

Sergio Oehninger

List of Publications by Year in descending order

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49
papers

3,351
citations

304701

22
h-index

206102

48
g-index

50
all docs

50
docs citations

50
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive value of abnormal sperm morphology in in vitro fertilization. <i>Fertility and Sterility</i> , 1988, 49, 112-117.	1.0	1,108
2	Analysis of DNA fragmentation, plasma membrane translocation of phosphatidylserine and oxidative stress in human spermatozoa. <i>Human Reproduction</i> , 2000, 15, 1338-1344.	0.9	409
3	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> , 1994, 62, 559-567.	1.0	169
4	DNA fragmentation of normal spermatozoa negatively impacts embryo quality and intracytoplasmic sperm injection outcome. <i>Fertility and Sterility</i> , 2010, 94, 549-557.	1.0	162
5	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> , 1995, 64, 977-981.	1.0	149
6	Developmental sperm contributions: fertilization and beyond. <i>Fertility and Sterility</i> , 2009, 92, 835-848.	1.0	135
7	Fragmentation of DNA in morphologically normal human spermatozoa. <i>Fertility and Sterility</i> , 2009, 91, 1077-1084.	1.0	131
8	Sperm selection capacity of the human zona pellucida. <i>Molecular Reproduction and Development</i> , 1991, 30, 346-352.	2.0	113
9	Sperm functional tests. <i>Fertility and Sterility</i> , 2014, 102, 1528-1533.	1.0	90
10	Clinical significance of human sperm-zona pellucida binding. <i>Fertility and Sterility</i> , 1997, 67, 1121-1127.	1.0	89
11	Presence and significance of somatic cell apoptosis markers in human ejaculated spermatozoa. <i>Reproductive BioMedicine Online</i> , 2003, 7, 469-476.	2.4	77
12	Semen analysis and sperm function testing. <i>Asian Journal of Andrology</i> , 2012, 14, 6-13.	1.6	71
13	Relationship between zona pellucida-induced acrosome reaction, sperm morphology, sperm-zona pellucida binding, and in vitro fertilization. <i>Fertility and Sterility</i> , 2003, 79, 49-55.	1.0	53
14	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> , 2002, 17, 2237-2242.	0.9	48
15	Limits of current male fertility testing. <i>Fertility and Sterility</i> , 2019, 111, 835-841.	1.0	45
16	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> , 2001, 18, 499-505.	2.5	44
17	Molecular Basis of Human Sperm-Zona pellucida Interaction. <i>Cells Tissues Organs</i> , 2001, 168, 58-64.	2.3	33
18	The specificity of human spermatozoa/zona pellucida interaction under hemizona assay conditions. <i>Molecular Reproduction and Development</i> , 1993, 35, 57-61.	2.0	31

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19	Glycodelins as regulators of early events of reproduction. <i>Clinical Endocrinology</i> , 1997, 46, 381-386.	2.4	28
20	Role for the endometrial epithelial protein MFG-E8 and its receptor integrin $\alpha 5 \beta 3$ in human implantation: results of an in vitro trophoblast attachment study using established human cell lines. <i>Fertility and Sterility</i> , 2014, 101, 874-882.	1.0	26
21	Biochemical and functional characterization of the human zona pellucida. <i>Reproductive BioMedicine Online</i> , 2003, 7, 641-648.	2.4	25
22	Strategies for Fertility Preservation in Female and Male Cancer Survivors. <i>Journal of the Society for Gynecologic Investigation</i> , 2005, 12, 222-231.	1.7	25
23	The clinical significance of sperm-zona pellucida binding: 17 years later. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1227.	3.0	24
24	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> , 2015, 13, 117.	3.3	24
25	Comparison of sperm binding potential of uninseminated, inseminated-unfertilized, and fertilized-noncleaved human oocytes under hemizona assay conditions. <i>Molecular Reproduction and Development</i> , 1991, 30, 56-61.	2.0	22
26	Diagnostic significance of sperm-zona pellucida interaction. <i>Reproductive Medicine Review</i> , 1992, 1, 57-81.	0.3	21
27	MFG-E8 regulates TGF- $\beta 2$ -induced epithelial mesenchymal transition in endometrial epithelial cells in vitro. <i>Reproduction</i> , 2016, 152, 225-233.	2.6	20
28	Anti-Müllerian hormone regulates stem cell factor expression in human granulosa cells. <i>Fertility and Sterility</i> , 2014, 102, 1742-1750.e1.	1.0	19
29	Impact of fertilization history and semen parameters on ICSI outcome. <i>Journal of Assisted Reproduction and Genetics</i> , 1998, 15, 39-45.	2.5	15
30	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> , 1993, 10, 292-301.	2.5	14
31	Revealing the enigmas of implantation: what is the true impact of ovarian hyperstimulation?. <i>Fertility and Sterility</i> , 2008, 89, 27-30.	1.0	14
32	The Hemizona Assay for Assessment of Sperm Function. <i>Methods in Molecular Biology</i> , 2013, 927, 91-102.	0.9	14
33	Anti-ZP3 Antibodies Binding to the Human Zona Pellucida: Effect of Oocyte Storage Conditions. <i>American Journal of Reproductive Immunology</i> , 1994, 32, 146-151.	1.2	13
34	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> , 1989, 6, 290-293.	0.8	12
35	SARS-CoV-2 is not found in human semen during mild COVID-19 acute stage. <i>Andrologia</i> , 2022, 54, e14286. 2.1	2.1	11
36	Pathophysiology of oligoasthenoteratozoospermia: are we improving in the diagnosis?. <i>Reproductive BioMedicine Online</i> , 2003, 7, 433-439.	2.4	10

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37	Effects of sperm viability on fertilization and embryo cleavage following intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 1997, 14, 277-281.	2.5	9
38	Tumor necrosis factor α up-regulates endometrial milk fat globule-epidermal growth factor 8 protein production via nuclear factor κ B activation, resulting in cell migration of epithelial cells. <i>Fertility and Sterility</i> , 2014, 101, 552-559.	1.0	9
39	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> , 2017, 21, 313-320.	0.7	9
40	Analysis of implantation in assisted reproduction through the use of serial human chorionic gonadotropin measurements. <i>Journal of Assisted Reproduction and Genetics</i> , 1998, 15, 496-503.	2.5	6
41	Comparison of various preparation methods for the use of cryopreserved-thawed spermatozoa in insemination therapy. <i>Journal of Assisted Reproduction and Genetics</i> , 2001, 18, 575-577.	2.5	5
42	Reprint of: Predictive value of abnormal sperm morphology in in vitro fertilization. <i>Fertility and Sterility</i> , 2019, 112, e61-e66.	1.0	4
43	Sperm morphology and its disorders in the context of infertility. <i>F&S Reviews</i> , 2021, 2, 75-92.	1.3	4
44	Is the timing of implantation affected by zona pellucida micromanipulation?. <i>Journal of Assisted Reproduction and Genetics</i> , 2000, 17, 34-38.	2.5	3
45	Sperm DNA fragmentation testing: ready for prime time?. <i>Translational Andrology and Urology</i> , 2017, 6, S385-S388.	1.4	3
46	Testing sperm manufacturing quality: the sperm-zona binding assay. , 2006, , 194-216.		2
47	Does Endothelin-1 Affect Human Spermatozoa Function?. <i>American Journal of Reproductive Immunology</i> , 1994, 31, 91-98.	1.2	1
48	On basic and clinical research within the human assisted reproduction setting. <i>Journal of Assisted Reproduction and Genetics</i> , 1997, 14, 69-72.	2.5	1
49	Lycopene and male infertility: do we know enough?. <i>Asian Journal of Andrology</i> , 2014, 16, 500.	1.6	1