

# Sebastiaan Mastenbroek

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6008561/sebastiaan-mastenbroek-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

69  
papers

2,849  
citations

24  
h-index

53  
g-index

76  
ext. papers

3,444  
ext. citations

7.7  
avg, IF

5.09  
L-index

#	Paper	IF	Citations
69	The Imperative of Responsible Innovation in Reproductive Medicine. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 2096-2100	59.2	4
68	Effect of parental and ART treatment characteristics on perinatal outcomes. <i>Human Reproduction</i> , <b>2021</b> , 36, 1640-1665	5.7	2
67	Reply: Freeze-all vs conventional IVF: a valid and valuable RCT. <i>Human Reproduction</i> , <b>2021</b> , 36, 2419-2420;7		
66	Comparing the cumulative live birth rate of cleavage-stage versus blastocyst-stage embryo transfers between IVF cycles: a study protocol for a multicentre randomised controlled superiority trial (the ToF trial). <i>BMJ Open</i> , <b>2021</b> , 11, e042395	3	1
65	Longevity pathways are associated with human ovarian ageing. <i>Human Reproduction Open</i> , <b>2021</b> , 2021, hoab020	6.1	1
64	Transfer of fresh or frozen embryos: a randomised controlled trial. <i>Human Reproduction</i> , <b>2021</b> , 36, 998-1006	9.6	10
63	Fresh versus frozen embryo transfers in assisted reproduction. <i>The Cochrane Library</i> , <b>2021</b> , 2, CD011184	5.2	10
62	ESHRE guideline: ovarian stimulation for IVF/ICSI. <i>Human Reproduction Open</i> , <b>2020</b> , 2020, hoaa009	6.1	66
61	Between innovation and precaution: how did offspring safety considerations play a role in strategies of introducing new reproductive techniques?. <i>Human Reproduction Open</i> , <b>2020</b> , 2020, hoaa003	6.1	4
60	High-quality human preimplantation embryos stimulate endometrial stromal cell migration via secretion of microRNA hsa-miR-320a. <i>Human Reproduction</i> , <b>2020</b> , 35, 1797-1807	5.7	10
59	Cytogenetic testing of pregnancy loss tissue: a meta-analysis. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 40, 867-879	4	8
58	Comparison of DNA methylation patterns of parentally imprinted genes in placenta derived from IVF conceptions in two different culture media. <i>Human Reproduction</i> , <b>2020</b> , 35, 516-528	5.7	2
57	Preimplantation genetic testing for aneuploidies (abnormal number of chromosomes) in in vitro fertilisation. <i>The Cochrane Library</i> , <b>2020</b> , 9, CD005291	5.2	4
56	Premature expression of the decidualization marker prolactin is associated with repeated implantation failure. <i>Gynecological Endocrinology</i> , <b>2020</b> , 36, 360-364	2.4	7
55	Female subfertility. <i>Nature Reviews Disease Primers</i> , <b>2019</b> , 5, 7	51.1	34
54	Fresh versus frozen blastocyst transfer. <i>Lancet, The</i> , <b>2019</b> , 394, 1227	40	5
53	The composition of human preimplantation embryo culture media and their stability during storage and culture. <i>Human Reproduction</i> , <b>2019</b> , 34, 1450-1461	5.7	18

52	Don't abandon RCTs in IVF. We don't even understand them. <i>Human Reproduction</i> , <b>2019</b> , 34, 2093-2098	5.7	15
51	High-quality human preimplantation embryos actively influence endometrial stromal cell migration. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 659-667	3.4	15
50	Developmental outcome of 9-year-old children born after PGS: follow-up of a randomized trial. <i>Human Reproduction</i> , <b>2018</b> , 33, 147-155	5.7	12
49	Age-related gene expression profiles of immature human oocytes. <i>Molecular Human Reproduction</i> , <b>2018</b> , 24, 469-477	4.4	7
48	The influence of retinoic acid-induced differentiation on the radiation response of male germline stem cells. <i>DNA Repair</i> , <b>2018</b> , 70, 55-66	4.3	12
47	pH stability of human preimplantation embryo culture media: effects of culture and batches. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 37, 409-414	4	8
46	An informed decision between cleavage-stage and blastocyst-stage transfer in IVF requires data on the transfers of frozen-thawed embryos. <i>Human Reproduction</i> , <b>2018</b> , 33, 1370	5.7	3
45	Trivial role for NSMCE2 during proliferation and differentiation of male germline stem cells. <i>Reproduction</i> , <b>2017</b> , 154, 181-195	3.8	13
44	Fresh versus frozen embryo transfers in assisted reproduction. <i>The Cochrane Library</i> , <b>2017</b> , 3, CD011184	5.2	75
43	Equipoise and the RCT. <i>Human Reproduction</i> , <b>2017</b> , 32, 257-260	5.7	9
42	The addition of a low-quality embryo as part of a fresh day 3 double embryo transfer does not improve ongoing pregnancy rates. <i>Human Reproduction Open</i> , <b>2017</b> , 2017, hox020	6.1	4
41	Reply II: Embryo culture media effects. <i>Human Reproduction</i> , <b>2017</b> , 32, 717-718	5.7	
40	Extracellular vesicles in human follicular fluid do not promote coagulation. <i>Reproductive BioMedicine Online</i> , <b>2016</b> , 33, 652-655	4	9
39	Influence of embryo culture medium (G5 and HTF) on pregnancy and perinatal outcome after IVF: a multicenter RCT. <i>Human Reproduction</i> , <b>2016</b> , 31, 2219-30	5.7	88
38	The why, the how and the when of PGS 2.0: current practices and expert opinions of fertility specialists, molecular biologists, and embryologists. <i>Molecular Human Reproduction</i> , <b>2016</b> , 22, 845-57	4.4	99
37	Evaluation of ribonucleic acid amplification protocols for human oocyte transcriptome analysis. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 511-9.e4	4.8	3
36	Factors affecting the gene expression of in vitro cultured human preimplantation embryos. <i>Human Reproduction</i> , <b>2016</b> , 31, 298-311	5.7	25
35	Differences in gene expression profiles between human preimplantation embryos cultured in two different IVF culture media. <i>Human Reproduction</i> , <b>2015</b> , 30, 2303-11	5.7	44

34	Time-lapse in the IVF-lab: how should we assess potential benefit?. <i>Human Reproduction</i> , <b>2015</b> , 30, 3-8	5.7	47
33	Culture media for human pre-implantation embryos in assisted reproductive technology cycles. <i>The Cochrane Library</i> , <b>2015</b> , CD007876	5.2	18
32	Reply: time-lapse in the IVF lab: how should we assess potential benefit?. <i>Human Reproduction</i> , <b>2015</b> , 30, 1277	5.7	
31	Pathophysiological aspects of thyroid hormone disorders/thyroid peroxidase autoantibodies and reproduction. <i>Human Reproduction Update</i> , <b>2015</b> , 21, 378-87	15.8	108
30	Preimplantation genetic screening: back to the future. <i>Human Reproduction</i> , <b>2014</b> , 29, 1846-50	5.7	86
29	Cryopreservation of human embryos and its contribution to in vitro fertilization success rates. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 19-26	4.8	164
28	Fresh versus frozen embryo transfers for assisted reproduction <b>2014</b> ,		4
27	Limitations of embryo selection methods. <i>Seminars in Reproductive Medicine</i> , <b>2014</b> , 32, 127-33	1.4	16
26	One swallow does not make a summer. <i>Fertility and Sterility</i> , <b>2013</b> , 99, 1205-6	4.8	10
25	Morphologic abnormalities in 2-year-old children born after in vitro fertilization/intracytoplasmic sperm injection with preimplantation genetic screening: follow-up of a randomized controlled trial. <i>Fertility and Sterility</i> , <b>2013</b> , 99, 408-13	4.8	10
24	Embryo culture media and IVF/ICSI success rates: a systematic review. <i>Human Reproduction Update</i> , <b>2013</b> , 19, 210-20	15.8	92
23	Low oxygen concentrations for embryo culture in assisted reproductive technologies. <i>Human Reproduction Update</i> , <b>2013</b> , 19, 209	15.8	23
22	Temporal and developmental-stage variation in the occurrence of mitotic errors in trippronuclear human preimplantation embryos. <i>Biology of Reproduction</i> , <b>2013</b> , 89, 42	3.9	4
21	Molecular origin of mitotic aneuploidies in preimplantation embryos. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2012</b> , 1822, 1921-30	6.9	82
20	Low oxygen concentrations for embryo culture in assisted reproductive technologies. <i>The Cochrane Library</i> , <b>2012</b> , CD008950	5.2	52
19	The effect of recombinant LH on embryo quality: a randomized controlled trial in women with poor ovarian reserve. <i>Human Reproduction</i> , <b>2012</b> , 27, 244-50	5.7	24
18	Preimplantation genetic screening: a systematic review and meta-analysis of RCTs. <i>Human Reproduction Update</i> , <b>2011</b> , 17, 454-66	15.8	305
17	Pregnancy outcome after preimplantation genetic screening or natural conception in couples with unexplained recurrent miscarriage: a systematic review of the best available evidence. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 2153-7, 2157.e1-3	4.8	33

16	Morphological Abnormalities in 2-Year-Old Children Born After IVF/ICSI with Preimplantation Genetic Screening (PGS). <i>Pediatric Research</i> , <b>2011</b> , 70, 407-407	3.2	
15	Chromosomal mosaicism in human preimplantation embryos: a systematic review. <i>Human Reproduction Update</i> , <b>2011</b> , 17, 620-7	15.8	185
14	Embryo selection in IVF. <i>Human Reproduction</i> , <b>2011</b> , 26, 964-6	5.7	55
13	SELECTED ORAL COMMUNICATION SESSION, SESSION 46: SAFETY OF IVF CULTURE, Tuesday 5 July 2011 15:15 - 16:30. <i>Human Reproduction</i> , <b>2011</b> , 26, i67-i69	5.7	3
12	The Inefficacy of Preimplantation Genetic Screening <b>2009</b> , 305-309		
11	Preimplantation genetic screening. <i>Reproductive BioMedicine Online</i> , <b>2008</b> , 17, 293; author reply 294-5	4	6
10	Benefits of PGD in patients with recurrent miscarriages?. <i>Fertility and Sterility</i> , <b>2008</b> , 90, 240-1; author reply 241-2	4.8	
9	No beneficial effect of preimplantation genetic screening in women of advanced maternal age with a high risk for embryonic aneuploidy. <i>Human Reproduction</i> , <b>2008</b> , 23, 2813-7	5.7	54
8	What next for preimplantation genetic screening? More randomized controlled trials needed?. <i>Human Reproduction</i> , <b>2008</b> , 23, 2626-8	5.7	41
7	In vitro fertilization with preimplantation genetic screening. <i>New England Journal of Medicine</i> , <b>2007</b> , 357, 9-17	59.2	558
6	Preimplantation genetic screening as an alternative to prenatal testing for Down syndrome: preferences of women undergoing in vitro fertilization/intracytoplasmic sperm injection treatment. <i>Fertility and Sterility</i> , <b>2007</b> , 88, 804-10	4.8	21
5	Preimplantation genetic screening for abnormal number of chromosomes (aneuploidies) in in vitro fertilisation or intracytoplasmic sperm injection. <i>The Cochrane Library</i> , <b>2006</b> , CD005291	5.2	70
4	PGD--a model to evaluate efficacy?. <i>Fertility and Sterility</i> , <b>2006</b> , 85, 534-5; author reply 535-6	4.8	7
3	Comment 1 on Staessen et al. (2004). Design and analysis of a randomized controlled trial studying preimplantation genetic screening. <i>Human Reproduction</i> , <b>2005</b> , 20, 2362-3; author reply 2364-5	5.7	11
2	The effectiveness of preimplantation genetic screening. <i>Reproductive BioMedicine Online</i> , <b>2005</b> , 11, 519-20		4
1	Dopamine and noradrenaline efflux in the prefrontal cortex in the light and dark period: effects of novelty and handling and comparison to the nucleus accumbens. <i>Neuroscience</i> , <b>2000</b> , 100, 741-8	3.9	129