

Helen G Tempest

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,576
citations

346980

22
h-index

340414

39
g-index

48
all docs

48
docs citations

48
times ranked

1971
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 and human reproduction: A pandemic that packs a serious punch. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 3-23.	1.0	32
2	Remote Learning and Its Impact on Newly Matriculated Medical Students. <i>Cureus</i> , 2021, 13, e17223.	0.2	7
3	Genome-wide mapping of genomic DNA damage: methods and implications. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6745-6762.	2.4	15
4	The Impact of SARS-CoV-2 on Sperm Cryostorage, Theoretical or Real Risk?. <i>Medicina (Lithuania)</i> , 2021, 57, 946.	0.8	8
5	A case for written examinations in undergraduate medical education: experiences with modified essay examinations. <i>Assessment and Evaluation in Higher Education</i> , 2020, 45, 926-939.	3.9	5
6	Human Sperm Chromosomes: To Form Hairpin-Loops, Or Not to Form Hairpin-Loops, That Is the Question. <i>Genes</i> , 2019, 10, 504.	1.0	3
7	Genome-Wide Adductomics Analysis Reveals Heterogeneity in the Induction and Loss of Cyclobutane Thymine Dimers across Both the Nuclear and Mitochondrial Genomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5112.	1.8	9
8	3D modeling reveals chromosomes exhibit nonrandom segmental radial organization and unique hairpin-loop configurations in sperm nuclei. <i>Fertility and Sterility</i> , 2019, 112, e248-e249.	0.5	0
9	Evaluation of the Major Steps in the Conventional Protocol for the Alkaline Comet Assay. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6072.	1.8	19
10	Does genome organization matter in spermatozoa? A refined hypothesis to awaken the silent vessel. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 518-534.	1.0	16
11	Evidence to suggest a unique 3D organization of chromosomes within the sperm nucleus: implications for fertilization and early embryonic development. <i>Reproductive BioMedicine Online</i> , 2018, 36, e15-e16.	1.1	0
12	Special Issue in Honor of Gordon H. Dixon. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 399-402.	1.0	1
13	The Educational Effects of a Summative Diagnostic Reasoning Examination Among Second-Year Medical Students. <i>Medical Science Educator</i> , 2018, 28, 667-673.	0.7	3
14	Meiotic nondisjunction and sperm aneuploidy in humans. <i>Reproduction</i> , 2018, 157, R15-R31.	1.1	30
15	Utilizing Cases in Pharmacogenetics Education of Undergraduate Medical Students. <i>FASEB Journal</i> , 2018, 32, 549.5.	0.2	0
16	A new model of sperm nuclear architecture following assessment of the organization of centromeres and telomeres in three-dimensions. <i>Scientific Reports</i> , 2017, 7, 41585.	1.6	27
17	Why are we still talking about chromosomal heteromorphisms?. <i>Reproductive BioMedicine Online</i> , 2017, 35, 1-2.	1.1	8
18	Introduction and evaluation of case-based learning in the first foundational course of an undergraduate medical curriculum. <i>Journal of Biological Education</i> , 2017, 51, 295-304.	0.8	8

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19	Design of a Platform to Discuss Ethical Considerations of Preimplantation Genetic Diagnosis: a Case for Integration of Ethics in Foundational Science Medical Curriculum. <i>Medical Science Educator</i> , 2016, 26, 213-219.	0.7	1
20	Impact of sperm DNA chromatin in the clinic. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 157-166.	1.2	46
21	Spatial Positioning of All 24 Chromosomes in the Lymphocytes of Six Subjects: Evidence of Reproducible Positioning and Spatial Repositioning following DNA Damage with Hydrogen Peroxide and Ultraviolet B. <i>PLoS ONE</i> , 2015, 10, e0118886.	1.1	10
22	Meiotic Nondisjunction: Insights into the Origin and Significance of Aneuploidy in Human Spermatozoa. <i>Advances in Experimental Medicine and Biology</i> , 2015, 868, 1-21.	0.8	14
23	Telomere organization within the sperm nucleus: an essential prerequisite for normal fertilization and embryogenesis?. <i>Fertility and Sterility</i> , 2013, 100, S101.	0.5	0
24	Interphase Cytogenetics at the Earliest Stages of Human Development. , 2013, , 123-138.		0
25	Hierarchical radial and polar organisation of chromosomes in human sperm. <i>Chromosome Research</i> , 2012, 20, 875-887.	1.0	24
26	Chromosomal disorders and male infertility. <i>Asian Journal of Andrology</i> , 2012, 14, 32-39.	0.8	144
27	Meiotic recombination errors, the origin of sperm aneuploidy and clinical recommendations. <i>Systems Biology in Reproductive Medicine</i> , 2011, 57, 93-101.	1.0	53
28	Meiotic recombination and male infertility: from basic science to clinical reality?. <i>Asian Journal of Andrology</i> , 2011, 13, 212-218.	0.8	50
29	Session 47: Life-Style Disease and Male Reproduction. <i>Human Reproduction</i> , 2010, 25, i71-i72.	0.4	1
30	Scoring of sperm chromosomal abnormalities by manual and automated approaches: qualitative and quantitative comparisons. <i>Asian Journal of Andrology</i> , 2010, 12, 257-262.	0.8	24
31	Role of Preimplantation Genetic Diagnosis (PGD) in Current Infertility Practice. <i>International Journal of Infertility and Fetal Medicine</i> , 2010, 1, 1-10.	0.0	10
32	Comparative genomics in chicken and Pekin duck using FISH mapping and microarray analysis. <i>BMC Genomics</i> , 2009, 10, 357.	1.2	81
33	Quantum dots as new-generation fluorochromes for FISH: an appraisal. <i>Chromosome Research</i> , 2009, 17, 519-530.	1.0	24
34	Intra-individual and inter-individual variations in sperm aneuploidy frequencies in normal men. <i>Fertility and Sterility</i> , 2009, 91, 185-192.	0.5	41
35	Sperm aneuploidy: when to stop counting?. <i>Fertility and Sterility</i> , 2009, 92, S141-S142.	0.5	0
36	A comparison of microarray methods to detect chromosomal aneuploidy in human preimplantation embryos. <i>Fertility and Sterility</i> , 2009, 92, S201.	0.5	1

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37	Cytogenetic risks in chromosomally normal infertile men. <i>Current Opinion in Obstetrics and Gynecology</i> , 2009, 21, 223-227.	0.9	27
38	Whole genome comparative studies between chicken and turkey and their implications for avian genome evolution. <i>BMC Genomics</i> , 2008, 9, 168.	1.2	119
39	Plants Used in Chinese Medicine for the Treatment of Male Infertility Possess Antioxidant and Anti-Oestrogenic Activity. <i>Systems Biology in Reproductive Medicine</i> , 2008, 54, 185-195.	1.0	30
40	Sperm aneuploidy frequencies analysed before and after chemotherapy in testicular cancer and Hodgkin's lymphoma patients. <i>Human Reproduction</i> , 2007, 23, 251-258.	0.4	114
41	The role of sperm aneuploidy as a predictor of the success of intracytoplasmic sperm injection?. <i>Human Reproduction</i> , 2007, 23, 240-250.	0.4	54
42	Practicable approaches to facilitate rapid and accurate molecular cytogenetic mapping in birds and mammals. <i>Cytogenetic and Genome Research</i> , 2007, 117, 36-42.	0.6	4
43	The evolution of the avian genome as revealed by comparative molecular cytogenetics. <i>Cytogenetic and Genome Research</i> , 2007, 117, 64-77.	0.6	218
44	Significant reduction of sperm disomy in six men: effect of traditional Chinese medicine?. <i>Asian Journal of Andrology</i> , 2005, 7, 419-425.	0.8	25
45	The cytogenetics of preimplantation human development: insights provided by traditional and novel techniques. <i>Chromosoma</i> , 2005, 114, 295-299.	1.0	0
46	Molecular Cytogenetic Definition of the Chicken Genome: The First Complete Avian Karyotype. <i>Genetics</i> , 2004, 166, 1367-1373.	1.2	122
47	The association between male infertility and sperm disomy: evidence for variation in disomy levels among individuals and a correlation between particular semen parameters and disomy of specific chromosome pairs. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 82.	1.4	32
48	The genetic basis of infertility. <i>Reproduction</i> , 2003, 126, 13-25.	1.1	116