

Denny Sakkas

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.

77
papers

4,942
citations

34
h-index

70
g-index

87
ext. papers

5,764
ext. citations

3.2
avg, IF

5.68
L-index

#	Paper	IF	Citations
77	The Psychological Impact of the COVID-19 Pandemic on Women Pregnant Following Infertility Treatment: A Longitudinal Study.. <i>F&S Reports</i> , 2022 ,	0.6	2
76	Elevated serum progesterone during in vitro fertilization treatment and the risk of ischemic placental disease. <i>Pregnancy Hypertension</i> , 2021 , 24, 7-12	2.6	1
75	Multiple cryopreservation-warming cycles, coupled with blastocyst biopsy, negatively affect IVF outcomes. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 572-578	4	4
74	Fertility technologies and how to optimize laboratory performance to support the shortening of time to birth of a healthy singleton: a Delphi consensus. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 1021-1043	3.4	2
73	A multi-centre international study of salivary hormone oestradiol and progesterone measurements in ART monitoring. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 421-428	4	3
72	In vitro fertilization and andrology laboratory in 2030: expert visions. <i>Fertility and Sterility</i> , 2021 , 116, 4-12	4.8	0
71	Perinatal outcomes in singleton pregnancies after in vitro fertilization cycles over 24 years. <i>Fertility and Sterility</i> , 2021 , 116, 27-35	4.8	1
70	The use of propensity score matching to assess the benefit of the endometrial receptivity analysis in frozen embryo transfers. <i>Fertility and Sterility</i> , 2021 , 116, 396-403	4.8	1
69	The effect of rapid and delayed insemination on reproductive outcome in conventional insemination and intracytoplasmic sperm injection in vitro fertilization cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 2697-2706	3.4	0
68	Single cell analysis of DNA in more than 10,000 individual sperm from men with abnormal reproductive outcomes. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 2975-2983	3.4	1
67	Multicenter prospective study of concordance between embryonic cell-free DNA and trophoctoderm biopsies from 1301 human blastocysts. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 751.e1-751.e13	6.4	26
66	Patient Retention, Nursing Retention: The Importance of Empathic Communication and Nursing Support 2020 , 146-155		
65	The IVF Cycle to Come: Laboratory Innovations 2020 , 54-66		0
64	Double trouble? Clinic-specific risk factors for monozygotic twinning. <i>Fertility and Sterility</i> , 2020 , 114, 587-594	4.8	1
63	Blasts from the past: is morphology useful in PGT-A tested and untested frozen embryo transfers?. <i>Reproductive BioMedicine Online</i> , 2020 , 41, 981-989	4	6
62	Comparison of pregnancy outcomes following preimplantation genetic testing for aneuploidy using a matched propensity score design. <i>Human Reproduction</i> , 2020 , 35, 2356-2364	5.7	6
61	Time-lapse videography for embryo selection/de-selection: a bright future or fading star?. <i>Human Fertility</i> , 2020 , 23, 76-82	1.9	3

60	Embryo donation: Survey of in-vitro fertilization (IVF) patients and randomized trial of complimentary counseling. <i>PLoS ONE</i> , 2019 , 14, e0221149	3.7	6
59	Is younger better? Donor age less than 25 does not predict more favorable outcomes after in vitro fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 1631-1637	3.4	6
58	Sperm selection methods in the 21st century. <i>Biology of Reproduction</i> , 2019 , 101, 1076-1082	3.9	26
57	Physiology and Culture of the Early Human Embryo 2019 , 232-244		
56	Assisted reproductive technology outcomes in female-to-male transgender patients compared with cisgender patients: a new frontier in reproductive medicine. <i>Fertility and Sterility</i> , 2019 , 112, 858-865	4.8	40
55	Preimplantation genetic testing for aneuploidy versus morphology as selection criteria for single frozen-thawed embryo transfer in good-prognosis patients: a multicenter randomized clinical trial. <i>Fertility and Sterility</i> , 2019 , 112, 1071-1079.e7	4.8	196
54	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , 2019 , 37, 296-312	6.8	151
53	Combined noninvasive metabolic and spindle imaging as potential tools for embryo and oocyte assessment. <i>Human Reproduction</i> , 2019 , 34, 2349-2361	5.7	14
52	To test or not to test? A framework for counselling patients on preimplantation genetic testing for aneuploidy (PGT-A). <i>Human Reproduction</i> , 2019 , 34, 268-275	5.7	24
51	Hippo signaling in the ovary and polycystic ovarian syndrome. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 1763-1771	3.4	15
50	Burden of care is the primary reason why insured women terminate in vitro fertilization treatment. <i>Fertility and Sterility</i> , 2018 , 109, 1121-1126	4.8	44
49	Personalized ovarian stimulation for assisted reproductive technology: study design considerations to move from hype to added value for patients. <i>Fertility and Sterility</i> , 2018 , 109, 968-979	4.8	23
48	Apoptosis in Ejaculated Spermatozoa and in the Normal and Pathological Testes: Abortive Apoptosis and Sperm Chromatin Damage 2018 , 197-218		3
47	Metabolic imaging with the use of fluorescence lifetime imaging microscopy (FLIM) accurately detects mitochondrial dysfunction in mouse oocytes. <i>Fertility and Sterility</i> , 2018 , 110, 1387-1397	4.8	20
46	Paternal factors contributing to embryo quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 1953-1968	3.4	52
45	Elevated progesterone and its impact on birth weight after fresh embryo transfers. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 759-764	3.4	8
44	How many oocytes are optimal to achieve multiple live births with one stimulation cycle? The one-and-done approach. <i>Fertility and Sterility</i> , 2017 , 107, 397-404.e3	4.8	42
43	Will noninvasive methods surpass invasive for assessing gametes and embryos?. <i>Fertility and Sterility</i> , 2017 , 108, 730-737	4.8	24

42	The impact of younger age on treatment discontinuation in insured IVF patients. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 209-215	3.4	4
41	Birthweight and the effects of culture media. <i>Human Reproduction</i> , 2017 , 32, 717-718	5.7	6
40	Evaluation of a high implantation potential (HIP) embryo grading system designed to reduce multiple pregnancy. <i>Journal of Reproductive Health and Medicine</i> , 2016 , 2, 11-16		2
39	No change in live birthweight of IVF singleton deliveries over an 18-year period despite significant clinical and laboratory changes. <i>Human Reproduction</i> , 2016 , 31, 1987-96	5.7	26
38	Sperm selection in natural conception: what can we learn from Mother Nature to improve assisted reproduction outcomes?. <i>Human Reproduction Update</i> , 2015 , 21, 711-26	15.8	120
37	Follicle-stimulating hormone receptor (FSHR) alternative skipping of exon 2 or 3 affects ovarian response to FSH. <i>Molecular Human Reproduction</i> , 2014 , 20, 630-43	4.4	20
36	Laboratory procedures for human in vitro fertilization. <i>Seminars in Reproductive Medicine</i> , 2014 , 32, 272-82		12
35	Role of increased male age in IVF and egg donation: is sperm DNA fragmentation responsible?. <i>Fertility and Sterility</i> , 2013 , 99, 30-36	4.8	56
34	Novel technologies for selecting the best sperm for in vitro fertilization and intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2013 , 99, 1023-9	4.8	60
33	Day 3 embryo selection by metabolomic profiling of culture medium with near-infrared spectroscopy as an adjunct to morphology: a randomized controlled trial. <i>Human Reproduction</i> , 2012 , 27, 2304-11	5.7	84
32	Pathogenesis, developmental consequences, and clinical correlations of human embryo fragmentation. <i>Fertility and Sterility</i> , 2011 , 95, 1197-204	4.8	34
31	In-Vitro Reproductive Technologies 2011 , 127-134		
30	Implantation Rate Remains Unaffected in Women with Endometriosis Compared to Tubal Factor Infertility. <i>Journal of Endometriosis</i> , 2011 , 3, 86-92		5
29	Assessment of Oocyte and Embryo Quality in Women with Endometriosis. <i>Journal of Endometriosis</i> , 2010 , 2, 87-94		1
28	Noninvasive metabolomic profiling as an adjunct to morphology for noninvasive embryo assessment in women undergoing single embryo transfer. <i>Fertility and Sterility</i> , 2010 , 94, 535-42	4.8	119
27	Sperm DNA fragmentation: mechanisms of origin, impact on reproductive outcome, and analysis. <i>Fertility and Sterility</i> , 2010 , 93, 1027-36	4.8	477
26	From oocyte to baby: a clinical evaluation of the biological efficiency of in vitro fertilization. <i>Fertility and Sterility</i> , 2009 , 91, 1061-6	4.8	126
25	Deoxyribonucleic acid repair and apoptosis in testicular germ cells of aging fertile men: the role of the poly(adenosine diphosphate-ribosyl)ation pathway. <i>Fertility and Sterility</i> , 2009 , 91, 2221-9	4.8	33

24	Noninvasive metabolomic profiling of human embryo culture media using Raman spectroscopy predicts embryonic reproductive potential: a prospective blinded pilot study. <i>Fertility and Sterility</i> , 2008 , 90, 77-83	4.8	155
23	Noninvasive metabolomic profiling of embryo culture media using proton nuclear magnetic resonance correlates with reproductive potential of embryos in women undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2008 , 90, 2183-9	4.8	148
22	Metabolomics and its application for non-invasive embryo assessment in IVF. <i>Molecular Human Reproduction</i> , 2008 , 14, 679-90	4.4	169
21	Metabolomic profiling of embryo culture media to predict IVF outcome. <i>Expert Review of Obstetrics and Gynecology</i> , 2008 , 3, 441-447		7
20	Noninvasive metabolomic profiling of embryo culture media using Raman and near-infrared spectroscopy correlates with reproductive potential of embryos in women undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2007 , 88, 1350-7	4.8	221
19	Fertility testing and ICSI sperm selection by hyaluronic acid binding: clinical and genetic aspects. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 650-63	4	175
18	Spermatozoal nuclear determinants of reproductive outcome: implications for ART. <i>Human Reproduction Update</i> , 2005 , 11, 337-49	15.8	106
17	Intracytoplasmic sperm injection: a novel selection method for sperm with normal frequency of chromosomal aneuploidies. <i>Fertility and Sterility</i> , 2005 , 84, 1665-73	4.8	177
16	The significance of sperm nuclear DNA strand breaks on reproductive outcome. <i>Current Opinion in Obstetrics and Gynecology</i> , 2005 , 17, 255-60	2.4	65
15	Noninvasive methods to assess embryo quality. <i>Current Opinion in Obstetrics and Gynecology</i> , 2005 , 17, 283-8	2.4	88
14	An embryonic poly(A)-binding protein (ePAB) is expressed in mouse oocytes and early preimplantation embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 367-72	11.5	82
13	The presence of abnormal spermatozoa in the ejaculate: did apoptosis fail?. <i>Human Fertility</i> , 2004 , 7, 99-103	1.9	53
12	Cellular maturity and apoptosis in human sperm: creatine kinase, caspase-3 and Bcl-XL levels in mature and diminished maturity sperm. <i>Molecular Human Reproduction</i> , 2004 , 10, 365-72	4.4	126
11	Use of the egg-share model to investigate the paternal influence on fertilization and embryo development after in vitro fertilization and intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2004 , 82, 74-9	4.8	23
10	Extent of nuclear DNA damage in ejaculated spermatozoa impacts on blastocyst development after in vitro fertilization. <i>Fertility and Sterility</i> , 2004 , 82, 378-83	4.8	320
9	A soluble molecule secreted by human blastocysts modulates regulation of HOXA10 expression in an epithelial endometrial cell line. <i>Fertility and Sterility</i> , 2003 , 80, 1169-74	4.8	41
8	Abnormal spermatozoa in the ejaculate: abortive apoptosis and faulty nuclear remodelling during spermatogenesis. <i>Reproductive BioMedicine Online</i> , 2003 , 7, 428-32	4	204
7	Sperm nuclear DNA damage in the human. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 518, 73-84	3.6	33

6	Nature of DNA damage in ejaculated human spermatozoa and the possible involvement of apoptosis. <i>Biology of Reproduction</i> , 2002 , 66, 1061-7	3.9	338
5	Blastocyst transfer for patients with multiple assisted reproduction treatment failures: preliminary experience. <i>Human Fertility</i> , 2001 , 4, 104-8	1.9	3
4	Abnormal sperm parameters in humans are indicative of an abortive apoptotic mechanism linked to the Fas-mediated pathway. <i>Experimental Cell Research</i> , 1999 , 251, 350-5	4.2	266
3	Chromatin packaging and morphology in ejaculated human spermatozoa: evidence of hidden anomalies in normal spermatozoa. <i>Molecular Human Reproduction</i> , 1996 , 2, 139-44	4.4	121
2	Co-culture of the early human embryo: factors affecting human blastocyst formation in vitro. <i>Microscopy Research and Technique</i> , 1995 , 32, 50-6	2.8	34
1	Subzonal sperm microinjection in cases of severe male factor infertility and repeated in vitro fertilization failure. <i>Fertility and Sterility</i> , 1992 , 57, 1279-88	4.8	43