gonadotropin Dose in Non-Downregulated Cycles. Obstetrical and Gynecological Survey, 2011, 66, 695-696.	0.4	0
58	The embryo in reproductive failure: immunological view. , 2022, , 241-258.		0