Sherman J Silber

List of Publications by Year
in descending order

106 papers	11,039 citations	30070 54 h-index	40979 93 g-index
107 all docs	107 docs citations	107 times ranked	4870 citing authors

#	Article	IF	Citations
1	Fresh and cryopreserved ovarian tissue transplantation for preserving reproductive and endocrine function: a systematic review and individual patient data meta-analysis. Human Reproduction Update, 2022, 28, 400-416.	10.8	43
2	Ovarian Tissue Cryopreservation and Transplantation: Scientific and Clinical Implications. , 2022, , 143-161.		1
3	In-vitro maturation and transplantation of cryopreserved ovary tissue: understanding ovarian longevity. Reproductive BioMedicine Online, 2022, 44, 504-514.	2.4	12
4	Fresh and cryopreserved ovarian tissue from deceased young donors yields viable follicles. F&S Science, 2021, 2, 248-258.	0.9	2
5	Success rates in minimal stimulation cycle IVF with clomiphene citrate only. Journal of Assisted Reproduction and Genetics, 2020, 37, 297-304.	2.5	15
6	Evaluation of ovarian tissue transplantation: results from three clinical centers. Fertility and Sterility, 2020, 114, 388-397.	1.0	84
7	When â€œfactsâ€•are not facts: what does p value really mean, and how does it deceive us?. Journal of Assisted Reproduction and Genetics, 2020, 37, 1303-1310.	2.5	1
8	Ovarian Tissue Cryopreservation. , 2019, , 713-720.		0
9	Apoptosis of mural granulosa cells is increased in women with diminished ovarian reserve. Journal of Assisted Reproduction and Genetics, 2019, 36, 1225-1235.	2.5	63
10	Ovarian Tissue Cryopreservation and Transplantation. , 2019, , 81-88.		2
11	The varicocele argument resurfaces. Journal of Assisted Reproduction and Genetics, 2018, 35, 1079-1082.	2.5	9
12	Cryopreservation and transplantation of ovarian tissue: results from one center in the USA. Journal of Assisted Reproduction and Genetics, 2018, 35, 2205-2213.	2.5	82
13	Testis Development, Embryology, and Anatomy. , 2018, , 3-12.		2
14	Azoospermia. , 2018, , 77-125.		0
15	Forty years of IVF. Fertility and Sterility, 2018, 110, 185-324.e5.	1.0	211
16	Fundamentals of Male Infertility. , 2018, , .		4
17	Improving IVF Results: How Far Can We Tamper with Human Biology?. Reproductive Medicine for Clinicians, 2018, , 77-82.	0.2	0
18	Adult Testis Anatomy. , 2018, , 19-21.		2

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19	Chapter 13 Human Ovarian Tissue Vitrification. Methods in Molecular Biology, 2017, 1568, 177-194.	0.9	7
20	Intrinsic fertility of human oocytes. Fertility and Sterility, 2017, 107, 1232-1237.	1.0	56
21	Unraveling transcriptome dynamics in human spermatogenesis. Development (Cambridge), 2017, 144, 3659-3673.	2.5	117
22	How Ovarian Transplantation Works and How Resting Follicle Recruitment Occurs: A Review of Results Reported from One Center. Women's Health, 2016, 12, 217-227.	1.5	14
23	Ovarian tissue cryopreservation and transplantation: scientific implications. Journal of Assisted Reproduction and Genetics, 2016, 33, 1595-1603.	2.5	112
24	<scp>TEX</scp> 11 is mutated in infertile men with azoospermia and regulates genomeâ€wide recombination rates in mouse. EMBO Molecular Medicine, 2015, 7, 1198-1210.	6.9	145
25	Live birth rates after MESA or TESE in men with obstructive azoospermia: is there a difference?. Human Reproduction, 2015, 30, 761-766.	0.9	52
26	Fresh and cryopreserved ovary transplantation and resting follicle recruitment. Reproductive BioMedicine Online, 2015, 30, 643-650.	2.4	69
27	Unifying theory of adult resting follicle recruitment and fetal oocyte arrest. Reproductive BioMedicine Online, 2015, 31, 472-475.	2.4	27
28	Fertility preservation for age-related fertility decline. Lancet, The, 2014, 384, 1311-1319.	13.7	182
29	APPLYING CLINICALLY PROVEN HUMAN TECHNIQUES FOR CONTRACEPTION AND FERTILITY TO ENDANGERED SPECIES AND ZOO ANIMALS: A REVIEW. Journal of Zoo and Wildlife Medicine, 2013, 44, S111-S122.	0.6	10
30	Oophorectomy for Fertility Preservation via Reduced-Port Laparoscopic Surgery. Surgical Innovation, 2013, 20, 219-224.	0.9	16
31	Long-term duration of function of ovarian tissue transplants: case reports. Reproductive BioMedicine Online, 2012, 25, 128-132.	2.4	103
32	Long-term function of ovarian tissue transplants. Middle East Fertility Society Journal, 2012, 17, 215-220.	1.5	6
33	Children born after autotransplantation of cryopreserved ovarian tissue. A review of 13 live births. Annals of Medicine, 2011, 43, 437-450.	3.8	309
34	Role of semen analysis in subfertile couples. Fertility and Sterility, 2011, 95, 1013-1019.	1.0	128
35	The Y chromosome in the era of intracytoplasmic sperm injection: a personal review. Fertility and Sterility, 2011, 95, 2439-2448.e5.	1.0	35
36	Human male infertility, the Y chromosome, and dinosaur extinction. Middle East Fertility Society Journal, 2011, 16, 114-120.	1.5	1

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37	Unexpected resilience of species with temperature-dependent sex determination at the Cretaceousâ€“Palaeogene boundary. Biology Letters, 2011, 7, 295-298.	2.3	20
38	Sperm retrieval for azoospermia and intracytoplasmic sperm injection success rates â€“ A personal overview. Human Fertility, 2010, 13, 247-256.	1.7	14
39	Duration of fertility after fresh and frozen ovary transplantation. Fertility and Sterility, 2010, 94, 2191-2196.	1.0	214
40	Minimal ovarian stimulation (mini-IVF) for IVF utilizing vitrification and cryopreserved embryo transfer. Reproductive BioMedicine Online, 2010, 21, 485-495.	2.4	68
41	To Transplant or Not to Transplant â€“ That Is the Question. Cancer Treatment and Research, 2010, 156, 41-54.	0.5	9
42	Fresh Ovarian Tissue and Whole Ovary Transplantation. Seminars in Reproductive Medicine, 2009, 27, 479-485.	1.1	27
43	Oocyte vitrificationâ€”Women's emancipation set in stone. Fertility and Sterility, 2009, 91, 1319-1320.	1.0	85
44	Isodicentric Y Chromosomes and Sex Disorders as Byproducts of Homologous Recombination that Maintains Palindromes. Cell, 2009, 138, 855-869.	28.9	232
45	Successful vitrification of bovine and human ovarian tissue. Reproductive BioMedicine Online, 2009, 18, 568-577.	2.4	230
46	Successful Pregnancy after Microsurgical Transplantation of an Intact Ovary. New England Journal of Medicine, 2008, 359, 2617-2618.	27.0	139
47	Long-term economic benefits attributed to IVF-conceived children: a lifetime tax calculation. American Journal of Managed Care, 2008, 14, 598-604.	1.1	23
48	Ovarian Transplantation in a Series of Monozygotic Twins Discordant for Ovarian Failure. New England Journal of Medicine, 2007, 356, 1382-1384.	27.0	111
49	Production of the first offspring from oocytes derived from fresh and cryopreserved pre-antral follicles of adult mice. Reproductive BioMedicine Online, 2007, 14, 693-699.	2.4	53
50	Live birth following day surgery reversal of female sterilisation in women older than 40â€‰years: a realistic option in Australia?. Medical Journal of Australia, 2007, 187, 271-273.	1.7	31
51	PRELIMINARY TESTS OF A NEW REVERSIBLE MALE CONTRACEPTIVE IN BUSH DOG, SPEOTHOS VENATICUS: OPENâ€ENDED VASECTOMY AND MICROSCOPIC REVERSAL. Journal of Zoo and Wildlife Medicine, 2006, 37, 313-317.	0.6	8
52	Ovarian Transplantation between Monozygotic Twins Discordant for Premature Ovarian Failure. New England Journal of Medicine, 2005, 353, 58-63.	27.0	254
53	Testis Biopsy and the Infertile Male. , 2005, , 215-240.		2
54	A family of human Y chromosomes has dispersed throughout northern Eurasia despite a 1.8-Mb deletion in the azoospermia factor c region. Genomics, 2004, 83, 1046-1052.	2.9	196

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55	Microscopic Vasectomy Reversal 30 Years Later: A Summary of 4010 Cases by the Same Surgeon. Journal of Andrology, 2004, 25, 845-859.	2.0	87
56	Environmental versus genetic sex determination: a possible factor in dinosaur extinction?. Fertility and Sterility, 2004, 81, 954-964.	1.0	55
57	Genetics of Male Infertility: Evolution of the X and Y Chromosome and Transmission of Male Infertility to Future Generations. , 2004, , 111-149.		0
58	Chromosomal abnormalities in embryos derived from testicular sperm extraction. Fertility and Sterility, 2003, 79, 30-38.	1.0	162
59	Transmission of male infertility to future generations: lessons from the Y chromosome. Human Reproduction Update, 2002, 8, 217-229.	10.8	82
60	Clinical characterization of 42 oligospermic or azoospermic men with microdeletion of the AZFc region of the Y chromosome, and of 18 children conceived via ICSI. Human Reproduction, 2002, 17, 2813-2824.	0.9	259
61	Recombination between Palindromes P5 and P1 on the Human Y Chromosome Causes Massive Deletions and Spermatogenic Failure. American Journal of Human Genetics, 2002, 71, 906-922.	6.2	410
62	Intra-cytoplasmic sperm injection and infertility. Nature Genetics, 2001, 29, 131-131.	21.4	26
63	The AZFc region of the Y chromosome features massive palindromes and uniform recurrent deletions in infertile men. Nature Genetics, 2001, 29, 279-286.	21.4	617
64	The varicocele dilemma. Human Reproduction Update, 2001, 7, 70-77.	10.8	45
65	Evaluation and Treatment of Male Infertility. Clinical Obstetrics and Gynecology, 2000, 43, 854-888.	1.1	40
66	New concepts in operative andrology: a review*. Journal of Developmental and Physical Disabilities, 2000, 23, 66-76.	3.6	8
67	Round spermatid injection. Fertility and Sterility, 2000, 73, 897-900.	1.0	31
68	Men with infertility caused by AZFc deletion can produce sons by intracytoplasmic sperm injection, but are likely to transmit the deletion and infertility. Human Reproduction, 1999, 14, 1722-1726.	0.9	214
69	An azoospermic man with a de novo point mutation in the Y-chromosomal gene USP9Y. Nature Genetics, 1999, 23, 429-432.	21.4	345
70	EDITORIAL: THE CURE AND PROLIFERATION OF MALE INFERTILITY. Journal of Urology, 1998, 160, 2072-2073.	0.4	14
71	Normal pregnancies resulting from testicular sperm extraction and intracytoplasmic sperm injection for azoospermia due to maturation arrest. Fertility and Sterility, 1996, 66, 110-117.	1.0	207
72	Genetics: The use of epididymal and testicular spermatozoa for intracytoplasmic sperm injection: the genetic implications for male infertility. Human Reproduction, 1995, 10, 2031-2043.	0.9	230

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73	Fertilization and early embryology: Ongoing pregnancies and birth after intracytoplasmic sperm injection with frozenâ€"thawed epididymal spermatozoa. Human Reproduction, 1995, 10, 903-906.	0.9	128
74	Sertoli cell only revisited. Human Reproduction, 1995, 10, 1031-1032.	0.9	124
75	Diverse spermatogenic defects in humans caused by Y chromosome deletions encompassing a novel RNAâ€"binding protein gene. Nature Genetics, 1995, 10, 383-393.	21.4	1,183
76	Andrology: Conventional in-vitro fertilization versus intracytoplasmic sperm injection for patients requiring microsurgical sperm aspiration. Human Reproduction, 1994, 9, 1705-1709.	0.9	367
77	Normal fertilization of human oocytes after testicular sperm extraction and intracytoplasmic sperm injection. Fertility and Sterility, 1994, 62, 639-641.	1.0	298
78	Andrology: Cystic fibrosis mutations impair the fertilization rate of epididymal sperm from men with congenital absence of the vas deferens. Human Reproduction, 1993, 8, 1259-1263.	0.9	56
79	Ultrastructure of human sperm in men with congenital absence of the vas deferens: clinical implications. Fertility and Sterility, 1992, 58, 190-193.	1.0	11
80	Quantitative evaluation of spermatogenesis by testicular histology in men with congenital absence of the vas deferens undergoing epididymal sperm aspiration. Human Reproduction, 1990, 5, 89-93.	0.9	43
81	Congenital Absence of the Vas Deferens. New England Journal of Medicine, 1990, 323, 1788-1792.	27.0	226
82	Results of microsurgical vasoepididymostomy: role of epididymis in sperm maturation. Human Reproduction, 1989, 4, 298-303.	0.9	106
83	Pregnancy after vasovasostomy for vasectomy reversal: a study of factors affecting long-term return of fertility in 282 patients followed for 10 years. Human Reproduction, 1989, 4, 318-322.	0.9	98
84	Pregnancy caused by sperm from vasa efferentia. Fertility and Sterility, 1988, 49, 373-375.	1.0	80
85	Pregnancy with sperm aspiration from the proximal head of the epididymis: A new treatment for congenital absence of the vas deferens. Fertility and Sterility, 1988, 50, 525-528.	1.0	207
86	Quantitative analysis of testicle biopsy: determination of partial obstruction and prediction of sperm count after surgery for obstruction. Fertility and Sterility, 1981, 36, 480-485.	1.0	172
87	Vasoepididymostomy to the Head of the Epididymis: Recovery of Normal Spermatozoal Motility. Fertility and Sterility, 1980, 34, 149-153.	1.0	44
88	Ejaculatory Duct Obstruction. Journal of Urology, 1980, 124, 294-297.	0.4	65
89	Reversal of Vasectomy and the Treatment of Male Infertility. Journal of Andrology, 1980, 1, 261-268.	2.0	11
90	Epididymal Extravasation following Vasectomy as a cause for failure of Vasectomy Reversal. Fertility and Sterility, 1979, 31, 309-315.	1.0	123

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91	Microsurgical Aspects of Varicocele. Fertility and Sterility, 1979, 31, 230-232.	1.0	53
92	Open-Ended Vasectomy, Sperm Granuloma, and Postvasectomy Orchialgia. Fertility and Sterility, 1979, 32, 546-550.	1.0	109
93	Vasectomy and Vasectomy Reversal. Fertility and Sterility, 1978, 29, 125-140.	1.0	135
94	Microscopic Vasoepididymostomy: Specific Microanastomosis To The Epididymal Tubule. Fertility and Sterility, 1978, 30, 565-571.	1.0	186
95	Transplantation of a Human Testis for Anorchia. Fertility and Sterility, 1978, 30, 181-187.	1.0	76
96	Vasectomy and Its Microsurgical Reversal. Urologic Clinics of North America, 1978, 5, 573-584.	1.8	35
97	Microscopic Vasovasostomy and Spermatogenesis. Journal of Urology, 1977, 117, 299-302.	0.4	73
98	Perfect Anatomical Reconstruction of Vas Deferens with A New Microscopic Surgical Technique. Fertility and Sterility, 1977, 28, 72-77.	1.0	100
99	Microscopic Vasectomy Reversal. Fertility and Sterility, 1977, 28, 1191-1202.	1.0	190
100	Successful Autotransplantation of an Intra-Abdominal Testis to the Scrotum by Microvascular Technique. Journal of Urology, 1976, 115, 452-454.	0.4	141
101	Growth of Baby Kidneys Transplanted Into Adults. Archives of Surgery, 1976, 111, 75.	2.2	38
102	Microsurgery in clinical urology. Urology, 1975, 6, 150-153.	1.0	74
103	Compensatory and Obligatory Renal Growth in Babies and Adults. ANZ Journal of Surgery, 1974, 44, 421-423.	0.7	17
104	Pregnancy after ovarian transplantation. , 0, , 137-148.		0
105	Transplantation of ovarian tissue or immature oocytes to preserve and restore fertility in humans. , 0, , 430-442.		0
106	The Development of Microsurgery for Male and Female Infertility. , 0, , 208-213.		0