

# Sergio Oehninger

## List of Publications by Citations

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49  
papers

2,844  
citations

21  
h-index

50  
g-index

50  
ext. papers

3,065  
ext. citations

2.4  
avg, IF

4.72  
L-index

#	Paper	IF	Citations
49	Predictive value of abnormal sperm morphology in in vitro fertilization. <i>Fertility and Sterility</i> , <b>1988</b> , 49, 112-7	4.8	971
48	Analysis of DNA fragmentation, plasma membrane translocation of phosphatidylserine and oxidative stress in human spermatozoa. <i>Human Reproduction</i> , <b>2000</b> , 15, 1338-44	5.7	356
47	Sperm morphology as diagnosed by strict criteria: probing the impact of teratozoospermia on fertilization rate and pregnancy outcome in a large in vitro fertilization population. <i>Fertility and Sterility</i> , <b>1994</b> , 62, 559-67	4.8	155
46	DNA fragmentation of normal spermatozoa negatively impacts embryo quality and intracytoplasmic sperm injection outcome. <i>Fertility and Sterility</i> , <b>2010</b> , 94, 549-57	4.8	139
45	Intracytoplasmic sperm injection: achievement of high pregnancy rates in couples with severe male factor infertility is dependent primarily upon female and not male factors. <i>Fertility and Sterility</i> , <b>1995</b> , 64, 977-81	4.8	129
44	Developmental sperm contributions: fertilization and beyond. <i>Fertility and Sterility</i> , <b>2009</b> , 92, 835-848	4.8	114
43	Fragmentation of DNA in morphologically normal human spermatozoa. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 1077-84	4.8	110
42	Sperm selection capacity of the human zona pellucida. <i>Molecular Reproduction and Development</i> , <b>1991</b> , 30, 346-52	2.6	96
41	Clinical significance of human sperm-zona pellucida binding. <i>Fertility and Sterility</i> , <b>1997</b> , 67, 1121-7	4.8	75
40	Presence and significance of somatic cell apoptosis markers in human ejaculated spermatozoa. <i>Reproductive BioMedicine Online</i> , <b>2003</b> , 7, 469-76	4	67
39	Sperm functional tests. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 1528-33	4.8	62
38	Semen analysis and sperm function testing. <i>Asian Journal of Andrology</i> , <b>2012</b> , 14, 6-13	2.8	55
37	Relationship between zona pellucida-induced acrosome reaction, sperm morphology, sperm-zona pellucida binding, and in vitro fertilization. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 49-55	4.8	44
36	High FSH:LH ratio and low LH levels in basal cycle day 3: impact on follicular development and IVF outcome. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2001</b> , 18, 499-505	3.4	35
35	Should ICSI be the treatment of choice for all cases of in-vitro conception? No, not in light of the scientific data. <i>Human Reproduction</i> , <b>2002</b> , 17, 2237-42	5.7	35
34	The specificity of human spermatozoa/zona pellucida interaction under hemizona assay conditions. <i>Molecular Reproduction and Development</i> , <b>1993</b> , 35, 57-61	2.6	30
33	Molecular basis of human sperm-zona pellucida interaction. <i>Cells Tissues Organs</i> , <b>2001</b> , 168, 58-64	2.1	29

32	Limits of current male fertility testing. <i>Fertility and Sterility</i> , <b>2019</b> , 111, 835-841	4.8	27
31	Biochemical and functional characterization of the human zona pellucida. <i>Reproductive BioMedicine Online</i> , <b>2003</b> , 7, 641-8	4	22
30	Glycodelins as regulators of early events of reproduction. <i>Clinical Endocrinology</i> , <b>1997</b> , 46, 381-6	3.4	21
29	Comparison of sperm binding potential of unseminated, inseminated-unfertilized, and fertilized-noncleaved human oocytes under hemizona assay conditions. <i>Molecular Reproduction and Development</i> , <b>1991</b> , 30, 56-61	2.6	21
28	Strategies for fertility preservation in female and male cancer survivors. <i>Journal of the Society for Gynecologic Investigation</i> , <b>2005</b> , 12, 222-31		20
27	Role for the endometrial epithelial protein MFG-E8 and its receptor integrin $\alpha 5 \beta 1$ in human implantation: results of an in vitro trophoblast attachment study using established human cell lines. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 874-82	4.8	19
26	The clinical significance of sperm-zona pellucida binding: 17 years later. <i>Frontiers in Bioscience - Landmark</i> , <b>2006</b> , 11, 1227-33	2.8	19
25	Predictive factors for ovarian response in a corifollitropin alfa/GnRH antagonist protocol for controlled ovarian stimulation in IVF/ICSI cycles. <i>Reproductive Biology and Endocrinology</i> , <b>2015</b> , 13, 117	5	18
24	Diagnostic significance of sperm-zona pellucida interaction. <i>Reproductive Medicine Review</i> , <b>1992</b> , 1, 57-81		18
23	Antimüllerian hormone regulates stem cell factor expression in human granulosa cells. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 1742-50.e1	4.8	14
22	Impact of fertilization history and semen parameters on ICSI outcome. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1998</b> , 15, 39-45	3.4	14
21	Revealing the enigmas of implantation: what is the true impact of ovarian hyperstimulation?. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 27-30	4.8	14
20	MFG-E8 regulates TGF- $\beta$ -induced epithelial mesenchymal transition in endometrial epithelial cells in vitro. <i>Reproduction</i> , <b>2016</b> , 152, 225-33	3.8	13
19	Impact of leuprolide acetate on the response to follicular stimulation for in vitro fertilization in patients with normal basal gonadotropin levels. <i>Journal of in Vitro Fertilization and Embryo Transfer: IVF</i> , <b>1989</b> , 6, 290-3		12
18	The hemizona assay for assessment of sperm function. <i>Methods in Molecular Biology</i> , <b>2013</b> , 927, 91-102	1.4	11
17	Validation of the hemizona assay (HZA) in a monkey model. II. Kinetics of binding and influence of cryopreserved-thawed spermatozoa. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1993</b> , 10, 292-301	3.4	11
16	Anti-ZP3 antibodies binding to the human zona pellucida: effect of oocyte-storage conditions. <i>American Journal of Reproductive Immunology</i> , <b>1994</b> , 32, 146-51	3.8	10
15	Tumor necrosis factor $\alpha$ up-regulates endometrial milk fat globule-epidermal growth factor 8 protein production via nuclear factor $\kappa$ B activation, resulting in cell migration of epithelial cells. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 552-9	4.8	8

14	Pathophysiology of oligoasthenoteratozoospermia: are we improving in the diagnosis?. <i>Reproductive BioMedicine Online</i> , <b>2003</b> , 7, 433-9	4	8
13	Effects of sperm viability on fertilization and embryo cleavage following intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1997</b> , 14, 277-81	3.4	7
12	Analysis of implantation in assisted reproduction through the use of serial human chorionic gonadotropin measurements. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1998</b> , 15, 496-503	3.4	6
11	Alterations in expression of endometrial milk fat globule-EGF factor 8 (MFG-E8) and leukemia inhibitory factor (LIF) in patients with infertility and endometriosis. <i>Jornal Brasileiro De Reproducao Assistida</i> , <b>2017</b> , 21, 313-320	1.7	6
10	Comparison of various preparation methods for the use of cryopreserved-thawed spermatozoa in insemination therapy. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2001</b> , 18, 575-7	3.4	5
9	SARS-CoV-2 is not found in human semen during mild COVID-19 acute stage. <i>Andrologia</i> , <b>2021</b> , e14286	2.4	4
8	Reprint of: Predictive value of abnormal sperm morphology in in vitro fertilization. <i>Fertility and Sterility</i> , <b>2019</b> , 112, e61-e66	4.8	3
7	Is the timing of implantation affected by zona pellucida micromanipulation?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2000</b> , 17, 34-8	3.4	3
6	Sperm DNA fragmentation testing: ready for prime time?. <i>Translational Andrology and Urology</i> , <b>2017</b> , 6, S385-S388	2.3	2
5	Testing sperm manufacturing quality: the sperm-zona binding assay	194-216	2
4	Sperm morphology and its disorders in the context of infertility. <i>F&amp;S Reviews</i> , <b>2021</b> , 2, 75-92	0.5	2
3	Reproductive health care policies around the world. On basic and clinical research within the human assisted reproduction setting. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1997</b> , 14, 69-72	3.4	1
2	Does endothelin-1 affect human spermatozoa function?. <i>American Journal of Reproductive Immunology</i> , <b>1994</b> , 31, 91-8	3.8	1
1	Lycopene and male infertility: do we know enough?. <i>Asian Journal of Andrology</i> , <b>2014</b> , 16, 500	2.8	