

Christine Wyns

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

6,106
citations

87723

38
h-index

76769

74
g-index

81
all docs

81
docs citations

81
times ranked

5064
citing authors

#	ARTICLE	IF	CITATIONS
1	Fertility and infertility: Definition and epidemiology. <i>Clinical Biochemistry</i> , 2018, 62, 2-10.	0.8	1,074
2	ART in Europe, 2014: results generated from European registries by ESHRE. <i>Human Reproduction</i> , 2018, 33, 1586-1601.	0.4	396
3	A European perspective on testicular tissue cryopreservation for fertility preservation in prepubertal and adolescent boys. <i>Human Reproduction</i> , 2015, 30, 2463-2475.	0.4	282
4	Assisted reproductive technology in Europe, 2013: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2017, 32, 1957-1973.	0.4	259
5	Assisted reproductive technology in Europe, 2012: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2016, 31, 1638-1652.	0.4	251
6	Options for fertility preservation in prepubertal boys. <i>Human Reproduction Update</i> , 2010, 16, 312-328.	5.2	250
7	Fertility preservation and post-treatment pregnancies in post-pubertal cancer patients: ESMO Clinical Practice Guidelines. <i>Annals of Oncology</i> , 2020, 31, 1664-1678.	0.6	243
8	Long-term spermatogonial survival in cryopreserved and xenografted immature human testicular tissue. <i>Human Reproduction</i> , 2008, 23, 2402-2414.	0.4	200
9	Spermatogonial survival after cryopreservation and short-term orthotopic immature human cryptorchid testicular tissue grafting to immunodeficient mice. <i>Human Reproduction</i> , 2007, 22, 1603-1611.	0.4	175
10	Efficacy of ovarian tissue cryopreservation for fertility preservation: lessons learned from 545 cases. <i>Human Reproduction</i> , 2017, 32, 1046-1054.	0.4	164
11	ART in Europe, 2016: results generated from European registries by ESHRE. <i>Human Reproduction Open</i> , 2020, 2020, hoaa032.	2.3	157
12	Management of fertility preservation in prepubertal patients: 5 years' experience at the Catholic University of Louvain. <i>Human Reproduction</i> , 2011, 26, 737-747.	0.4	141
13	Survey on ART and IUI: legislation, regulation, funding and registries in European countries. <i>Human Reproduction Open</i> , 2020, 2020, hoz044.	2.3	140
14	ART in Europe, 2015: results generated from European registries by ESHRE. <i>Human Reproduction Open</i> , 2020, 2020, hoz038.	2.3	134
15	Fertility preservation in boys: recent developments and new insights. <i>Human Reproduction Open</i> , 2020, 2020, hoaa016.	2.3	122
16	Vitrification preserves proliferation capacity in human spermatogonia. <i>Human Reproduction</i> , 2013, 28, 578-589.	0.4	116
17	20 years of the European IVF-monitoring Consortium registry: what have we learned? A comparison with registries from two other regions. <i>Human Reproduction</i> , 2020, 35, 2832-2849.	0.4	109
18	Immunohistochemical analysis of estrogen and progesterone receptors in endometrium and peritoneal endometriosis: a new quantitative method. <i>Fertility and Sterility</i> , 1994, 62, 751-759.	0.5	96

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19	Fertility preservation in the male pediatric population: factors influencing the decision of parents and children. <i>Human Reproduction</i> , 2015, 30, 2022-2030.	0.4	93
20	Cryopreservation of prepubertal mouse testicular tissue by vitrification. <i>Fertility and Sterility</i> , 2011, 95, 1229-1234.e1.	0.5	91
21	ART in Europe, 2017: results generated from European registries by ESHRE. <i>Human Reproduction Open</i> , 2021, 2021, hoab026.	2.3	91
22	Trends over 15 years in ART in Europe: an analysis of 6 million cycles. <i>Human Reproduction Open</i> , 2017, 2017, hox012.	2.3	88
23	Haploid Germ Cells Generated in Organotypic Culture of Testicular Tissue From Prepubertal Boys. <i>Frontiers in Physiology</i> , 2018, 9, 1413.	1.3	75
24	Preserved seminiferous tubule integrity with spermatogonial survival and induction of Sertoli and Leydig cell maturation after long-term organotypic culture of prepubertal human testicular tissue. <i>Human Reproduction</i> , 2017, 32, 32-45.	0.4	74
25	Can prepubertal human testicular tissue be cryopreserved by vitrification?. <i>Fertility and Sterility</i> , 2011, 95, 2123.e9-2123.e12.	0.5	72
26	Patients from across Europe have similar views on patient-centred care: an international multilingual qualitative study in infertility care. <i>Human Reproduction</i> , 2012, 27, 1702-1711.	0.4	63
27	Update on fertility restoration from prepubertal spermatogonial stem cells: How far are we from clinical practice?. <i>Stem Cell Research</i> , 2017, 21, 171-177.	0.3	62
28	Comparison of G1.2/G2.2 and Sydney IVF cleavage/blastocyst sequential media for the culture of human embryos: a prospective, randomized, comparative study. <i>Fertility and Sterility</i> , 2001, 76, 1023-1031.	0.5	58
29	The history of Belgian assisted reproduction technology cycle registration and control: a case study in reducing the incidence of multiple pregnancy. <i>Human Reproduction</i> , 2013, 28, 2709-2719.	0.4	56
30	Generation of Organized Porcine Testicular Organoids in Solubilized Hydrogels from Decellularized Extracellular Matrix. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5476.	1.8	53
31	Vitrification of non-human primate immature testicular tissue allows maintenance of proliferating spermatogonial cells after xenografting to recipient mice. <i>Theriogenology</i> , 2012, 77, 1008-1013.	0.9	51
32	Transplantation of testicular tissue in alginate hydrogel loaded with VEGF nanoparticles improves spermatogonial recovery. <i>Journal of Controlled Release</i> , 2016, 234, 79-89.	4.8	49
33	Development of a Cytocompatible Scaffold from Pig Immature Testicular Tissue Allowing Human Sertoli Cell Attachment, Proliferation and Functionality. <i>International Journal of Molecular Sciences</i> , 2018, 19, 227.	1.8	47
34	Atypical hatching of a human blastocyst leading to monozygotic twinning: a case report. <i>Fertility and Sterility</i> , 2000, 74, 1047-1050.	0.5	46
35	How do cumulative live birth rates and cumulative multiple live birth rates over complete courses of assisted reproductive technology treatment per woman compare among registries?. <i>Human Reproduction</i> , 2016, 31, 93-99.	0.4	46
36	Tissue Engineering to Improve Immature Testicular Tissue and Cell Transplantation Outcomes: One Step Closer to Fertility Restoration for Prepubertal Boys Exposed to Gonadotoxic Treatments. <i>International Journal of Molecular Sciences</i> , 2018, 19, 286.	1.8	46

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37	The Efficacy of Medical and Surgical Treatment of Endometriosis-Associated Infertility and Pelvic Pain. <i>Gynecologic and Obstetric Investigation</i> , 2002, 54, 2-10.	0.7	44
38	Fifteen years of Belgian experience with external quality assessment of semen analysis. <i>Andrology</i> , 2016, 4, 1084-1093.	1.9	44
39	BONE MARROW TRANSPLANTATION OR HYDROXYUREA FOR SICKLE CELL ANEMIA: Long-Term Effects on Semen Variables and Hormone Profiles. <i>Pediatric Hematology and Oncology</i> , 2009, 26, 186-194.	0.3	41
40	In Search of Better Spermatogonial Preservation by Supplementation of Cryopreserved Human Immature Testicular Tissue Xenografts with N-acetylcysteine and Testosterone. <i>Frontiers in Surgery</i> , 2014, 1, 47.	0.6	40
41	Fertility preservation for prepubertal boys: lessons learned from the past and update on remaining challenges towards clinical translation. <i>Human Reproduction Update</i> , 2021, 27, 433-459.	5.2	39
42	Contribution to More Patient-Friendly ART Treatment: Efficacy of Continuous Low-Dose GnRH Agonist as the Only Luteal Support—Results of a Prospective, Randomized, Comparative Study. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-10.	0.6	37
43	In vitro formation of the blood–testis barrier during long-term organotypic culture of human prepubertal tissue: comparison with a large cohort of pre/peripubertal boys. <i>Molecular Human Reproduction</i> , 2018, 24, 271-282.	1.3	33
44	Fertility restoration with spermatogonial stem cells. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2017, 24, 424-431.	1.2	32
45	Restoring Fertility with Cryopreserved Prepubertal Testicular Tissue: Perspectives with Hydrogel Encapsulation, Nanotechnology, and Bioengineered Scaffolds. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1770-1781.	1.3	30
46	A View from the past into our collective future: the oncofertility consortium vision statement. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 3-15.	1.2	25
47	Data collection systems in ART must follow the pace of change in clinical practice. <i>Human Reproduction</i> , 2016, 31, 2160-2163.	0.4	24
48	Blood Testis Barrier and Somatic Cells Impairment in a Series of 35 Adult Klinefelter Syndrome Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5717.	1.8	22
49	Accelerated and Improved Vascular Maturity after Transplantation of Testicular Tissue in Hydrogels Supplemented with VEGF- and PDGF-Loaded Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5779.	1.8	17
50	Long-term follow-up of boys who have undergone a testicular biopsy for fertility preservation. <i>Human Reproduction</i> , 2020, 36, 26-39.	0.4	16
51	Cryostorage of testicular tissue and retransplantation of spermatogonial stem cells in the infertile male. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2019, 33, 103-115.	2.2	15
52	Role of stem cells in fertility preservation: current insights. <i>Stem Cells and Cloning: Advances and Applications</i> , 2019, Volume 12, 27-48.	2.3	14
53	Impact of luteal phase support with vaginal progesterone on the clinical pregnancy rate in intrauterine insemination cycles stimulated with gonadotropins: a randomized multicenter study. <i>Fertility and Sterility</i> , 2016, 106, 1490-1495.	0.5	13
54	Significant Benefits of Nanoparticles Containing a Necrosis Inhibitor on Mice Testicular Tissue Autografts Outcomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5833.	1.8	13

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55	Fertility preservation: current prospects and future challenges. <i>Gynecological Endocrinology</i> , 2013, 29, 403-407.	0.7	12
56	Organoids as tools to investigate the molecular mechanisms of male infertility and its treatments. <i>Reproduction</i> , 2021, 161, R103-R112.	1.1	12
57	Male fertility preservation in DSD, XXY, pre-gonadotoxic treatments – Update, methods, ethical issues, current outcomes, future directions. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2019, 33, 101261.	2.2	11
58	The air-liquid interface culture of the mechanically isolated seminiferous tubules embedded in agarose or alginate improves in vitro spermatogenesis at the expense of attenuating their integrity. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 261-270.	0.7	11
59	Fertility sparing strategies for pre- and peripubertal male cancer patients. <i>Ecancermedicalsecience</i> , 2020, 14, 1016.	0.6	11
60	Induced Pluripotent Stem Cell Potential in Medicine, Specifically Focused on Reproductive Medicine. <i>Frontiers in Surgery</i> , 2014, 1, 5.	0.6	9
61	Experience With Medical Treatment of Cesarean Scar Ectopic Pregnancy (CSEP) With Local Ultrasound-Guided Injection of Methotrexate. <i>Frontiers in Medicine</i> , 2020, 7, 564764.	1.2	8
62	Diagnosis and Treatment of Vulvo-Perineal Endometriosis: A Systematic Review. <i>Frontiers in Surgery</i> , 2021, 8, 637180.	0.6	8
63	Evolution of cumulative live birth and dropout rates over six complete IVF/ICSI cycles: a large prospective cohort study. <i>Reproductive BioMedicine Online</i> , 2021, 42, 717-724.	1.1	7
64	Impact of ARTs on oncological outcomes in young breast cancer survivors. <i>Human Reproduction</i> , 2021, 36, 381-389.	0.4	7
65	Fertility preservation for prepubertal boys: are we ready for autologous grafting of cryopreserved immature testicular tissue?. <i>Annales D'Endocrinologie</i> , 2022, 83, 210-217.	0.6	7
66	Modeling Klinefelter Syndrome Using Induced Pluripotent Stem Cells Reveals Impaired Germ Cell Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 567454.	1.8	5
67	Microfluidic and Static Organotypic Culture Systems to Support Ex Vivo Spermatogenesis From Prepubertal Porcine Testicular Tissue: A Comparative Study. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	5
68	SELECTED ORAL COMMUNICATION SESSION, SESSION 39: PARAMEDICAL - NURSING, Tuesday 5 July 2011 11:45 - 12:45. <i>Human Reproduction</i> , 2011, 26, i57-i58.	0.4	4
69	Session 58: Fertility Preservation 2. <i>Human Reproduction</i> , 2010, 25, i90-i93.	0.4	2
70	Anti-adhesion Gel versus No gel following Operative Hysteroscopy prior to Subsequent fertility Treatment or timed InterCourse (AGNOHSTIC), a randomised controlled trial: protocol. <i>Human Reproduction Open</i> , 2021, 2021, hoab001.	2.3	2
71	A randomized prospective cross-over study of highly purified follicle-stimulating hormone and human menopausal gonadotrophin for ovarian hyperstimulation in women aged 37-41 years. <i>Journal of Assisted Reproduction and Genetics</i> , 2000, 17, 107-112.	1.2	1
72	Reply: Fertility restoration in azoospermic cancer survivors from testicular VSELs that survive oncotherapy upon transplanting MSCs. <i>Human Reproduction Update</i> , 2021, 27, 621-622.	5.2	1

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73	Cryopreservation and transplantation of testicular tissue. , 2011, , 209-224.		0
74	SELECTED ORAL COMMUNICATION SESSION, SESSION 22: FERTILITY PRESERVATION - BASIC, Monday 4 July 2011 15:15 - 16:30. Human Reproduction, 2011, 26, i34-i36.	0.4	0
75	Biomarkers in reproductive health. Clinical Biochemistry, 2018, 62, 1.	0.8	0
76	232P Safety of fertility treatments in breast cancer survivors. Annals of Oncology, 2020, 31, S333.	0.6	0
77	SESSION 61: CLINICAL AND BASIC ANDROLOGY 1. Human Reproduction, 2012, 27, ii90-ii92.	0.4	0