

Ellen Goossens

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89 papers	2,737 citations	30 h-index	50 g-index
96 ext. papers	3,237 ext. citations	4.6 avg, IF	5.2 L-index

#	Paper	IF	Citations
89	Testicular Tissue Transplantation 2022 , 529-554		
88	Testicular Tissue Banking for Fertility Preservation in Young Boys: Which Patients Should Be Included?. <i>Frontiers in Endocrinology</i> , 2022 , 13, 854186	5.7	1
87	Characterisation of testicular function and spermatogenesis in transgender women. <i>Human Reproduction</i> , 2021 , 36, 5-15	5.7	4
86	Human and animal fertility studies in cystinosis reveal signs of obstructive azoospermia, an altered blood-testis barrier and a subtherapeutic effect of cysteamine in testis. <i>Journal of Inherited Metabolic Disease</i> , 2021 , 44, 1393-1408	5.4	1
85	Long-Term Maintenance and Meiotic Entry of Early Germ Cells in Murine Testicular Organoids Functionalized by 3D Printed Scaffolds and Air-Medium Interface Cultivation.. <i>Frontiers in Physiology</i> , 2021 , 12, 757565	4.6	0
84	Fertility preservation in boys: recent developments and new insights. <i>Human Reproduction Open</i> , 2020 , 2020, hoaa016	6.1	47
83	Review of injection techniques for spermatogonial stem cell transplantation. <i>Human Reproduction Update</i> , 2020 , 26, 368-391	15.8	14
82	Testicular immune cells and vasculature in Klinefelter syndrome from childhood up to adulthood. <i>Human Reproduction</i> , 2020 , 35, 1753-1764	5.7	4
81	Exogenous Gonadotrophin Stimulation Induces Partial Maturation of Human Sertoli Cells in a Testicular Xenotransplantation Model for Fertility Preservation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
80	Characterization of the stem cell niche components within the seminiferous tubules in testicular biopsies of Klinefelter patients. <i>Fertility and Sterility</i> , 2020 , 113, 1183-1195.e3	4.8	3
79	Testicular tissue cryopreservation is the preferred method to preserve spermatogonial stem cells prior to transplantation. <i>Reproductive BioMedicine Online</i> , 2020 , 40, 261-269	4	13
78	In-vitro spermatogenesis through testis modelling: Toward the generation of testicular organoids. <i>Andrology</i> , 2020 , 8, 879-891	4.2	15
77	Fertility Preservation in Childhood Cancer: Endocrine Activity in Prepubertal Human Testis Xenografts Exposed to a Pubertal Hormone Environment. <i>Cancers</i> , 2020 , 12,	6.6	3
76	Gelatin Electrospun Mat as a Potential Co-culture System for Production of Sperm Cells from Embryonic Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 5823-5832	5.5	2
75	Does co-transplantation of mesenchymal and spermatogonial stem cells improve reproductive efficiency and safety in mice?. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 310	8.3	12
74	Effect of recombinant human vascular endothelial growth factor on testis tissue xenotransplants from prepubertal boys: a three-case study. <i>Reproductive BioMedicine Online</i> , 2019 , 39, 119-133	4	13
73	Mouse in vitro spermatogenesis on alginate-based 3D bioprinted scaffolds. <i>Biofabrication</i> , 2019 , 11, 035001	0.15	23

72	Oncofertility: Pharmacological Protection and Immature Testicular Tissue (ITT)-Based Strategies for Prepubertal and Adolescent Male Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
71	Scaffold-Based and Scaffold-Free Testicular Organoids from Primary Human Testicular Cells. <i>Methods in Molecular Biology</i> , 2019 , 1576, 283-290	1.4	13
70	Setting Up a Cryopreservation Programme for Immature Testicular Tissue: Lessons Learned After More Than 15 Years of Experience. <i>Clinical Medicine Insights Reproductive Health</i> , 2019 , 13, 1179558119888342	6.5	17
69	First Successful Conception Induced by a Male Cystinosis Patient. <i>JIMD Reports</i> , 2018 , 38, 1-6	1.9	10
68	Preparation of Scaffolds from Decellularized Testicular Matrix. <i>Methods in Molecular Biology</i> , 2018 , 1577, 121-127	1.4	11
67	When does germ cell loss and fibrosis occur in patients with Klinefelter syndrome?. <i>Human Reproduction</i> , 2018 , 33, 1009-1022	5.7	40
66	Cryopreservation of Human Testicular Tissue by Isopropyl-Controlled Slow Freezing. <i>Methods in Molecular Biology</i> , 2018 , 1748, 287-294	1.4	8
65	Balancing animal welfare and assisted reproduction: ethics of preclinical animal research for testing new reproductive technologies. <i>Medicine, Health Care and Philosophy</i> , 2018 , 21, 537-545	2	5
64	Human in vitro spermatogenesis from pluripotent stem cells: in need of a stepwise differentiation protocol?. <i>Molecular Human Reproduction</i> , 2018 , 24, 47-54	4.4	11
63	What is the best protocol to cryopreserve immature mouse testicular cell suspensions?. <i>Reproductive BioMedicine Online</i> , 2018 , 37, 6-17	4	9
62	Of mice and human embryos: is there an ethically preferred order of preclinical research on new assisted reproductive technologies?. <i>Human Reproduction</i> , 2018 , 33, 1581-1585	5.7	2
61	Basic and Clinical Approaches for Fertility Preservation and Restoration in Cancer Patients. <i>Trends in Biotechnology</i> , 2018 , 36, 199-215	15.1	30
60	Co-transplantation of mesenchymal stem cells improves spermatogonial stem cell transplantation efficiency in mice. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 317	8.3	25
59	In search of an improved injection technique for the clinical application of spermatogonial stem cell transplantation. <i>Reproductive BioMedicine Online</i> , 2017 , 34, 291-297	4	11
58	Primary Human Testicular Cells Self-Organize into Organoids with Testicular Properties. <i>Stem Cell Reports</i> , 2017 , 8, 30-38	8	78
57	A no-stop mutation in MAGEB4 is a possible cause of rare X-linked azoospermia and oligozoospermia in a consanguineous Turkish family. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 683-694	3.4	27
56	Short-term storage of human testicular tissue: effect of storage temperature and tissue size. <i>Reproductive BioMedicine Online</i> , 2017 , 35, 180-188	4	9
55	Can mesenchymal stem cells improve spermatogonial stem cell transplantation efficiency?. <i>Andrology</i> , 2017 , 5, 2-9	4.2	13

54	Cryopreservation of testicular tissue or testicular cell suspensions: a pivotal step in fertility preservation. <i>Human Reproduction Update</i> , 2016 , 22, 744-761	15.8	109
53	Testicular Tissue Cryopreservation 2016 , 141-148		
52	Short-term hypothermic preservation of human testicular tissue: the effect of storage medium and storage period. <i>Fertility and Sterility</i> , 2016 , 105, 1162-1169.e5	4.8	7
51	The Effect of a Unilateral Orchiectomy before Gonadotoxic Treatment on the Contralateral Testis in Adult and Prepubertal Rats. <i>PLoS ONE</i> , 2016 , 11, e0164922	3.7	2
50	Human spermatogonial stem cells display limited proliferation in vitro under mouse spermatogonial stem cell culture conditions. <i>Fertility and Sterility</i> , 2016 , 106, 1539-1549.e8	4.8	42
49	Exome sequencing reveals a nonsense mutation in TEX15 causing spermatogenic failure in a Turkish family. <i>Human Molecular Genetics</i> , 2015 , 24, 5581-8	5.6	79
48	Is the protein expression window during testicular development affected in patients at risk for stem cell loss?. <i>Human Reproduction</i> , 2015 , 30, 2859-70	5.7	14
47	Cryopreservation of testicular tissue before long-term testicular cell culture does not alter in vitro cell dynamics. <i>Fertility and Sterility</i> , 2015 , 104, 1244-52.e1-4	4.8	43
46	A European perspective on testicular tissue cryopreservation for fertility preservation in prepubertal and adolescent boys. <i>Human Reproduction</i> , 2015 , 30, 2463-75	5.7	222
45	Derivation and characterization of a cytocompatible scaffold from human testis. <i>Human Reproduction</i> , 2015 , 30, 256-67	5.7	62
44	Male fertility preservation, where are we in 2014?. <i>Annales D'Endocrinologie</i> , 2014 , 75, 115-7	1.7	8
43	Testicular cell transplantation into the human testes. <i>Fertility and Sterility</i> , 2013 , 100, 981-8	4.8	26
42	Does early cell death cause germ cell loss after intratesticular tissue grafting?. <i>Fertility and Sterility</i> , 2013 , 99, 1264-1272.e1	4.8	8
41	Exogenous administration of recombinant human FSH does not improve germ cell survival in human prepubertal xenografts. <i>Reproductive BioMedicine Online</i> , 2013 , 26, 286-98	4	31
40	Spermatogonial stem cell preservation and transplantation: from research to clinic. <i>Human Reproduction</i> , 2013 , 28, 897-907	5.7	110
39	Functional sperm produced after spermatogonial stem cell transplantation into rhesus. <i>Asian Journal of Andrology</i> , 2013 , 15, 216-7	2.8	2
38	What is the best cryopreservation protocol for human testicular tissue banking?. <i>Human Reproduction</i> , 2013 , 28, 1816-26	5.7	91
37	Adult stem cells in the human testis. <i>Seminars in Reproductive Medicine</i> , 2013 , 31, 39-48	1.4	6

36	Germ Line Stem Cells: A Promising Alternative Source for Stem-Cell-Based Therapies in Regenerative Medicine 2013 , 279-300		
35	Spermatogonial stem cells as a source for regenerative medicine. <i>Middle East Fertility Society Journal</i> , 2012 , 17, 1-7	1.4	5
34	In search of an efficient injection technique for future clinical application of spermatogonial stem cell transplantation: infusion of contrast dyes in isolated cadaveric human testes. <i>Fertility and Sterility</i> , 2012 , 98, 1443-8.e1	4.8	27
33	Can pubertal boys with Klinefelter syndrome benefit from spermatogonial stem cell banking?. <i>Human Reproduction</i> , 2012 , 27, 323-30	5.7	68
32	Presence of spermatogonia in 47,XXY men with no spermatozoa recovered after testicular sperm extraction. <i>Fertility and Sterility</i> , 2012 , 97, 319-23	4.8	27
31	Orthotopic grafting of cryopreserved prepubertal testicular tissue: in search of a simple yet effective cryopreservation protocol. <i>Fertility and Sterility</i> , 2012 , 97, 1152-7.e1-2	4.8	47
30	Studying nonobstructive azoospermia in cystinosis: histologic examination of testes and epididymis and sperm analysis in a Ctns ^{+/?} mouse model. <i>Fertility and Sterility</i> , 2012 , 98, 162-5	4.8	1
29	Spermatogonial stem cell preservation in boys with Klinefelter syndrome: to bank or not to bank, that's the question. <i>Fertility and Sterility</i> , 2012 , 98, 284-9	4.8	36
28	Failure of a combined clinical- and hormonal-based strategy to detect early spermatogenesis and retrieve spermatogonial stem cells in 47,XXY boys by single testicular biopsy. <i>Human Reproduction</i> , 2012 , 27, 998-1004	5.7	44
27	Cell selection by selective matrix adhesion is not sufficiently efficient for complete malignant cell depletion from contaminated human testicular cell suspensions. <i>Fertility and Sterility</i> , 2011 , 95, 787-91	4.8	25
26	Mouse germ cells go through typical epigenetic modifications after intratesticular tissue grafting. <i>Human Reproduction</i> , 2011 , 26, 3388-400	5.7	33
25	Meiotic activity in orthotopic xenografts derived from human postpubertal testicular tissue. <i>Human Reproduction</i> , 2011 , 26, 282-93	5.7	68
24	Array comparative genomic hybridization analysis does not show genetic alterations in spermatozoa and offspring generated after spermatogonial stem cell transplantation in the mouse. <i>Human Reproduction</i> , 2010 , 25, 1836-42	5.7	32
23	Mouse spermatogonial stem cells obtain morphologic and functional characteristics of hematopoietic cells in vivo. <i>Human Reproduction</i> , 2010 , 25, 3101-9	5.7	20
22	DNA methylation patterns of spermatozoa and two generations of offspring obtained after murine spermatogonial stem cell transplantation. <i>Human Reproduction</i> , 2009 , 24, 2255-63	5.7	45
21	Regeneration of spermatogenesis by grafting testicular tissue or injecting testicular cells into the testes of sterile mice: a comparative study. <i>Fertility and Sterility</i> , 2009 , 91, 2264-72	4.8	48
20	Bone marrow stem cells transplanted to the testis of sterile mice do not differentiate into spermatogonial stem cells and have no protective effect on fertility. <i>Fertility and Sterility</i> , 2009 , 91, 1549-52	4.8	10
19	Adult Stem Cell Population in the Testis. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2009 , 112-125		

18	Adult Stem Cell Population in the Testis. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2009 , 112-125		
17	Cryosurvival and spermatogenesis after allografting prepubertal mouse tissue: comparison of two cryopreservation protocols. <i>Fertility and Sterility</i> , 2008 , 89, 725-7	4.8	54
16	Computer-assisted motility analysis of spermatozoa obtained after spermatogonial stem cell transplantation in the mouse. <i>Fertility and Sterility</i> , 2008 , 90, 1411-6	4.8	21
15	Spermatogonial survival in long-term human prepubertal xenografts. <i>Fertility and Sterility</i> , 2008 , 90, 2012-22	4.8	64
14	Autologous spermatogonial stem cell transplantation in man: current obstacles for a future clinical application. <i>Human Reproduction Update</i> , 2008 , 14, 121-30	15.8	52
13	The efficiency of magnetic-activated cell sorting and fluorescence-activated cell sorting in the decontamination of testicular cell suspensions in cancer patients. <i>Human Reproduction</i> , 2007 , 22, 733-42	5.7	130
12	Is there a clinical future for spermatogonial stem cells?. <i>Current Stem Cell Research and Therapy</i> , 2007 , 2, 189-95	3.6	12
11	Reply: Isolation of germ cells from leukaemic cells. <i>Human Reproduction</i> , 2007 , 22, 2797-2798	5.7	3
10	Blastocyst development after assisted reproduction using spermatozoa obtained after testicular stem cell transplantation in mice. <i>Human Reproduction</i> , 2006 , 21, 1759-64	5.7	11
9	Evaluation of in vivo conception after testicular stem cell transplantation in a mouse model shows altered post-implantation development. <i>Human Reproduction</i> , 2006 , 21, 2057-60	5.7	21
8	Testicular stem cells. <i>Seminars in Reproductive Medicine</i> , 2006 , 24, 370-8	1.4	16
7	Spermatogonial survival after grafting human testicular tissue to immunodeficient mice. <i>Human Reproduction</i> , 2006 , 21, 390-6	5.7	122
6	Preserving the reproductive potential of men and boys with cancer: current concepts and future prospects. <i>Human Reproduction Update</i> , 2004 , 10, 525-32	15.8	137
5	Abnormal sperm in mice with targeted deletion of the act (activator of cAMP-responsive element modulator in testis) gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10620-5	11.5	66
4	Recovery, survival and functional evaluation by transplantation of frozen-thawed mouse germ cells. <i>Human Reproduction</i> , 2004 , 19, 948-53	5.7	72
3	Reproductive capacity of sperm obtained after germ cell transplantation in a mouse model. <i>Human Reproduction</i> , 2003 , 18, 1874-80	5.7	59
2	Spermatogenesis1-20		1
1	Adult stem-cell population in the human testis52-62		

