

# Sherman J Silber

## 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.

103 papers	9,142 citations	50 h-index	95 g-index
107 ext. papers	10,042 ext. citations	8 avg, IF	5.97 L-index

#	Paper	IF	Citations
103	Ovarian Tissue Cryopreservation and Transplantation: Scientific and Clinical Implications <b>2022</b> , 143-161		
102	Y chromosome microdeletions and ART <b>2021</b> , 598-605		
101	Fresh and cryopreserved ovarian tissue from deceased young donors yields viable follicles.. <i>F&amp;S Science</i> , <b>2021</b> , 2, 248-258	0.4	0
100	In-vitro maturation and transplantation of cryopreserved ovary tissue: understanding ovarian longevity.. <i>Reproductive BioMedicine Online</i> , <b>2021</b> ,	4	2
99	Evaluation of ovarian tissue transplantation: results from three clinical centers. <i>Fertility and Sterility</i> , <b>2020</b> , 114, 388-397	4.8	28
98	When "facts" are not facts: what does p value really mean, and how does it deceive us?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 1303-1310	3.4	0
97	Success rates in minimal stimulation cycle IVF with clomiphene citrate only. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 297-304	3.4	7
96	Apoptosis of mural granulosa cells is increased in women with diminished ovarian reserve. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2019</b> , 36, 1225-1235	3.4	32
95	Ovarian Tissue Cryopreservation and Transplantation <b>2019</b> , 81-88		1
94	Ovarian Tissue Cryopreservation <b>2019</b> , 713-720		
93	The varicocele argument resurfaces. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 1079-1082	3.4	6
92	Testis Development, Embryology, and Anatomy <b>2018</b> , 3-12		1
91	Azoospermia <b>2018</b> , 77-125		
90	Forty years of IVF. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 185-324.e5	4.8	108
89	Fundamentals of Male Infertility <b>2018</b> ,		1
88	Improving IVF Results: How Far Can We Tamper with Human Biology?. <i>Reproductive Medicine for Clinicians</i> , <b>2018</b> , 77-82		
87	Adult Testis Anatomy <b>2018</b> , 19-21		

86	Cryopreservation and transplantation of ovarian tissue: results from one center in the USA. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 2205-2213	3.4	48
85	Chapter 13 Human Ovarian Tissue Vitrification. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1568, 177-194	1.4	5
84	Intrinsic fertility of human oocytes. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 1232-1237	4.8	35
83	Unraveling transcriptome dynamics in human spermatogenesis. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 3659-3673	6.6	80
82	How ovarian transplantation works and how resting follicle recruitment occurs: a review of results reported from one center. <i>Women's Health</i> , <b>2016</b> , 12, 217-27	3	13
81	Ovarian tissue cryopreservation and transplantation: scientific implications. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2016</b> , 33, 1595-1603	3.4	81
80	Fresh and cryopreserved ovary transplantation and resting follicle recruitment. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 30, 643-50	4	58
79	Unifying theory of adult resting follicle recruitment and fetal oocyte arrest. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 31, 472-5	4	22
78	TEX11 is mutated in infertile men with azoospermia and regulates genome-wide recombination rates in mouse. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 1198-210	12	109
77	Live birth rates after MESA or TESE in men with obstructive azoospermia: is there a difference?. <i>Human Reproduction</i> , <b>2015</b> , 30, 761-6	5.7	38
76	Fertility preservation for age-related fertility decline. <i>Lancet, The</i> , <b>2014</b> , 384, 1311-9	40	150
75	Applying clinically proven human techniques for contraception and fertility to endangered species and zoo animals: a review. <i>Journal of Zoo and Wildlife Medicine</i> , <b>2013</b> , 44, S111-22	0.9	8
74	Oophorectomy for fertility preservation via reduced-port laparoscopic surgery. <i>Surgical Innovation</i> , <b>2013</b> , 20, 219-24	2	10
73	Long-term duration of function of ovarian tissue transplants: case reports. <i>Reproductive BioMedicine Online</i> , <b>2012</b> , 25, 128-32	4	89
72	Long-term function of ovarian tissue transplants. <i>Middle East Fertility Society Journal</i> , <b>2012</b> , 17, 215-220	1.4	6
71	Children born after autotransplantation of cryopreserved ovarian tissue. a review of 13 live births. <i>Annals of Medicine</i> , <b>2011</b> , 43, 437-50	1.5	272
70	Role of semen analysis in subfertile couples. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 1013-9	4.8	100
69	The Y chromosome in the era of intracytoplasmic sperm injection: a personal review. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 2439-48.e1-5	4.8	31

68	Human male infertility, the Y chromosome, and dinosaur extinction. <i>Middle East Fertility Society Journal</i> , <b>2011</b> , 16, 114-120	1.4	1
67	Unexpected resilience of species with temperature-dependent sex determination at the Cretaceous-Palaeogene boundary. <i>Biology Letters</i> , <b>2011</b> , 7, 295-8	3.6	17
66	Sperm retrieval for azoospermia and intracytoplasmic sperm injection success rates--a personal overview. <i>Human Fertility</i> , <b>2010</b> , 13, 247-56	1.9	11
65	Duration of fertility after fresh and frozen ovary transplantation. <i>Fertility and Sterility</i> , <b>2010</b> , 94, 2191-6	4.8	193
64	Minimal ovarian stimulation (mini-IVF) for IVF utilizing vitrification and cryopreserved embryo transfer. <i>Reproductive BioMedicine Online</i> , <b>2010</b> , 21, 485-95	4	61
63	To transplant or not to transplant - that is the question. <i>Cancer Treatment and Research</i> , <b>2010</b> , 156, 41-54	5.5	7
62	Fresh ovarian tissue and whole ovary transplantation. <i>Seminars in Reproductive Medicine</i> , <b>2009</b> , 27, 479-85	5.4	24
61	Oocyte vitrification--women's emancipation set in stone. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 1319-20	4.8	72
60	Isodicentric Y chromosomes and sex disorders as byproducts of homologous recombination that maintains palindromes. <i>Cell</i> , <b>2009</b> , 138, 855-69	56.2	182
59	Successful vitrification of bovine and human ovarian tissue. <i>Reproductive BioMedicine Online</i> , <b>2009</b> , 18, 568-77	4	185
58	Successful pregnancy after microsurgical transplantation of an intact ovary. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 2617-8	59.2	129
57	Long-term economic benefits attributed to IVF-conceived children: a lifetime tax calculation. <i>American Journal of Managed Care</i> , <b>2008</b> , 14, 598-604	2.1	22
56	Ovarian transplantation in a series of monozygotic twins discordant for ovarian failure. <i>New England Journal of Medicine</i> , <b>2007</b> , 356, 1382-4	59.2	99
55	Production of the first offspring from oocytes derived from fresh and cryopreserved pre-antral follicles of adult mice. <i>Reproductive BioMedicine Online</i> , <b>2007</b> , 14, 693-9	4	47
54	Live birth following day surgery reversal of female sterilisation in women older than 40 years: a realistic option in Australia?. <i>Medical Journal of Australia</i> , <b>2007</b> , 187, 271-3	4	27
53	Preliminary tests of a new reversible male contraceptive in bush dog, <i>Speothos venaticus</i> : open-ended vasectomy and microscopic reversal. <i>Journal of Zoo and Wildlife Medicine</i> , <b>2006</b> , 37, 313-7	0.9	3
52	Ovarian transplantation between monozygotic twins discordant for premature ovarian failure. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 58-63	59.2	216
51	Testis Biopsy and the Infertile Male <b>2005</b> , 215-240		2

50	A family of human Y chromosomes has dispersed throughout northern Eurasia despite a 1.8-Mb deletion in the azoospermia factor c region. <i>Genomics</i> , <b>2004</b> , 83, 1046-52	4.3	166
49	Microscopic vasectomy reversal 30 years later: a summary of 4010 cases by the same surgeon. <i>Journal of Andrology</i> , <b>2004</b> , 25, 845-59		76
48	Environmental versus genetic sex determination: a possible factor in dinosaur extinction?. <i>Fertility and Sterility</i> , <b>2004</b> , 81, 954-64	4.8	45
47	Genetics of Male Infertility: Evolution of the X and Y Chromosome and Transmission of Male Infertility to Future Generations <b>2004</b> , 111-149		
46	Chromosomal abnormalities in embryos derived from testicular sperm extraction. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 30-8	4.8	147
45	Transmission of male infertility to future generations: lessons from the Y chromosome. <i>Human Reproduction Update</i> , <b>2002</b> , 8, 217-29	15.8	69
44	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. <i>Human Reproduction</i> , <b>2002</b> , 17, 2813-24	5.7	211
43	Recombination between palindromes P5 and P1 on the human Y chromosome causes massive deletions and spermatogenic failure. <i>American Journal of Human Genetics</i> , <b>2002</b> , 71, 906-22	11	351
42	Intra-cytoplasmic sperm injection and infertility. <i>Nature Genetics</i> , <b>2001</b> , 29, 131	36.3	19
41	The AZFc region of the Y chromosome features massive palindromes and uniform recurrent deletions in infertile men. <i>Nature Genetics</i> , <b>2001</b> , 29, 279-86	36.3	519
40	The varicocele dilemma. <i>Human Reproduction Update</i> , <b>2001</b> , 7, 70-7	15.8	35
39	Evaluation and treatment of male infertility. <i>Clinical Obstetrics and Gynecology</i> , <b>2000</b> , 43, 854-88	1.7	34
38	New concepts in operative andrology: a review. <i>Journal of Developmental and Physical Disabilities</i> , <b>2000</b> , 23 Suppl 2, 66-76		7
37	Men with infertility caused by AZFc deletion can produce sons by intracytoplasmic sperm injection, but are likely to transmit the deletion and infertility. <i>Human Reproduction</i> , <b>1999</b> , 14, 1722-6	5.7	185
36	An azoospermic man with a de novo point mutation in the Y-chromosomal gene USP9Y. <i>Nature Genetics</i> , <b>1999</b> , 23, 429-32	36.3	299
35	Normal pregnancies resulting from testicular sperm extraction and intracytoplasmic sperm injection for azoospermia due to maturation arrest. <i>Fertility and Sterility</i> , <b>1996</b> , 66, 110-7	4.8	171
34	Diverse spermatogenic defects in humans caused by Y chromosome deletions encompassing a novel RNA-binding protein gene. <i>Nature Genetics</i> , <b>1995</b> , 10, 383-93	36.3	1035
33	The use of epididymal and testicular spermatozoa for intracytoplasmic sperm injection: the genetic implications for male infertility. <i>Human Reproduction</i> , <b>1995</b> , 10, 2031-43	5.7	200

32	Ongoing pregnancies and birth after intracytoplasmic sperm injection with frozen-thawed epididymal spermatozoa. <i>Human Reproduction</i> , <b>1995</b> , 10, 903-6	5.7	104
31	Conventional in-vitro fertilization versus intracytoplasmic sperm injection for patients requiring microsurgical sperm aspiration. <i>Human Reproduction</i> , <b>1994</b> , 9, 1705-9	5.7	305
30	Normal fertilization of human oocytes after testicular sperm extraction and intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , <b>1994</b> , 62, 639-41	4.8	261
29	Cystic fibrosis mutations impair the fertilization rate of epididymal sperm from men with congenital absence of the vas deferens. <i>Human Reproduction</i> , <b>1993</b> , 8, 1259-63	5.7	50
28	Ultrastructure of human sperm in men with congenital absence of the vas deferens: clinical implications. <i>Fertility and Sterility</i> , <b>1992</b> , 58, 190-3	4.8	10
27	Quantitative evaluation of spermatogenesis by testicular histology in men with congenital absence of the vas deferens undergoing epididymal sperm aspiration. <i>Human Reproduction</i> , <b>1990</b> , 5, 89-93	5.7	40
26	Congenital absence of the vas deferens. The fertilizing capacity of human epididymal sperm. <i>New England Journal of Medicine</i> , <b>1990</b> , 323, 1788-92	59.2	195
25	Results of microsurgical vasoepididymostomy: role of epididymis in sperm maturation. <i>Human Reproduction</i> , <b>1989</b> , 4, 298-303	5.7	86
24	Pregnancy after vasovasostomy for vasectomy reversal: a study of factors affecting long-term return of fertility in 282 patients followed for 10 years. <i>Human Reproduction</i> , <b>1989</b> , 4, 318-22	5.7	72
23	Pregnancy caused by sperm from vasa efferentia. <i>Fertility and Sterility</i> , <b>1988</b> , 49, 373-5	4.8	69
22	Pregnancy with sperm aspiration from the proximal head of the epididymis: a new treatment for congenital absence of the vas deferens. <i>Fertility and Sterility</i> , <b>1988</b> , 50, 525-8	4.8	173
21	Quantitative analysis of testicle biopsy: determination of partial obstruction and prediction of sperm count after surgery for obstruction. <i>Fertility and Sterility</i> , <b>1981</b> , 36, 480-5	4.8	146
20	Vasoepididymostomy to the Head of the Epididymis: Recovery of Normal Spermatozoal Motility**Presented at the Thirty-Sixth Annual Meeting of The American Fertility Society, March 18 to 22, 1980, Houston, Texas.. <i>Fertility and Sterility</i> , <b>1980</b> , 34, 149-153	4.8	41
19	Ejaculatory duct obstruction. <i>Journal of Urology</i> , <b>1980</b> , 124, 294-7	2.5	58
18	Reversal of Vasectomy and the Treatment of Male Infertility. <i>Journal of Andrology</i> , <b>1980</b> , 1, 261-268		10
17	Epididymal extravasation following vasectomy as a cause for failure of vasectomy reversal. <i>Fertility and Sterility</i> , <b>1979</b> , 31, 309-15	4.8	103
16	Microsurgical aspects of varicocele. <i>Fertility and Sterility</i> , <b>1979</b> , 31, 230-2	4.8	44
15	Open-ended vasectomy, sperm granuloma, and postvasectomy orchialgia. <i>Fertility and Sterility</i> , <b>1979</b> , 32, 546-50	4.8	94

14	Vasectomy and vasectomy reversal. <i>Fertility and Sterility</i> , <b>1978</b> , 29, 125-40	4.8	115
13	Microscopic Vasoepididymostomy: Specific Microanastomosis To The Epididymal Tubule**Presented at the annual meeting of The American Society of Andrology, March 24, 1978, Nashville, Tenn.. <i>Fertility and Sterility</i> , <b>1978</b> , 30, 565-571	4.8	164
12	Transplantation of a Human Testis for Anorchia**Presented in part at the American College of Surgeons, October 18, 1977, Dallas, Tex.. <i>Fertility and Sterility</i> , <b>1978</b> , 30, 181-187	4.8	62
11	Vasectomy and Its Microsurgical Reversal. <i>Urologic Clinics of North America</i> , <b>1978</b> , 5, 573-584	2.9	29
10	Microscopic vasovasostomy and spermatogenesis. <i>Journal of Urology</i> , <b>1977</b> , 117, 299-302	2.5	64
9	Perfect Anatomical Reconstruction of Vas Deferens with A New Microscopic Surgical Technique**Presented at the Thirty-Second Annual Meeting of The American Fertility Society, April 5 to 9, 1976, Las Vegas, Nev.. <i>Fertility and Sterility</i> , <b>1977</b> , 28, 72-77	4.8	83
8	Microscopic Vasectomy Reversal**Presented in part at the Ninth World Congress on Fertility and Sterility and the Thirty-Third Annual Meeting of The American Fertility Society, April 12 to 16, 1977, Miami Beach, Fla.. <i>Fertility and Sterility</i> , <b>1977</b> , 28, 1191-1202	4.8	162
7	Successful autotransplantation of an intra-abdominal testis to the scrotum by microvascular technique. <i>Journal of Urology</i> , <b>1976</b> , 115, 452-4	2.5	124
6	Growth of baby kidneys transplanted into adults. <i>Archives of Surgery</i> , <b>1976</b> , 111, 75-7		33
5	Microsurgery in clinical urology. <i>Urology</i> , <b>1975</b> , 6, 150-3	1.6	68
4	Compensatory and obligatory renal growth in babies and adults. <i>ANZ Journal of Surgery</i> , <b>1974</b> , 44, 421-31		16
3	The Development of Microsurgery for Male and Female Infertility208-213		
2	Transplantation of ovarian tissue or immature oocytes to preserve and restore fertility in humans430-442		
1	Pregnancy after ovarian transplantation137-148		