

Navid Esfandiari,, Hcld

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,732
citations

331259

21
h-index

288905

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. <i>Fertility and Sterility</i> , 2004, 81, 349-354.	0.5	231
2	The contribution of mitochondrial function to reproductive aging. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 773-783.	1.2	160
3	Robotic ICSI (Intracytoplasmic Sperm Injection). <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2102-2108.	2.5	141
4	Utility of the Nitroblue Tetrazolium Reduction Test for Assessment of Reactive Oxygen Species Production by Seminal Leukocytes and Spermatozoa. <i>Journal of Andrology</i> , 2003, 24, 862-870.	2.0	122
5	The use of mitochondrial nutrients to improve the outcome of infertility treatment in older patients. <i>Fertility and Sterility</i> , 2010, 93, 272-275.	0.5	97
6	Effect of a statin on an in vitro model of endometriosis. <i>Fertility and Sterility</i> , 2007, 87, 257-262.	0.5	67
7	Controlled Aspiration and Positioning of Biological Cells in a Micropipette. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 1032-1040.	2.5	65
8	Effect of frozen/thawed embryo transfer on birthweight, macromelia, and low birthweight rates in singleton infants. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 433.e1-433.e10.	0.7	61
9	Brown oocytes: Implications for assisted reproductive technology. <i>Fertility and Sterility</i> , 2006, 86, 1522-1525.	0.5	50
10	Successful pregnancy following transfer of embryos from oocytes with abnormal zona pellucida and cytoplasm morphology. <i>Reproductive BioMedicine Online</i> , 2005, 11, 620-623.	1.1	43
11	Automated Sperm Immobilization for Intracytoplasmic Sperm Injection. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 935-942.	2.5	40
12	The Effects of Low-Level Laser Light Exposure on Sperm Motion Characteristics and DNA Damage. <i>Journal of Andrology</i> , 2012, 33, 469-473.	2.0	39
13	Advanced paternal age: effects on sperm parameters, assisted reproduction outcomes and offspring health. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 110.	1.4	38
14	Protein Supplementation and the Incidence of Apoptosis and Oxidative Stress in Mouse Embryos. <i>Obstetrics and Gynecology</i> , 2005, 105, 653-660.	1.2	35
15	Co-Enzyme Q10 Supplementation Rescues Cumulus Cells Dysfunction in a Maternal Aging Model. <i>Antioxidants</i> , 2019, 8, 58.	2.2	34
16	Seminal hyperviscosity is associated with poor outcome of in vitro fertilization and embryo transfer: a prospective study. <i>Fertility and Sterility</i> , 2008, 90, 1739-1743.	0.5	30
17	Human embryo mosaicism: did we drop the ball on chromosomal testing?. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1439-1444.	1.2	30
18	A novel compound heterozygous mutation of the luteinizing hormone receptor – implications for fertility. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 787-794.	1.2	28

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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.	1.4	27
20	Ultrastructure of cytoplasmic fragments in human cleavage stage embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1677-1684.	1.2	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.	0.5	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.	0.5	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.	0.5	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.	1.1	21
26	Effect of Long-Term Combined Oral Contraceptive Pill Use on Endometrial Thickness. <i>Obstetrics and Gynecology</i> , 2012, 120, 348-354.	1.2	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.	1.8	18
28	Heterophile antibody blocking agent to confirm false positive serum human chorionic gonadotropin assay. <i>Obstetrics and Gynecology</i> , 2003, 101, 1144-1146.	1.2	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.	0.5	15
30	Total antioxidant capacity and reactive oxygen species in amniotic fluid. <i>Obstetrics and Gynecology</i> , 2003, 101, 756-761.	1.2	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.	0.5	12
33	Effects of peritoneal fluid on preimplantation mouse embryo development and apoptosis in vitro. <i>Reproductive BioMedicine Online</i> , 2005, 11, 615-619.	1.1	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.	1.2	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.	0.5	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.	1.2	9

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37	Addition of low dose hCG to rFSH benefits older women during ovarian stimulation for IVF. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 55.	1.4	9
38	Does sperm DNA fragmentation have negative impact on embryo morphology and morphokinetics in IVF programme?. <i>Andrologia</i> , 2020, 52, e13798.	1.0	9
39	Mouse embryo assay for human in vitro fertilization quality control: a fresh look. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1123-1127.	1.2	9
40	A pilot study to evaluate a device for the intravaginal culture of embryos. <i>Reproductive BioMedicine Online</i> , 2015, 31, 732-738.	1.1	8
41	Access to Fertility Care in Geographically Underserved Populations, a Second Look. <i>Reproductive Sciences</i> , 2022, 29, 1983-1987.	1.1	7
42	Monozygotic twins in infertile patients with advanced maternal age: case reports and review of the literature. <i>Fertility and Sterility</i> , 2009, 92, 1168.e9-1168.e12.	0.5	6
43	Ongoing Pregnancies following Cosmetic Micromanipulation of Preimplantation Embryos in Patients with Implantation Failure. <i>Case Reports in Medicine</i> , 2015, 2015, 1-4.	0.3	6
44	Autologous transplantation of cryopreserved ovary induces the generation of anti-ovary antibodies in sheep. <i>Fertility and Sterility</i> , 2003, 80, 1062-1064.	0.5	5
45	Automated cell manipulation: Robotic ICSI. , 2011, , .		5
46	High prevalence of allergy in patients undergoing in vitro fertilization and embryo transfer. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 311-320.	1.2	5
47	Successful pregnancy following double-frozen embryo transfer in a patient with repeated implantation failure. <i>Fertility and Sterility</i> , 2008, 90, 1199.e13-1199.e15.	0.5	4
48	Successful pregnancy following a novel endometrial preparation in a PCOS patient undergoing IVF: a case report. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 335-336.	1.2	3
49	Can cycle day 7 FSH concentration during controlled ovarian stimulation be used to guide FSH dosing for in vitro fertilization?. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 12.	1.4	3
50	Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospective study of infertile couples. <i>Fertility and Sterility</i> , 2014, 101, 1599-1603.	0.5	3
51	Use of letrozole challenge test to adjust gonadotropin dose in non-“down-regulated cycles. <i>Fertility and Sterility</i> , 2011, 95, 2492-2493.	0.5	2
52	Preimplantation genetic testing as a component of root cause analysis of errors and reassignment of embryos in IVF. <i>Reproductive BioMedicine Online</i> , 2020, 41, 975-977.	1.1	2
53	Don't judge a book by its cover; a quintuplet pregnancy following transfer of five poor-quality embryos. <i>Fertility and Sterility</i> , 2008, 90, 2007.e13-2007.e15.	0.5	1
54	Letrozole Co-Treatment in Infertile Women 40 Years Old and Older Receiving Controlled Ovarian Stimulation and Intrauterine Insemination. <i>Obstetrical and Gynecological Survey</i> , 2009, 64, 671-672.	0.2	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.	1.1	1
57	Use of Letrozole Challenge Test to Adjust Gonadotropin Dose in Non-Downregulated Cycles. Obstetrical and Gynecological Survey, 2011, 66, 695-696.	0.2	0
58	The embryo in reproductive failure: immunological view. , 2022, , 241-258.		0