

Denny Sakkas

List of Publications by Year in descending order

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85
papers

6,520
citations

101384

36
h-index

64668

79
g-index

87
all docs

87
docs citations

87
times ranked

4211
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic state of human blastocysts measured by fluorescence lifetime imaging microscopy. Human Reproduction, 2022, 37, 411-427.	0.4	13
2	The psychological impact of the coronavirus disease 2019 pandemic on women who become pregnant after receiving treatment for infertility: a longitudinal study. F&S Reports, 2022, 3, 71-78.	0.4	2
3	Fluorescence lifetime imaging microscopy (FLIM) detects differences in metabolic signatures between euploid and aneuploid human blastocysts. Human Reproduction, 2022, 37, 400-410.	0.4	11
4	Identification of miR-34-3p as a Candidate Follicular Phase Serum Marker for Endometriosis: a pilot study. F&S Science, 2022, , .	0.5	0
5	Endometrial compaction does not predict live birth in single euploid frozen embryo transfers: a prospective study. Human Reproduction, 2022, 37, 980-987.	0.4	9
6	The effect of interpregnancy interval on preterm birth and low birth weight in singleton pregnancies conceived without assistance or by infertility treatments. Fertility and Sterility, 2022, 118, 550-559.	0.5	2
7	A diagnosis of diminished ovarian reserve does not impact embryo aneuploidy or live birth rates compared to patients with normal ovarian reserve. Fertility and Sterility, 2022, 118, 504-512.	0.5	9
8	Multiple cryopreservation "warming cycles, coupled with blastocyst biopsy, negatively affect IVF outcomes. Reproductive BioMedicine Online, 2021, 42, 572-578.	1.1	14
9	Fertility technologies and how to optimize laboratory performance to support the shortening of time to birth of a healthy singleton: a Delphi consensus. Journal of Assisted Reproduction and Genetics, 2021, 38, 1021-1043.	1.2	12
10	A multi-centre international study of salivary hormone oestradiol and progesterone measurements in ART monitoring. Reproductive BioMedicine Online, 2021, 42, 421-428.	1.1	11
11	Elevated serum progesterone during in vitro fertilization treatment and the risk of ischemic placental disease. Pregnancy Hypertension, 2021, 24, 7-12.	0.6	2
12	In vitro fertilization and andrology laboratory in 2030: expert visions. Fertility and Sterility, 2021, 116, 4-12.	0.5	4
13	Perinatal outcomes in singleton pregnancies after in vitro fertilization cycles over 24 years. Fertility and Sterility, 2021, 116, 27-35.	0.5	12
14	The use of propensity score matching to assess the benefit of the endometrial receptivity analysis in frozen embryo transfers. Fertility and Sterility, 2021, 116, 396-403.	0.5	24
15	The effect of rapid and delayed insemination on reproductive outcome in conventional insemination and intracytoplasmic sperm injection in vitro fertilization cycles. Journal of Assisted Reproduction and Genetics, 2021, 38, 2697-2706.	1.2	7
16	Single cell analysis of DNA in more than 10,000 individual sperm from men with abnormal reproductive outcomes. Journal of Assisted Reproduction and Genetics, 2021, 38, 2975-2983.	1.2	2
17	Time-lapse videography for embryo selection/de-selection: a bright future or fading star?. Human Fertility, 2020, 23, 76-82.	0.7	7
18	Blasts from the past: is morphology useful in PGT-A tested and untested frozen embryo transfers?. Reproductive BioMedicine Online, 2020, 41, 981-989.	1.1	22

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19	Comparison of pregnancy outcomes following preimplantation genetic testing for aneuploidy using a matched propensity score design. <i>Human Reproduction</i> , 2020, 35, 2356-2364.	0.4	23
20	FLUORESCENCE LIFETIME IMAGING MICROSCOPY (FLIM) DETECTS DIFFERENCES IN METABOLIC SIGNATURES BETWEEN EUPLOID AND ANEUPLOID HUMAN BLASTOCYSTS. <i>Fertility and Sterility</i> , 2020, 114, e76-e77.	0.5	7
21	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.	0.7	75
22	Patient Retention, Nursing Retention: The Importance of Empathic Communication and Nursing Support. , 2020, , 146-155.		0
23	The IVF Cycle to Come: Laboratory Innovations. , 2020, , 54-66.		1
24	Double trouble? Clinic-specific risk factors for monozygotic twinning. <i>Fertility and Sterility</i> , 2020, 114, 587-594.	0.5	4
25	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.	0.5	92
26	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.	0.5	379
27	Embryo donation: Survey of in-vitro fertilization (IVF) patients and randomized trial of complimentary counseling. <i>PLoS ONE</i> , 2019, 14, e0221149.	1.1	9
28	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.	1.2	8
29	Sperm selection methods in the 21st century. <i>Biology of Reproduction</i> , 2019, 101, 1076-1082.	1.2	56
30	Physiology and Culture of the Early Human Embryo. , 2019, , 232-244.		0
31	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.	1.7	256
32	Combined noninvasive metabolic and spindle imaging as potential tools for embryo and oocyte assessment. <i>Human Reproduction</i> , 2019, 34, 2349-2361.	0.4	34
33	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.	0.4	44
34	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.	0.5	34
35	Paternal factors contributing to embryo quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1953-1968.	1.2	97
36	Hippo signaling in the ovary and polycystic ovarian syndrome. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1763-1771.	1.2	32

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37	Burden of care is the primary reason why insured women terminate in vitro fertilization treatment. <i>Fertility and Sterility</i> , 2018, 109, 1121-1126.	0.5	81
38	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.	0.5	28
39	Apoptosis in Ejaculated Spermatozoa and in the Normal and Pathological Testes: Abortive Apoptosis and Sperm Chromatin Damage. , 2018, , 197-218.		3
40	Birthweight and the effects of culture media. <i>Human Reproduction</i> , 2017, 32, 717-718.	0.4	6
41	Elevated progesterone and its impact on birth weight after fresh embryo transfers. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 759-764.	1.2	10
42	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.	0.5	74
43	Will noninvasive methods surpass invasive for assessing gametes and embryos?. <i>Fertility and Sterility</i> , 2017, 108, 730-737.	0.5	34
44	The impact of younger age on treatment discontinuation in insured IVF patients. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 209-215.	1.2	8
45	Cleavage in the preimplantation embryo: it is all about being in the right place at the right time!. <i>Molecular Human Reproduction</i> , 2016, 22, 679-680.	1.3	2
46	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, 1987-1996.	0.4	32
47	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.	0.3	3
48	Sperm selection in natural conception: what can we learn from Mother Nature to improve assisted reproduction outcomes?. <i>Human Reproduction Update</i> , 2015, 21, 711-726.	5.2	177
49	Biomarkers in reproductive medicine: the quest for new answers. <i>Human Reproduction Update</i> , 2015, 21, 695-697.	5.2	7
50	Laboratory Procedures for Human In Vitro Fertilization. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 272-282.	0.5	18
51	Follicle-stimulating hormone receptor (FSHR) alternative skipping of exon 2 or 3 affects ovarian response to FSH. <i>Molecular Human Reproduction</i> , 2014, 20, 630-643.	1.3	25
52	Role of increased male age in IVF and egg donation: is sperm DNA fragmentation responsible?. <i>Fertility and Sterility</i> , 2013, 99, 30-36.	0.5	70
53	Novel technologies for selecting the best sperm for in vitro fertilization and intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2013, 99, 1023-1029.	0.5	77
54	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, 2304-2311.	0.4	91

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55	Pathogenesis, developmental consequences, and clinical correlations of human embryo fragmentation. <i>Fertility and Sterility</i> , 2011, 95, 1197-1204.	0.5	44
56	Implantation Rate Remains Unaffected in Women with Endometriosis Compared to Tubal Factor Infertility. <i>Journal of Endometriosis</i> , 2011, 3, 86-92.	1.0	5
57	Assessment of Oocyte and Embryo Quality in Women with Endometriosis. <i>Journal of Endometriosis</i> , 2010, 2, 87-94.	1.0	1
58	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, 535-542.	0.5	142
59	Sperm DNA fragmentation: mechanisms of origin, impact on reproductive outcome, and analysis. <i>Fertility and Sterility</i> , 2010, 93, 1027-1036.	0.5	599
60	From oocyte to baby: a clinical evaluation of the biological efficiency of in vitro fertilization. <i>Fertility and Sterility</i> , 2009, 91, 1061-1066.	0.5	152
61	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, 2221-2229.	0.5	38
62	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.	0.5	178
63	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, 2183-2189.	0.5	168
64	Metabolomics and its application for non-invasive embryo assessment in IVF. <i>Molecular Human Reproduction</i> , 2008, 14, 679-690.	1.3	202
65	Metabolomic profiling of embryo culture media to predict IVF outcome. <i>Expert Review of Obstetrics and Gynecology</i> , 2008, 3, 441-447.	0.4	7
66	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, 1350-1357.	0.5	255
67	Fertility testing and ICSI sperm selection by hyaluronic acid binding: clinical and genetic aspects. <i>Reproductive BioMedicine Online</i> , 2007, 14, 650-663.	1.1	205
68	The significance of sperm nuclear DNA strand breaks on reproductive outcome. <i>Current Opinion in Obstetrics and Gynecology</i> , 2005, 17, 255-260.	0.9	82
69	Noninvasive methods to assess embryo quality. <i>Current Opinion in Obstetrics and Gynecology</i> , 2005, 17, 283-288.	0.9	105
70	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, 367-372.	3.3	100
71	Spermatozoal nuclear determinants of reproductive outcome: implications for ART. <i>Human Reproduction Update</i> , 2005, 11, 337-349.	5.2	119
72	Intracytoplasmic sperm injection: a novel selection method for sperm with normal frequency of chromosomal aneuploidies. <i>Fertility and Sterility</i> , 2005, 84, 1665-1673.	0.5	219

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73	The presence of abnormal spermatozoa in the ejaculate: Did apoptosis fail?. Human Fertility, 2004, 7, 99-103.	0.7	70
74	Cellular maturity and apoptosis in human sperm: creatine kinase, caspase-3 and Bcl-XL levels in mature and diminished maturity sperm. Molecular Human Reproduction, 2004, 10, 365-372.	1.3	147
75	Use of the egg-share model to investigate the paternal influence on fertilization and embryo development after in vitro fertilization and intracytoplasmic sperm injection. Fertility and Sterility, 2004, 82, 74-79.	0.5	24
76	Extent of nuclear DNA damage in ejaculated spermatozoa impacts on blastocyst development after in vitro fertilization. Fertility and Sterility, 2004, 82, 378-383.	0.5	367
77	A soluble molecule secreted by human blastocysts modulates regulation of HOXA10 expression in an epithelial endometrial cell line. Fertility and Sterility, 2003, 80, 1169-1174.	0.5	48
78	Abnormal spermatozoa in the ejaculate: abortive apoptosis and faulty nuclear remodelling during spermatogenesis. Reproductive BioMedicine Online, 2003, 7, 428-432.	1.1	236
79	Sperm Nuclear DNA Damage in the Human. Advances in Experimental Medicine and Biology, 2003, 518, 73-84.	0.8	44
80	Nature of DNA Damage in Ejaculated Human Spermatozoa and the Possible Involvement of Apoptosis1. Biology of Reproduction, 2002, 66, 1061-1067.	1.2	377
81	Blastocyst transfer for patients with multiple assisted reproduction treatment failures: Preliminary experience. Human Fertility, 2001, 4, 104-108.	0.7	3
82	Abnormal Sperm Parameters in Humans Are Indicative of an Abortive Apoptotic Mechanism Linked to the Fas-Mediated Pathway. Experimental Cell Research, 1999, 251, 350-355.	1.2	307
83	Chromatin packaging and morphology in ejaculated human spermatozoa: evidence of hidden anomalies in normal spermatozoa. Molecular Human Reproduction, 1996, 2, 139-144.	1.3	134
84	Co-culture of the early human embryo: Factors affecting human blastocyst formation in vitro. Microscopy Research and Technique, 1995, 32, 50-56.	1.2	36
85	Subzonal sperm microinjection in cases of severe male factor infertility and repeated in vitro fertilization failure**Supported in part by funds from the National Health and Medical Research Council of Australia, Melbourne, Victoria, Australia, as a project grant to Alan Trounson, Ph.D.. Fertility and Sterility, 1992, 57, 1279-1288.	0.5	46