Nathan R Treff

List of Publications by Year
in descending order

32	3,350	304743	434195
papers	citations	22 h-index	31 g-index

34	34	34	2201
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Should preimplantation genetic testing for polygenic disease be offered to all â€“ or none?. Fertility and Sterility, 2022, 117, 1162-1167.	1.0	5
2	Preimplantation genetic testing for aneuploidy: A review of published blastocyst reanalysis concordance data. Prenatal Diagnosis, 2021, 41, 545-553.	2.3	43
3	The â€œmosaicâ€•embryo: misconceptions and misinterpretations in preimplantation genetic testing for aneuploidy. Fertility and Sterility, 2021, 116, 1205-1211.	1.0	40
4	Embryo Screening for Polygenic Disease Risk: Recent Advances and Ethical Considerations. Genes, 2021, 12, 1105.	2.4	13
5	A novel test for annexin A5 M2 haplotyping in inÂvitro fertilization patients and preimplantation embryos. F&S Science, 2021, 2, 278-286.	0.9	0
6	Allele-Specific Chromosome Removal after Cas9 Cleavage in Human Embryos. Cell, 2020, 183, 1650-1664.e15.	28.9	198
7	Preimplantation Genetic Testing for Polygenic Disease Relative Risk Reduction: Evaluation of Genomic Index Performance in 11,883 Adult Sibling Pairs. Genes, 2020, 11, 648.	2.4	33
8	Polygenic risk scoring in the human embryo: reproductive genetics, final frontier?. F&S Science, 2020, 1, 14-15.	0.9	1
9	Validation of concurrent preimplantation genetic testing for polygenic and monogenic disorders, structural rearrangements, and whole and segmental chromosome aneuploidy with a single universal platform. European Journal of Medical Genetics, 2019, 62, 103647.	1.3	63
10	Utility and First Clinical Application of Screening Embryos for Polygenic Disease Risk Reduction. Frontiers in Endocrinology, 2019, 10, 845.	3.5	48
11	Validation of a targeted next generation sequencing-based comprehensive chromosome screening platform for detection of triploidy in human blastocysts. Reproductive BioMedicine Online, 2018, 36, 388-395.	2.4	22
12	Detecting mosaicism in trophectoderm biopsies: current challenges and future possibilities. Human Reproduction, 2017, 32, 492-498.	0.9	82
13	Advances in Preimplantation Genetic Testing for Monogenic Disease and Aneuploidy. Annual Review of Genomics and Human Genetics, 2017, 18, 189-200.	6.2	44
14	Preimplantation embryonic mosaicism: origin, consequences and the reliability of comprehensive chromosome screening. Current Opinion in Obstetrics and Gynecology, 2017, 29, 168-174.	2.0	21
15	Evaluation of comprehensive chromosome screening platforms for the detection of mosaic segmental aneuploidy. Journal of Assisted Reproduction and Genetics, 2017, 34, 975-981.	2.5	38
16	High relative deoxyribonucleic acidÂcontent of trophectoderm biopsyÂadversely affects pregnancy outcomes. Fertility and Sterility, 2017, 107, 731-736.e1.	1.0	40
17	Detection of segmental aneuploidy and mosaicism in the human preimplantation embryo: technical considerations and limitations. Fertility and Sterility, 2017, 107, 27-31.	1.0	65
18	Human embryos commonly form abnormal nuclei during development: a mechanism of DNA damage, embryonic aneuploidy, and developmental arrest. Human Reproduction, 2016, 31, dev281.	0.9	57

#	Article	IF	Citations
19	CYP1A1 3801T>C polymorphism implicated in altered xenobiotic metabolism is not associated withÂvariations in sperm production and function as measured by total motile sperm and fertilization rates with intracytoplasmic sperm injection. Fertility and Sterility, 2016, 106, 481-486.	1.0	2
20	Genotypically determined ancestry across an infertile population: ovarian reserve and response parameters are not influenced byÂcontinental origin. Fertility and Sterility, 2016, 106, 475-480.	1.0	9
21	SNP array-based analyses of unbalanced embryos as a reference to distinguish between balanced translocation carrier and normal blastocysts. Journal of Assisted Reproduction and Genetics, 2016, 33, 1115-1119.	2.5	45
22	Deficiency of the alkaline ceramidase ACER3 manifests in early childhood by progressive leukodystrophy. Journal of Medical Genetics, 2016, 53, 389-396.	3.2	49
23	Development and validation of concurrent preimplantation genetic diagnosis for single gene disorders and comprehensive chromosomal aneuploidy screening without whole genome amplification. Fertility and Sterility, 2016, 105, 286-294.	1.0	37
24	Expression and characterization of three Aurora kinase C splice variants found in human oocytes. Molecular Human Reproduction, 2015, 21, 633-644.	2.8	20
25	Comparison of array comparative genomic hybridization and quantitative real-time PCR-based aneuploidy screening of blastocyst biopsies. European Journal of Human Genetics, 2015, 23, 901-906.	2.8	104
26	Uniparental disomy in the human blastocyst is exceedingly rare. Fertility and Sterility, 2014, 101, 232-236.	1.0	47
27	The nature of aneuploidy with increasing age of the female partner: a review of 15,169 consecutive trophectoderm biopsies evaluated with comprehensive chromosomal screening. Fertility and Sterility, 2014, 101, 656-663.e1.	1.0	710
28	Blastocyst biopsy with comprehensive chromosome screening and fresh embryo transfer significantly increases inÂvitro fertilization implantation and delivery rates: a randomized controlled trial. Fertility and Sterility, 2013, 100, 697-703.	1.0	517
29	InÂvitro fertilization with single euploid blastocyst transfer: a randomized controlled trial. Fertility and Sterility, 2013, 100, 100-107.e1.	1.0	445
30	Genome-Wide Analysis of Human Preimplantation Aneuploidy. Seminars in Reproductive Medicine, 2012, 30, 283-288.	1.1	18
31	Comprehensive chromosome screening is highly predictive of the reproductive potential of human embryos: a prospective, blinded, nonselection study. Fertility and Sterility, 2012, 97, 870-875.	1.0	299
32	Development and validation of an accurate quantitative real-time polymerase chain reactionâ€“based assay for human blastocyst comprehensive chromosomal aneuploidy screening. Fertility and Sterility, 2012, 97, 819-824.e2.	1.0	219