

CITATION REPORT

List of articles citing

Predictive value of abnormal sperm morphology in in vitro fertilization

DOI: 10.1016/s0015-0282(16)59660-5
Fertility and Sterility, 1988, 49, 112-7.

Source: <https://exaly.com/paper-pdf/20101390/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1023	Semen: analysis and processing. 121-133		
1022	Failure of fertilization in in vitro fertilization: the "occult" male factor. 1988 , 5, 181-7		56
1021	Correlation between sperm morphology, acrosin, and fertilization in an IVF program. 1988 , 20, 237-41		28
1020	Corrective measures and pregnancy outcome in in vitro fertilization in patients with severe sperm morphology abnormalities. <i>Fertility and Sterility</i> , 1988 , 50, 283-7	4.8	182
1019	Modern Assessment of Semen for Diagnostic Purposes. 1988 , 6, 323-337		13
1018	The proportion of human sperm with poor morphology but normal intact acrosomes detected with <i>Pisum sativum</i> agglutinin correlates with fertilization in vitro. <i>Fertility and Sterility</i> , 1988 , 50, 288-93	4.8	113
1017	The hemizona assay (HZA): development of a diagnostic test for the binding of human spermatozoa to the human hemizona pellucida to predict fertilization potential**Supported in part by a research grant from Serono Laboratories, Inc., Randolph, Massachusetts.▮Presented in part at the Fifth World Congress on In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 5 to 10, 1987,	4.8	362
1016	A human sperm-zona pellucida binding test using oocytes that failed to fertilize in vitro. <i>Fertility and Sterility</i> , 1988 , 50, 782-8 <i>Fertility and Sterility</i> , 1988, 49, 688-697	4.8	145
1015	Usefulness of sperm penetration assay in fertility predictions. 1989 , 23, 207-12		12
1014	Critical assessment of sperm morphology before and after double wash swim-up preparation for in vitro fertilization. 1989 , 23, 125-9		12
1013	Hemizona assay using salt-stored human oocytes: evaluation of zona pellucida capacity for binding human spermatozoa. 1989 , 22, 15-26		77
1012	Predictive value of sperm morphology and movement characteristics in the outcome of in vitro fertilization of human oocytes. 1989 , 6, 142-8		54
1011	The hemizona assay (HZA): a predictor of human sperm fertilizing potential in in vitro fertilization (IVF) treatment. 1989 , 6, 44-50		97
1010	Choice, Gift, or Patriarchal Bargain? Women's Consent to In Vitro Fertilization in Male Infertility. 1989 , 4, 23-36		37
1009	Hypoosmotic swelling test in the prediction of male fertility. 1989 , 23, 131-8		19
1008	Delayed fertilization during in vitro fertilization and embryo transfer cycles: analysis of causes and impact on overall results. <i>Fertility and Sterility</i> , 1989 , 52, 991-7	4.8	32
1007	Interrelationships among semen characteristics, antisperm antibodies, and cervical mucus penetration assays in infertile human couples. <i>Fertility and Sterility</i> , 1989 , 51, 486-92	4.8	58

1006	Clinical significance of crossed in vitro sperm-cervical mucus penetration test in infertility investigation. <i>Fertility and Sterility</i> , 1989 , 52, 1032-40	4.8	50
1005	Hemizona assay: assessment of sperm dysfunction and prediction of in vitro fertilization outcome. <i>Fertility and Sterility</i> , 1989 , 51, 665-70	4.8	111
1004	A sperm-zona pellucida binding test and in vitro fertilization. <i>Fertility and Sterility</i> , 1989 , 52, 281-7	4.8	94
1003	Unexplained infertility: evaluation of treatment with clomiphene citrate and human chorionic gonadotropin. <i>Fertility and Sterility</i> , 1989 , 51, 828-33	4.8	78
1002	The importance of egg and sperm factors in predicting the likelihood of pregnancy from gamete intrafallopian transfer. <i>Fertility and Sterility</i> , 1989 , 52, 795-800	4.8	13
1001	New tests of human sperm function and fertilization in vitro. 1989 , 1, 179-82		3
1000	Human sperm-zona pellucida binding, sperm characteristics and in-vitro fertilization. <i>Human Reproduction</i> , 1989 , 4, 696-701	5.7	60
999	Relationships between human sperm acrosin, acrosomes, morphology and fertilization in vitro. <i>Human Reproduction</i> , 1990 , 5, 298-303	5.7	49
998	Effect of sperm morphology and motile sperm count on outcome of intrauterine insemination in oligozoospermia and/or asthenozoospermia**Supported by Ministero della Pubblica Istruzione, Rome, Italy.▯Presented in part at the IVth International Congress of Andrology, Florence, Italy, May 14 to 18, 1989.. <i>Fertility and Sterility</i> , 1990 , 53, 892-897	4.8	69
997	The predictive value of zona-free hamster egg sperm penetration assay for failure of human in vitro fertilization and subsequent successful zona drilling. <i>Fertility and Sterility</i> , 1990 , 53, 1055-9	4.8	14
996	Antagonistic and agonistic properties of saccharide moieties in the hemizona assay**This work was supported by the Contraceptive Research and Development Program (CONRAD), Eastern Virginia Medical School, under a Cooperative Agreement with the United States Agency for International Development (A.I.D.) (DPE-2044-A-00-6063-00). The views expressed by the author do not	4.8	52
995	Hemizona assay and teratozoospermia: increasing sperm insemination concentrations to enhance zona pellucida binding. <i>Fertility and Sterility</i> , 1990 , 54, 497-503	4.8	52
994	The evaluation of morphological characteristics of human spermatozoa according to stricter criteria. <i>Human Reproduction</i> , 1990 , 5, 586-92	5.7	555
993	The Impact of In Vitro Fertilization on Male Infertility. 1990 , 8, 281-289		
992	Treatment of male sperm autoimmunity by using the gamete intrafallopian transfer procedure with washed spermatozoa. <i>Fertility and Sterility</i> , 1990 , 53, 682-7	4.8	36
991	Fertilization failure in IVF: why and what next?. <i>Human Reproduction</i> , 1990 , 5, 451-6	5.7	53
990	Value of sperm characteristics and the result of in-vitro fertilization for predicting the outcome of assisted reproduction. 1990 , 13, 59-66		31
989	Aniline blue staining as a marker of sperm chromatin defects associated with different semen characteristics discriminates between proven fertile and suspected infertile men. 1990 , 13, 452-62		133

988	The relationship between sperm parameters and fertilizing capacity in vitro: a predictive role for swim-up migration. 1990 , 7, 38-44		18
987	Hypoosmotic swelling test of sperm. 1990 , 25, 225-42		15
986	Recurrent failure of in vitro fertilization: role of the hemizona assay in the sequential diagnosis of specific sperm-oocyte defects. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 164, 1210-5	6.4	74
985	Retrograde ejaculation and pronuclear stage tubal transfer (PROST). 1991 , 26, 21-4		3
984	Nature of the inhibitory effect of complex saccharide moieties on the tight binding of human spermatozoa to the human zona pellucida**This work was supported by the Contraceptive Research and Development Program (CONRAD), Eastern Virginia Medical School, under a cooperative agreement with the United States Agency for International Development (AID) (DPE	4.8	50
983	Partial zona dissection or subzonal sperm insertion: microsurgical fertilization alternatives based on evaluation of sperm and embryo morphology. <i>Fertility and Sterility</i> , 1991 , 56, 696-706, 55, 165-169	4.8	112
982	Delayed fertilization and poor embryonic development associated with impaired semen quality. <i>Fertility and Sterility</i> , 1991 , 55, 338-44	4.8	95
981	Defining the valid hemizona assay: accounting for binding variability within zonae pellucidae and within semen samples from fertile males**Supported in part by the Contraceptive Research and Development Program (CONRAD), Eastern Virginia Medical School, under a Cooperative	4.8	35
980	Computer-assisted assessment of human sperm morphology: comparison with visual assessment*†Supported by grants 336.041.0020 and 336.043.0022 from the University of Hong Kong, Hong Kong.‡Presented in part at the American Society of Andrology, Montreal, Quebec, Canada, April 28 to 30, 1991.. <i>Fertility and Sterility</i> , 1991 , 55, 983-988	4.8	39
979	Computer-assisted assessment of human sperm morphology: usefulness in predicting fertilizing capacity of human spermatozoa. <i>Fertility and Sterility</i> , 1991 , 55, 989-93	4.8	24
978	Use of aniline blue to assess chromatin condensation in morphologically normal spermatozoa in normal and infertile men. <i>Human Reproduction</i> , 1991 , 6, 979-82	5.7	85
977	Microsurgical fertilization and teratozoospermia. <i>Human Reproduction</i> , 1991 , 6, 118-23	5.7	72
976	Sperm morphological assessment based on strict criteria and in-vitro fertilization outcome. <i>Human Reproduction</i> , 1991 , 6, 983-6	5.7	56
975	A Comparative Overview of Mammalian Fertilization. 1991 ,		17
974	Effect of time interval between ejaculations on semen parameters. 1991 , 27, 93-5		12
973	Adverse effect of clomiphene citrate on sperm morphology. 1991 , 27, 109-11		4
972	Hemizona assay: sperm defect analysis, a diagnostic method for assessment of human sperm-oocyte interactions, and predictive value for fertilization outcome. 1991 , 626, 111-24		8
971	Effect of lead and organophosphates on sperm morphology. 1991 , 26, 67-70		6

970	Coagulation and fibrinolysis markers in seminal plasma of patients under evaluation for involuntary childlessness. 1992 , 30, 467-71		1
969	Ultrastructural parameters of fertile cryopreserved human sperm. 1992 , 29, 151-6		3
968	Standard sperm morphology as a predictor of male fertility potential. 1992 , 28, 39-41		17
967	Antigenic differences in human sperm samples related to various morphological abnormalities. 1992 , 29, 117-26		2
966	Adenosine triphosphate in semen and other sperm characteristics: their relevance for fertility prediction in men with normal sperm concentration**Supported by the Special Programme of Research, Development and Research Training in Human Reproduction, World Health Organization, Geneva, Switzerland.. <i>Fertility and Sterility</i> , 1992 , 57, 877-881	4.8	9
965	Tests of human sperm function and fertilization in vitro. <i>Fertility and Sterility</i> , 1992 , 58, 465-83	4.8	189
964	The relationship between sperm ultrastructural features and fertilizing capacity in vitro. <i>Fertility and Sterility</i> , 1992 , 57, 1052-7	4.8	51
963	The role of oocyte maturity in the treatment of infertility because of teratozoospermia and normozoospermia with gamete intrafallopian transfer. <i>Fertility and Sterility</i> , 1992 , 58, 581-6	4.8	16
962	Sperm nuclear chromatin normality: relationship with sperm morphology, sperm-zona pellucida binding, and fertilization rates in vitro. <i>Fertility and Sterility</i> , 1992 , 58, 1178-84	4.8	104
961	Diagnostic significance of sperm-zona pellucida interaction. 1992 , 1, 57-81		18
960	IVF and male infertility. 1992 , 1, 151-164		1
959	Interdependent influence of follicular fluid oestradiol concentration and motility characteristics of spermatozoa on in-vitro fertilization results. <i>Human Reproduction</i> , 1992 , 7, 665-70	5.7	15
958	The Acridine Orange test: determining the relationship between sperm morphology and fertilization in vitro. <i>Human Reproduction</i> , 1992 , 7, 242-7	5.7	51
957	Comparison of Percoll, mini-Percoll and swim-up methods for sperm preparation from abnormal semen samples. <i>Human Reproduction</i> , 1992 , 7, 261-6	5.7	108
956	Male factor as determinant of in-vitro fertilization outcome. <i>Human Reproduction</i> , 1992 , 7, 1136-40	5.7	49
955	Unexplained in-vitro fertilization failure: implication of acrosomes with a small reacting region, as revealed by a monoclonal antibody. <i>Human Reproduction</i> , 1992 , 7, 1249-56	5.7	13
954	Accuracy and precision of the CellForm-Human**CellForm-Human automated sperm morphometry instrument (Motion Analysis Corp., Santa Rosa, California). automated sperm morphometry instrument***Presented at the 17th Annual Meeting of the American Society of Andrology, Bethesda, Maryland, March 27 to 30, 1992.Supported, in part, by grant RO1-HD25907 from the National Institutes of Health, Bethesda, Maryland.. <i>Fertility and Sterility</i> , 1992 , 58, 763-769	4.8	61
953	Evaluation of sperm morphology using Kruger's strict criteria. 1992 , 28, 15-7		35

952	Prediction of fertilization in vitro with human gametes: is there a litmus test?. <i>American Journal of Obstetrics and Gynecology</i> , 1992 , 167, 1760-7	6.4	54
951	Evaluation of testicular function. 1992 , 6, 405-34		6
950	Use of the Laboratory in Infertility and Recurrent Spontaneous Miscarriage. 1992 , 12, 393-410		2
949	Subzonal sperm insertion and the frequency of gamete fusion. 1992 , 9, 97-101		13
948	Microsurgical fertilization procedures: the absence of stringent criteria for patient selection. 1992 , 9, 197-206		44
947	Comparison between the hypoosmotic swelling test and morphology evaluation using strict criteria in predicting in vitro fertilization (IVF). 1992 , 9, 259-64		17
946	In vitro DNA fluorescence after in vitro fertilization (IVF) failure. 1992 , 9, 564-71		9
945	Traitements de l'infertilité masculine par les techniques de micromanipulations ovocytaires: Revue de la littérature. 1992 , 2, 61-67		
944	Subnormal sperm parameters in conventional semen analysis are associated with discrepancies between fertilization and pregnancy rates in in-vitro fertilization and embryo transfer. 1992 , 15, 485-97		19
943	Comparative trial of clomiphene citrate/human menopausal gonadotropin and the contraceptive pill, followed by clomiphene citrate/human menopausal gonadotropin, in a gamete intrafallopian transfer program. 1993 , 10, 141-4		
942	Review: microinjection of human sperm directly into human oocytes. 1993 , 10, 337-52		14
941	Effects of four methods of sperm preparation on the motile concentration, morphology, and acrosome status of recovered sperm from normal semen samples. 1993 , 10, 409-16		12
940	Influence of three different preparation techniques on the results of human sperm morphology analysis. 1993 , 16, 362-9		27
939	The specificity of human spermatozoa/zona pellucida interaction under hemizona assay conditions. 1993 , 35, 57-61		30
938	Effect of semen characteristics on pregnancy rate in a gamete intrafallopian transfer program. 1993 , 31, 127-31		2
937	Activation of circulating gamma delta T-lymphocytes by autologous sperm from men sensitized to sperm. 1993 , 25, 265-75		6
936	Metachromatic staining of human sperm nuclei after reduction of disulphide bonds. 1993 , 94, 141-9		26
935	Non-disjunction in human sperm: results of fluorescence in situ hybridization studies using two and three probes. 1993 , 2, 1929-36		121

934	Hypoosmotic swelling: evaluation of sperm tails using strict criteria in cases of globozoospermia. 1993 , 30, 125-8		3
933	Chemical composition and protein source in the capacitation medium significantly affect the ability of human spermatozoa to undergo follicular fluid induced acrosome reaction. <i>Human Reproduction</i> , 1993 , 8, 575-80	5.7	14
932	Fertilization potential in vitro is correlated with head-specific mannose-ligand receptor expression, acrosome status and membrane cholesterol content. <i>Human Reproduction</i> , 1993 , 8, 2155-66	5.7	78
931	A new computerized method of reading sperm morphology (strict criteria) is as efficient as technician reading. <i>Fertility and Sterility</i> , 1993 , 59, 202-9	4.8	106
930	Human sperm fertilizing potential in vitro is correlated with differential expression of a head-specific mannose-ligand receptor**Supported in part by grant RR05924 from the National Center for Research Resources Biomedical Research Support Program, National Institutes of Health, Bethesda, Maryland. Presented in part at the 39th Annual Meeting of the Society for Gynecologic Investigation, San Antonio, Texas, March 18 to 21, 1992.	4.8	98
929	Prediction of in vitro fertilization rates from semen variables. <i>Fertility and Sterility</i> , 1993 , 59, 1233-8	4.8	48
928	Two years of assisted fertilization by partial zona dissection in male factor infertility patients. <i>Fertility and Sterility</i> , 1993 , 60, 105-9	4.8	13
927	Influence of sperm parameters on embryo quality. <i>Fertility and Sterility</i> , 1993 , 60, 888-92	4.8	123
926	The hemizona assay: its role in identifying male factor infertility in assisted reproduction. <i>Fertility and Sterility</i> , 1993 , 59, 1075-80	4.8	46
925	Subzonal insemination: a prospective randomized study in patients with abnormal sperm morphology. <i>Fertility and Sterility</i> , 1993 , 60, 307-13	4.8	18
924	Standardization of specimen preparation, staining, and sampling methods improves automated sperm-head morphometry analysis. <i>Fertility and Sterility</i> , 1993 , 59, 412-7	4.8	85
923	The ability of the hemizona assay to predict human fertilization in different and consecutive in-vitro fertilization cycles. <i>Human Reproduction</i> , 1993 , 8, 1240-4	5.7	60
922	Sperm/egg binding patterns and oocyte cytology in retrospective analysis of fertilization failure in vitro. <i>Human Reproduction</i> , 1993 , 8, 453-63	5.7	73
921	Bioassays of Sperm Function. 1993 , 11, 1-16		3
920	Sperm Morphology: Does It Have Predictive Value for In Vitro Fertilization?. 1993 , 11, 17-26		
919	Assisted Fertilization and Abnormal Sperm Function. 1993 , 11, 83-94		4
918	Acrosome reactivity in spermatozoa of different morphology in response to stimulation with follicular fluid. <i>Human Reproduction</i> , 1993 , 8, 412-5	5.7	1
917	Clinical male infertility. I. Prevalence of and progress in understanding male infertility. 1994 , 6, 3-8		5

916	Impact of cryopreservation on spermatozoa from infertile men: implications for artificial insemination. 1994 , 33, 51-7		34
915	Microsurgical fertilization: world survey, 1993. 1994 , 11, 5-13		5
914	Minimal stimulation with simplified monitoring for in vitro fertilization. 1994 , 11, 353-8		4
913	Vitamin supplements improve the fertility potential of a subfertile male with macrocytic anemia--a case study. 1994 , 11, 375-8		1
912	Numerical chromosome abnormalities in spermatozoa of fertile and infertile men detected by fluorescence in situ hybridization. 1994 , 93, 502-6		60
911	Automated analysis of toxicant-induced changes in rat sperm head morphometry. 1994 , 8, 521-9		27
910	Morphometric analysis of human sperm morphology. 1994 , 17, 248-55		32
909	Sperm function and its manipulation for microassisted fertilization. 1994 , 8, 43-64		16
908	Pathogenesis and management of male infertility. 1994 , 343, 1473-9		146
907	Evidence for a strong paternal effect on human preimplantation embryo development and blastocyst formation. 1994 , 38, 36-42		228
906	Microassisted fertilization in assisted conception: indications and patient impact. 1994 , 8, 127-40		1
905	Functional competence of abnormal spermatozoa. 1994 , 8, 141-56		18
904	Microsurgical fertilization: world survey 1993. 1994 , 8, 197-203		
903	Laboratory standards in routine clinical andrology. 1994 , 3, 97-111		22
902	Sperm morphology and recurrent abortion**Supported by grants HD00815 and HD23547 from the National Institutes of Health, Bethesda, Maryland, and the Fearing Research Laboratory Endowment, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts.††Presented in part at the 48th Annual Meeting, The American Fertility Society, New Orleans, Louisiana, October 31 to November 5, 1992. <i>Fertility and Sterility</i> , 1994, 61, 176-178	4.8	38
901	Fertilization efficiency of morphologically abnormal spermatozoa in assisted reproduction is further impaired by antisperm antibodies on the male partner's sperm. <i>Fertility and Sterility</i> , 1994 , 62, 826-33	4.8	42
900	The role of sperm creatine kinase in the assessment of male fertility. 1994 , 3, 179-197		4
899	Evaluation of different sperm function tests as screening methods for male fertilization potential--the value of the sperm migration test. <i>Fertility and Sterility</i> , 1994 , 62, 591-8	4.8	83

898	Micromanipulating human gametes. 1994 , 6, 69-81; discussion 81-3		6
897	Pentoxifylline potentiates ionophore (A23187) mediated acrosome reaction in human sperm: flow cytometric analysis using CD46 antibody. <i>Human Reproduction</i> , 1994 , 9, 71-6	5.7	10
896	Acrosome reaction inducibility predicts fertilization success at in-vitro fertilization. <i>Human Reproduction</i> , 1994 , 9, 1880-6	5.7	46
895	Does isolated teratozoospermia affect performance in in-vitro fertilization and embryo transfer?. <i>Human Reproduction</i> , 1994 , 9, 870-4	5.7	35
894	Teratozoospermia and in-vitro fertilization: a randomized prospective study. <i>Human Reproduction</i> , 1994 , 9, 1479-84	5.7	82
893	Which semen parameters have a predictive value for pregnancy in infertile couples?. <i>Human Reproduction</i> , 1994 , 9, 1887-90	5.7	18
892	A new test for the assessment of sperm-zona pellucida penetration: relationship with results of other sperm tests and fertilization in vitro. <i>Human Reproduction</i> , 1994 , 9, 489-96	5.7	65
891	Epididymal micropuncture with in vitro fertilization and oocyte micromanipulation for the treatment of unreconstructable obstructive azoospermia. <i>Fertility and Sterility</i> , 1994 , 61, 895-901	4.8	93
890	Dithiothreitol effects on human sperm quality. 1994 , 152, 2287-90		8
889	A Functional Analysis and the Potential Clinical Significance Of 7 Categories of Sperm Morphology. 1994 , 151, 377-380		10
888	Infertility. 1994 , 151, 384-5		4
887	The influence of sperm morphology and the acrosome reaction on fertilization outcome after sub-zonal injection (SZI) of human spermatozoa. <i>Human Reproduction</i> , 1994 , 9, 1281-8	5.7	14
886	Confocal scanning laser microscopy of morphometric human sperm parameters: correlation with acrosin profiles and fertilizing capacity. <i>Fertility and Sterility</i> , 1994 , 62, 376-86	4.8	42
885	Creatine kinase immunocytochemistry of human sperm-hemizona complexes: selective binding of sperm with mature creatine kinase-staining pattern. <i>Fertility and Sterility</i> , 1994 , 61, 136-42	4.8	68
884	Use of the acrosome reaction to ionophore challenge test in managing patients in an assisted reproduction program: a prospective, double-blind, randomized controlled study. <i>Fertility and Sterility</i> , 1994 , 61, 902-10	4.8	44
883	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, 559-67	4.8	155
882	Sperm recovery and survival: two tests that predict in vitro fertilization outcome. <i>Fertility and Sterility</i> , 1994 , 62, 1244-9	4.8	29
881	Defective calcium influx and acrosome reaction (spontaneous and progesterone-induced) in spermatozoa of infertile men with severe teratozoospermia. <i>Fertility and Sterility</i> , 1994 , 61, 349-54	4.8	91

862	Prospective study of hormonal and semen profiles in marathon runners. <i>Fertility and Sterility</i> , 1995 , 64, 1189-1196	4.8	33
861	Use of postseparation sperm parameters to determine the method of choice for sperm preparation for assisted reproductive technology. <i>Fertility and Sterility</i> , 1995 , 63, 591-7	4.8	36
860	Clinical relevance of sperm morphology assessment using strict criteria and relationship with sperm-mucus interaction in vivo and in vitro. <i>Fertility and Sterility</i> , 1995 , 63, 612-24	4.8	41
859	Cystic fibrosis gene mutations do not affect sperm function during in vitro fertilization with micromanipulation for men with bilateral congenital absence of vas deferens. <i>Fertility and Sterility</i> , 1995 , 64, 421-6	4.8	47
858	Sperm morphology and in vitro fertilization outcome: a direct comparison of World Health Organization and strict criteria methodologies. <i>Fertility and Sterility</i> , 1995 , 64, 1177-82	4.8	32
857	High dose testosterone therapy for reduction of final height in constitutionally tall boys: does it influence testicular function in adulthood?. 1995 , 43, 87-95		31
856	A simple method to detect sperm chromatin abnormalities: cytochemical mechanism and possible value in predicting semen quality in assisted reproductive procedures. 1995 , 18 Suppl 1, 23-8		17
855	Ability of spermatozoa to bind to the zona pellucida during oligozoospermia induced with testosterone during a male contraceptive trial. 1995 , 18 Suppl 1, 39-44		6
854	Mini-swim-up: a new technique of sperm preparation for intracytoplasmic sperm injection. 1995 , 12, 428-33		40
853	Comparison between a two-layer discontinuous Percoll gradient and swim-up for sperm preparation on normal and abnormal semen samples. 1995 , 12, 698-703		23
852	The predictive value of basal follicle stimulating and growth hormone levels as determined by immunofluorometry during assisted reproduction. 1995 , 12, 244-51		12
851	The potential of intracytoplasmic sperm injection (ICSI) to transmit genetic defects causing male infertility. 1995 , 7, 137-41; discussion 141-2		27
850	Correlation between sperm morphology using strict criteria in original semen and swim-up inseminate and human in vitro fertilization. 1995 , 34, 105-13		14
849	Recent developments in assisted fertilization. <i>Human Reproduction</i> , 1995 , 10 Suppl 1, 107-14	5.7	26
848	Reflections on the way to conduct an investigation of subfertility. <i>Human Reproduction</i> , 1995 , 10 Suppl 1, 80-9	5.7	2
847	Sperm morphology assessment: historical review in relation to fertility. 1995 , 1, 543-57		88
846	Filtration of human seminal specimens using LeukoSorb leukocyte-retention medium. 1995 , 21, 625-30		
845	Factors affecting success with intracytoplasmic sperm injection. 1995 , 7, 229-36		17

844	Cumulus removal and addition of follicular fluid possibly improves pregnancy rates with in vitro fertilization for male factor. 1995 , 34, 47-52	2
843	Evaluation of infertility. 1995 , 1, 586-606	8
842	Morphometry of stallion spermatozoa by computer-assisted image analysis. 1995 , 44, 367-77	53
841	Computer automated sperm head morphometry analysis (ASMA) of goat spermatozoa. 1995 , 44, 989-1002	35
840	Intracytoplasmic sperm injection: a treatment for extreme oligospermia. 1996 , 156, 1001-4	3
839	Computer automated morphometric analysis of bull sperm heads. 1996 , 46, 1205-15	44
838	Sperm malformations throughout the boar epididymal duct. 1996 , 43, 221-239	29
837	The value of semen characteristics and tests of sperm function in selecting couples for intra-uterine insemination. 1996 , 64, 115-8	22
836	Diagnosis of male infertility and tests of sperm function. 1996 , 6, 2-11	
835	The role of assisted conception techniques in male infertility. 1996 , 6, 18-23	
834	Testicular trauma: potential impact on reproductive function. 1996 , 156, 1643-6	66
833	Quantification of normal head morphometry of stallion spermatozoa. 1996 , 108, 41-6	60
832	Combination of direct swim-up technique and discontinuous Percoll gradient centrifugation for sperm preparation of oligoasthenozoospermic samples. 1996 , 37, 103-9	6
831	Comparison between swim-up and glass wool column filtration of human semen in a gamete intrafallopian transfer program. 1996 , 36, 155-60	6
830	Prognostic value of the strict criteria: an Argentinian experience. 1996 , 37, 87-9	3
829	Assisted Reproduction Techniques for Managing Infertility. 1996 , 4, 4-12	1
828	Use of a specific zona pellucida (ZP) protein 3 antiserum as a clinical marker for human ZP integrity and function. <i>Fertility and Sterility</i> , 1996 , 65, 139-45	4.8 25
827	Intracytoplasmic sperm injection using microsurgically retrieved epididymal and testicular sperm. <i>Fertility and Sterility</i> , 1996 , 65, 566-72	4.8 51

826	A prospective study on the predictive value of normal sperm morphology as evaluated by computer (IVOS). <i>Fertility and Sterility</i> , 1996 , 66, 285-91	4.8	34
825	The sperm deformity index: a reliable predictor of the outcome of oocyte fertilization in vitro. <i>Fertility and Sterility</i> , 1996 , 66, 1000-8	4.8	59
824	Female age is an important parameter to predict treatment outcome in intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 1996 , 65, 573-7	4.8	40
823	Acrosomal morphology as a novel criterion for male fertility diagnosis: relation with acrosin activity, morphology (strict criteria), and fertilization in vitro. <i>Fertility and Sterility</i> , 1996 , 65, 637-44	4.8	104
822	Success of donor oocyte in in vitro fertilization-embryo transfer in recipients with and without premature ovarian failure. <i>Fertility and Sterility</i> , 1996 , 65, 98-102	4.8	32
821	Intraobserver, interobserver variation of sperm critical morphology: comparison of examiner and computer-assisted analysis. <i>Fertility and Sterility</i> , 1996 , 65, 1021-1025	4.8	9
820	Sperm Function Tests. 1996 , 18, 435-449		
819	Importance de la qualit�du sperme. 1996 , 6, 16-23		1
818	Use of the guanine-cytosine (GC) specific fluorochrome, chromomycin A3, as an indicator of poor sperm morphology. 1996 , 13, 246-50		26
817	Successful percutaneous epididymal sperm aspiration (PESA) after more than 20 years of acquired obstructive azoospermia. 1996 , 13, 449-50		6
816	Laparoscopy after multiple follicle aspirations fails to demonstrate pathology in oocyte donors. 1996 , 13, 450-2		3
815	Success rates following intracytoplasmic sperm injection are improved by using ZIFT vs IVF for embryo transfer. 1996 , 13, 782-5		8
814	Abnormal sperm morphology is highly predictive of pregnancy outcome during controlled ovarian hyperstimulation and intrauterine insemination. 1996 , 13, 569-72		30
813	Isolated teratozoospermia and in vitro fertilization. 1996 , 13, 64-8		13
812	Discordance in sperm morphology determination by strict criteria (SC) and WHO criteria, pointing out the necessity of sperm morphology determination by SC. 1996 , 13, 85-6		1
811	Submicroscopic mathematical evaluation of spermatozoa in assisted reproduction. 2. In vitro fertilization. (Notulae seminologicae. 7). 1996 , 13, 635-46		19
810	The use of piezo micromanipulation for intracytoplasmic sperm injection of human oocytes. 1996 , 13, 320-8		62
809	There is no relationship between concentration, motility and vacuolated cells. 1996 , 28, 819-29		2

808	The combination of two semen preparation techniques (glass wool filtration and swim-up) and their effect on the morphology of recovered spermatozoa and outcome of IVF-ET. 1996 , 19, 55-60		4
807	Comparison of motility characteristics and normal sperm morphology of human semen samples separated by percoll density gradient centrifugation. 1996 , 36, 127-32		13
806	Nonsperm cells in human semen: with special reference to seminal leukocytes and their possible influence on fertility. 1996 , 36, 41-65		54
805	A comparison of baseline and induced DNA damage in human spermatozoa from fertile and infertile men, using a modified comet assay. 1996 , 2, 613-9		293
804	Slide preparation and staining procedures for reliable results using computerized morphology. 1996 , 36, 133-8		29
803	The outcome of intracytoplasmic sperm injection is unrelated to 'strict criteria' sperm morphology. <i>Human Reproduction</i> , 1996 , 11, 1019-22	5-7	99
802	Prediction of the in-vitro fertilization (IVF) potential of human spermatozoa using sperm function tests: the effect of the delay between testing and IVF. <i>Human Reproduction</i> , 1996 , 11, 1030-4	5-7	79
801	A comparative analysis of embryo implantation potential in patients with severe teratozoospermia undergoing in-vitro fertilization with a high insemination concentration or intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1996 , 11, 1086-9	5-7	59
800	Recent advances in andrology research: physiopathology and clinical application to fertility and infertility. 1997 , 39, 173-95		7
799	Results of a questionnaire on sperm morphology assessment. <i>Human Reproduction</i> , 1997 , 12, 1015-20	5-7	61
798	Assessment of the relationship of sperm morphology with seminal and other clinical conditions of semen donors. 1997 , 39, 111-7		3
797	Intrauterine insemination after ovarian stimulation with clomiphene citrate: predictive potential of inseminating motile count and sperm morphology. <i>Human Reproduction</i> , 1997 , 12, 1458-63	5-7	113
796	Relationship between serum follicle stimulating hormone in the male and standard sperm parameters, and the results of intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1997 , 12, 59-63	5-7	15
795	No evidence for a decreased fertilizing potential after in-vitro fertilization using spermatozoa from polyzoospermic men. <i>Human Reproduction</i> , 1997 , 12, 2183-5	5-7	6
794	Treatment of the male with follicle-stimulating hormone in intrauterine insemination with husband's spermatozoa: a randomized study. <i>Human Reproduction</i> , 1997 , 12, 24-8	5-7	40
793	The relationship between sperm morphology and rates of fertilization, pregnancy and spontaneous abortion in an in-vitro fertilization/intracytoplasmic sperm injection programme. <i>Human Reproduction</i> , 1997 , 12, 2676-81	5-7	65
792	The effect of male factors in repeated spontaneous abortion: lesson from in-vitro fertilization and intracytoplasmic sperm injection. 1997 , 3, 393-400		32
791	Hemizona assay: evaluation of fertility potential in patients with vasectomy reversal. 1997 , 38, 143-50		3

790	Structural abnormalities of autosomal chromosomes in the male partner do not influence fertilization and early development of embryos after intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1997 , 12, 2499-503	5.7	3
789	Binding of human spermatozoa to lectin-coated agarose microbeads. 1997 , 38, 133-41		8
788	Teratozoospermia influences fertilization rate in vitro but not embryo quality. <i>Human Reproduction</i> , 1997 , 12, 1069-72	5.7	20
787	Success, Safety, Single Sperm: Intracytoplasmic Sperm Injection Today. 1997 , 19, 19-26		
786	The use of iodixanol as a density gradient material for separating human sperm from semen. 1997 , 38, 223-30		10
785	Analysis of Fibronectin on Human Sperm. 1997 , 158, 936-941		13
784	Male immunologic infertility: sperm performance on in vitro fertilization. <i>Fertility and Sterility</i> , 1997 , 68, 675-81	4.8	41
783	The impact of sperm morphology evaluated by strict criteria on intrauterine insemination success. <i>Fertility and Sterility</i> , 1997 , 67, 536-41	4.8	42
782	High fertilization and pregnancy rates after intracytoplasmic sperm injection in patients with disordered zona pellucida-induced acrosome reaction. <i>Fertility and Sterility</i> , 1997 , 67, 955-8	4.8	24
781	Approaches for obtaining sperm in patients with male factor infertility. <i>Fertility and Sterility</i> , 1997 , 67, 985-95	4.8	37
780	Clinical significance of human sperm-zona pellucida binding. <i>Fertility and Sterility</i> , 1997 , 67, 1121-7	4.8	75
779	Fertilization and pregnancy rates after intracytoplasmic sperm injection using ejaculate semen and surgically retrieved sperm. <i>Fertility and Sterility</i> , 1997 , 68, 108-11	4.8	91
778	Mouse in vitro fertilization, embryo development and viability, and human sperm motility in substances used for human sperm preparation for assisted reproduction. <i>Fertility and Sterility</i> , 1997 , 67, 372-81	4.8	23
777	Morphometric differences in sperm head dimensions of fertile and subfertile stallions. 1997 , 47, 575-82		79
776	Morphometry of normal and teratozoospermic canine sperm heads using an image analyzer: work in progress. 1997 , 48, 687-98		32
775	Microdeletions in the Y chromosome of infertile men. 1997 , 336, 534-9		422
774	Response of routine semen analysis and critical assessment of sperm morphology by Kruger classification to therapeutic varicoelectomy. 1997 , 158, 1804-7		40
773	Effects of subinguinal varicocele ligation on sperm concentration, motility and Kruger morphology. 1997 , 158, 1800-3		34

772	Advances in the evaluation and treatment of the infertile man. 1997 , 15, 378-93		4
771	Male infertility. 1997 , 349, 787-90		324
770	Sperm head morphometry analysis of ejaculate and dismount stallion semen samples. 1997 , 47, 149-55		28
769	The effects of cryopreservation on the morphometric dimensions of caprine sperm heads. 1997 , 49, 37-43		34
768	The influence of sera, follicular fluids and seminal plasma on human sperm-zona pellucida binding. <i>Human Reproduction</i> , 1997 , 12, 792-9	5-7	9
767	Effect of abnormal sperm head morphology on the outcome of intracytoplasmic sperm injection in humans. <i>Human Reproduction</i> , 1997 , 12, 1214-7	5-7	70
766	L'analyse automatisè de la morphologie du spermatozoïde. 1997 , 7, 427-432		1
765	Numfation, mobilit, tfastospermie et rultats en AMP. 1997 , 7, 466-476		
764	Impact of fertilization history and semen parameters on ICSI outcome. 1998 , 15, 39-45		14
763	Genetic concerns for the subfertile male in the era of ICSI. 1998 , 18, 1349-1365		24
762	Assisted hatching does not enhance IVF success in good-prognosis patients. 1998 , 15, 62-4		57
761	Is there any need for diagnostic laparoscopy in couples undergoing intracytoplasmic sperm injection for severe male-factor infertility. 1998 , 15, 79-83		5
760	Sperm morphology assessment: diagnostic potential and comparative analysis of strict or WHO criteria in a fertile and a subfertile population. 1997 , 20, 367-72		26
759	Prognostic value of male diagnostic profiles in intracytoplasmic sperm injection (ICSI). 1998 , 21, 227-32		6
758	Papanicolaou and Kruger assessment of sperm morphology: thresholds and agreement. 1998 , 21, 327-31		4
757	The sperm deformity and the sperm multiple anomalies indexes in patients who underwent unilateral orchectomy and preventive radiotherapy. 1998 , 80, 247-50		8
756	Computer assisted morphometric analysis of ram sperm heads: evaluation of different fixative techniques. 1998 , 50, 27-37		64
755	Predictive value of normal sperm morphology: a structured literature review. 1998 , 4, 73-82		180

754	VARICOCELECTOMY IMPROVES SPERM STRICT MORPHOLOGY AND MOTILITY. 1998 , 160, 1338-1340		41
753	Chlamydial infection in asymptomatic infertile men attending an andrology clinic. 1998 , 41, 203-8		15
752	Relationship of subnormal semen parameters and subsequent zona pellucida thinning following in vitro fertilization. 1998 , 41, 145-50		1
751	Does transurethral microwave thermotherapy (TUMT) affect emission of semen?. 1998 , 32, 211-4		1
750	Semen analysis and antisperm antibody. 1998 , 40, 117-28		13
749	Ultrastructure of gametes and intracytoplasmic sperm injection: the significance of sperm morphology. <i>Human Reproduction</i> , 1998 , 13 Suppl 1, 99-106	5-7	29
748	Evaluation of three substitutes for Percoll in sperm isolation by density gradient centrifugation. <i>Human Reproduction</i> , 1998 , 13, 3139-43	5-7	57
747	Computer-assisted sperm head morphometry analysis (ASMA) of cryopreserved ram spermatozoa. 1998 , 49, 1219-30		30
746	Sperm morphology evaluated by computer (IVOS) cannot predict the fertilization rate in vitro after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 1998 , 69, 564-8	4-8	32
745	Preparation by differential gradient centrifugation is better than swim-up in selecting sperm with normal morphology (strict criteria). <i>Fertility and Sterility</i> , 1998 , 69, 722-6	4-8	37
744	Mannose ligand receptor assay as a test to predict fertilization in vitro: a prospective study. <i>Fertility and Sterility</i> , 1998 , 70, 482-91	4-8	17
743	Preconceptional sex selection: past, present, and future. 1998 , 40, 3-14		5
742	Regulation of biologically active dimeric inhibin A and B from infancy to adulthood in the male. 1998 , 83, 2849-54		73
741	Immunoexpression of testis-specific histone 2B in human spermatozoa and testis tissue. <i>Human Reproduction</i> , 1998 , 13, 1559-66	5-7	55
740	The predictive value of the zona-free hamster egg penetration test in relation to in-vitro fertilization at various insemination concentrations. <i>Human Reproduction</i> , 1998 , 13, 624-9	5-7	14
739	Calcium ionophore-induced acrosome reaction correlates with fertilization rates in vitro in patients with teratozoospermic semen. <i>Human Reproduction</i> , 1998 , 13, 905-10	5-7	38
738	Special applications of intracytoplasmic sperm injection: the influence of sperm count, motility, morphology, source and sperm antibody on the outcome of ICSI. <i>Human Reproduction</i> , 1998 , 13 Suppl 1, 143-54	5-7	83
737	A logistic regression model including DNA status and morphology of spermatozoa for prediction of fertilization in vitro. <i>Human Reproduction</i> , 1998 , 13, 1235-9	5-7	61

736	Flow cytometric light scattering analysis, acrosome reaction, reactive oxygen species production and leukocyte contamination of semen preparation in prediction of fertilization rate in vitro. <i>Human Reproduction</i> , 1998 , 13, 2568-74	5-7	13
735	Meiotic products of a Klinefelter 47,XXY male as determined by sperm fluorescence in-situ hybridization analysis. <i>Human Reproduction</i> , 1998 , 13, 124-7	5-7	121
734	Morphology comparison of individually selected hyperactivated and non-hyperactivated human spermatozoa. <i>Human Reproduction</i> , 1999 , 14, 123-30	5-7	11
733	Cumulative delivery rates after intracytoplasmic sperm injection: 5 year follow-up of 498 patients. <i>Human Reproduction</i> , 1999 , 14, 2651-5	5-7	70
732	Intra- and inter-laboratory variability in the assessment of sperm morphology by strict criteria: impact of semen preparation, staining techniques and manual versus computerized analysis. <i>Human Reproduction</i> , 1999 , 14, 2036-40	5-7	33
731	Comparison between chromatin condensation and morphology from testis biopsy extracted and ejaculated spermatozoa and their relationship to ICSI outcome. <i>Human Reproduction</i> , 1999 , 14, 363-7	5-7	35
730	Quantitative ultramorphological analysis of human sperm: fifteen years of experience in the diagnosis and management of male factor infertility. 1999 , 43, 13-25		14
729	Relationship between abnormal sperm chromatin packing and IVF results. 1999 , 5, 825-30		63
728	Quantitative ultramorphological (QUM) analysis of human sperm: diagnosis and management of male infertility. 1999 , 42, 161-77		9
727	The role of sperm morphology in assisted reproduction. 1999 , 5, 172-8		65
726	Morphometrical comparison of human spermatozoa obtained from semen and swim-up methodology. 1999 , 31, 23-26		2
725	ART success and in vivo sperm cell selection depend on the ultramorphological status of spermatozoa. 1999 , 31, 1-8		10
724	Relationship between human sperm lipid peroxidation, comprehensive quality parameters and IVF outcome. 1999 , 31, 91-8		19
723	Fertilization potential of spermatozoa with abnormal morphology. <i>Human Reproduction</i> , 1999 , 14 Suppl 1, 47-70	5-7	33
722	Determination of laboratory specific percent normal sperm morphology value based on prevasectomy ("fertile") ejaculates. 1999 , 43, 131-4		0
721	Male Reproductive Function. 1999 ,		
720	DNA strand breaks in human sperm cells, A comparison between men with normal and oligozoospermic sperm samples. 1999 , 78, 336-339		6
719	DNA strand breaks in human spermatozoa, a possible factor, to be considered in couples suffering from unexplained infertility. 1999 , 78, 622-625		8

718	Replicate and technician variation associated with computer aided bull sperm head morphometry analysis (ASMA). 1999 , 22, 77-82		16
717	Effect of freeze-thawing procedure on chromatin stability, morphological alteration and membrane integrity of human spermatozoa in fertile and subfertile men. 1999 , 22, 155-62		128
716	The relationship between critical evaluation of sperm morphology and the TYB-optimized zona free hamster oocyte sperm penetration assay. 1999 , 22, 329-35		4
715	ART success and in vivo sperm cell selection depend on the ultramorphological status of spermatozoa. 1999 , 31, 1-8		43
714	Morphometrical comparison of human spermatozoa obtained from semen and swim-up methodology. 1999 , 31, 23-26		7
713	Direct effect of alcohol on the motility and morphology of human spermatozoa. 1999 , 31, 43-47		93
712	Teratozoospermia and its effect on male fertility potential. 1999 , 31, 63-75		15
711	Relationship between human sperm lipid peroxidation, comprehensive quality parameters and IVF outcome. 1999 , 31, 91-98		18
710	Implications of sperm chromosome abnormalities in recurrent miscarriage. 1999 , 16, 253-8		64
709	Assessment of the dominant abnormal form is useful for predicting the outcome of intracytoplasmic sperm injection in the case of severe teratozoospermia. 1999 , 16, 436-42		28
708	Defining regions of the Y-chromosome responsible for male infertility and identification of a fourth AZF region (AZFd) by Y-chromosome microdeletion detection. 1999 , 53, 27-41		198
707	Sperm surface protein profiles of fertile and infertile men: search for a diagnostic molecular marker. 1999 , 43, 173-81		4
706	Spermac stain analysis of human sperm acrosomes. <i>Fertility and Sterility</i> , 1999 , 72, 124-8	4.8	22
705	An investigation of the fertilizing characteristics of pyriform-shaped bovine spermatozoa. 1999 , 57, 35-50		26
704	Clinical value of using an automated sperm morphology analyzer (IVOS). <i>Fertility and Sterility</i> , 1999 , 71, 222-5	4.8	16
703	Fertilization after standard in vitro fertilization versus intracytoplasmic sperm injection in subfertile males using sibling oocytes. <i>Fertility and Sterility</i> , 1999 , 71, 627-32	4.8	48
702	Numerical dose-compensated in vitro fertilization inseminations yield high fertilization and pregnancy rates. <i>Fertility and Sterility</i> , 1999 , 71, 1019-28	4.8	14
701	Controlled comparison of conventional in-vitro fertilization and intracytoplasmic sperm injection in patients with asthenozoospermia. <i>Human Reproduction</i> , 1999 , 14, 2313-9	5.7	69

700	Comparative evaluation of two density gradient preparations for sperm separation for medically assisted conception. <i>Human Reproduction</i> , 1999 , 14, 759-64	5-7	63
699	DNA strand breaks in human spermatozoa, a possible factor, to be considered in couples suffering from unexplained infertility. 1999 , 78, 622-625		43
698	DNA strand breaks in human sperm cells, A comparison between men with normal and oligozoospermic sperm samples. 1999 , 78, 336-339		55
697	The incidence of spontaneous acrosome reaction in homogeneous populations of hyperactivated human spermatozoa. <i>Human Reproduction</i> , 1999 , 14, 1819-22	5-7	7
696	The role of DNA strand breaks in human spermatozoa used for IVF and ICSI. 2000 , 79, 559-563		125
695	Evaluation and treatment of male infertility. 2000 , 43, 854-88		34
694	Results of the American Association of Bioanalysts national proficiency testing programme in andrology. <i>Human Reproduction</i> , 2000 , 15, 680-6	5-7	77
693	Effect of cetrorelix on sperm morphology during migration through the epididymis in the cynomolgus macaque (<i>Macaca fascicularis</i>). 2000 , 51, 103-17		12
692	Computer-assisted assessment of sperm morphology: comparison with conventional techniques. 2000 , 23, 22-8		22
691	DNA strand breaks in human spermatozoa: Correlation with fertilization in vitro in oligozoospermic men and in men with unexplained infertility. 2000 , 79, 189-193		15
690	The role of DNA strand breaks in human spermatozoa used for IVF and ICSI. 2000 , 79, 559-563		13
689	Apoptosis in human cumulus cells in relation to maturation stage and cleavage of the corresponding oocyte. 2000 , 79, 936-940		4
688	Comparison of sex chromosome aneuploidy in spermatozoa of fertile men and those requiring ICSI treatment detected by fluorescence in situ hybridization. 2000 , 26, 181-8		4
687	Standardisation de la classification morphologique des spermatozoïdes humains selon la méthode de David modifiée. 2000 , 10, 358-373		54
686	Techniques d'AMP et leurs indications dans l'hypofertilité masculine. 2000 , 10, 279-283		
685	Environmental pollutants and fertility. 2000 , 85-152		
684	A randomized study comparing the effect of standard versus short incubation of sperm and oocyte on subsequent pregnancy and implantation rates following in vitro fertilization embryo transfer. 2000 , 45, 73-6		11
683	DNA strand breaks in human spermatozoa: Correlation with fertilization in vitro in oligozoospermic men and in men with unexplained infertility. 2000 , 79, 189-193		55

682	Does the hypoosmotic swelling test predict human sperm viability?. 2000 , 44, 207-12		9
681	Defective sperm-zona pellucida interaction: a major cause of failure of fertilization in clinical in-vitro fertilization. <i>Human Reproduction</i> , 2000 , 15, 702-8	5.7	145
680	L-type voltage-dependent calcium channel alpha-1C subunit mRNA is present in ejaculated human spermatozoa. 2000 , 6, 127-36		51
679	Validation of a simple Yq deletion screening programme in an ICSI candidate population. 2000 , 6, 291-7		38
678	Effects of hydrogen peroxide on DNA and plasma membrane integrity of human spermatozoa. <i>Fertility and Sterility</i> , 2000 , 74, 1200-7	4.8	222
677	Immunobiologic implication of RANTES in seminal plasma of fertile, infertile and immunoinfertile men. 2000 , 44, 197-204		8
676	Detection of chromosomal abnormalities by fluorescent in-situ hybridization in immotile viable spermatozoa determined by hypo-osmotic sperm swelling test. <i>Human Reproduction</i> , 2000 , 15, 853-6	5.7	18
675	A study of to determine if limiting the contact of sperm with zona pellucida reduces the rate of spontaneous abortions. 2000 , 44, 41-5		
674	Surrogate pregnancies in patients with Mayer-Rokitansky-Kustner-Hauser syndrome and severe teratozoospermia. 2000 , 45, 95-7		7
673	Relationship between antisperm antibodies, sperm movement, and semen quality. 2000 , 65, 200-3		21
672	Contemporary approach to the male infertility evaluation. 2000 , 27, 487-516, v		7
671	A comparison of the morphology of testicular, epididymal, and ejaculated sperm from fertile men and men with obstructive azoospermia. <i>Fertility and Sterility</i> , 2000 , 73, 1099-103	4.8	6
670	Male factor subfertility: possible causes and the impact of nutritional factors. <i>Fertility and Sterility</i> , 2000 , 73, 435-42	4.8	158
669	Morphology of spermatozoa used in IVF and ICSI from oligozoospermic men. <i>Reproductive BioMedicine Online</i> , 2001 , 3, 212-215	4	25
668	A simple comet assay for archived sperm correlates DNA fragmentation to reduced hyperactivation and penetration of zona-free hamster oocytes. <i>Fertility and Sterility</i> , 2001 , 75, 186-92	4.8	55
667	Increased chromosome X, Y, and 18 nondisjunction in sperm from infertile patients that were identified as normal by strict morphology: implication for intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2001 , 76, 879-83	4.8	63
666	Comparison of G1.2/G2.2 and Sydney IVF cleavage/blastocyst sequential media for the culture of human embryos: a prospective, randomized, comparative study. <i>Fertility and Sterility</i> , 2001 , 76, 1023-31	4.8	54
665	Chromatin decondensation of human sperm in vitro and its relation to fertilization rate after ICSI. 2001 , 47, 83-7		29

664	Comparison between human sperm preservation medium and TEST-yolk buffer on protecting chromatin and morphology integrity of human spermatozoa in fertile and subfertile men after freeze-thawing procedure. 2001 , 22, 1012-8		42
663	The effect of intracytoplasmic sperm injection and semen parameters on blastocyst development in vitro. <i>Human Reproduction</i> , 2001 , 16, 918-24	5-7	104
662	Response to varicocelelectomy in oligospermic men with and without defined genetic infertility. 2001 , 57, 530-5		62
661	Cryopreservation of fractionated, highly motile human spermatozoa: effect on membrane phosphatidylserine externalization and lipid peroxidation. <i>Human Reproduction</i> , 2001 , 16, 2148-53	5-7	49
660	Ultrasound and infertility: diagnostic and therapeutic uses. 2001 , 2, 437-42		17
659	Intrauterine insemination in male factor subfertility: significance of sperm motility and morphology assessed by strict criteria. 2001 , 33, 13-7		27
658	Stepwise regression analysis to study male and female factors impacting on pregnancy rate in an intrauterine insemination programme. 2001 , 33, 135-41		53
657	Comparison between computerized slow-stage and static liquid nitrogen vapour freezing methods with respect to the deleterious effect on chromatin and morphology of spermatozoa from fertile and subfertile men. 2001 , 24, 66-72		34
656	Prediction of unexpectedly poor fertilization and pregnancy outcome using the strict criteria for sperm morphology before and after sperm separation in IVF-ET. 2001 , 24, 102-8		23
655	Reassessment of sperm morphology of archival semen smears from the period 1980--1994. 2001 , 24, 120-4		12
654	Predictive value of chromatin decondensation in vitro on fertilization rate after intracytoplasmic sperm injection (ICSI). 2001 , 24, 311-6		13
653	Acrocentric centromere organization within the chromocenter of the human sperm nucleus. 2001 , 60, 507-16		19
652	Acrosome index is not an absolute predictor of the outcome following conventional in vitro fertilization and intracytoplasmic sperm injection. 2001 , 18, 483-9		4
651	Relation between different human sperm nuclear maturity tests and in vitro fertilization. 2001 , 18, 219-25		90
650	The acrosome index, radical buffer capacity and number of isolated progressively motile spermatozoa predict IVF results. <i>Human Reproduction</i> , 2001 , 16, 1885-92	5-7	6
649	Sperm morphological defects related to environment, lifestyle and medical history of 1001 male partners of pregnant women from four European cities. <i>Human Reproduction</i> , 2001 , 16, 2710-7	5-7	152
648	Predictive value of normal sperm morphology in intrauterine insemination (IUI): a structured literature review. 2001 , 7, 495-500		157
647	Assessment of human sperm morphology by strict criteria: comparison of wet preparation versus stained with the modified Diff-Quik method. 2002 , 48, 307-14		13

646	Prognosis for sperm fertilizability: analysis of different variables in men. 2002 , 48, 73-83		10
645	The evaluation of infertility. 2002 , 117 Suppl, S95-103		16
644	Potential association between male infertility and occupational psychological stress. 2002 , 44, 1093-9		60
643	Trade-Offs for Wireless Transcutaneous RF Communication in Biotelemetric Applications. 2002 ,		1
642	A prospective trial of blastocyst culture and transfer. <i>Human Reproduction</i> , 2002 , 17, 1846-51	5.7	58
641	Rescue ICSI of unfertilized oocytes after IVF. <i>Human Reproduction</i> , 2002 , 17, 2423-7	5.7	65
640	Spontaneous pregnancies in couples who discontinued intracytoplasmic sperm injection treatment: a 5-year follow-up study. <i>Fertility and Sterility</i> , 2002 , 78, 550-6	4.8	34
639	Intracytoplasmic sperm injection versus in vitro fertilization: a randomized controlled trial and a meta-analysis of the literature. <i>Fertility and Sterility</i> , 2002 , 78, 1030-7	4.8	91
638	Influence of oocytes and spermatozoa on early embryonic development. <i>Fertility and Sterility</i> , 2002 , 78, 1082-7	4.8	41
637	Successful ICSI in a case of severe asthenozoospermia due to 93% non-specific axonemal alterations and 90% abnormal or absent mitochondrial sheaths. <i>Reproductive BioMedicine Online</i> , 2002 , 5, 270-2	4	17
636	Novel use of laser to assist ICSI for patients with fragile oocytes: a case report. <i>Reproductive BioMedicine Online</i> , 2002 , 4, 27-31	4	25
635	Can varicocelectomy significantly change the way couples use assisted reproductive technologies?. 2002 , 167, 1749-52		112
634	Quality control, quality assurance, and proficiency testing in the andrology laboratory. 2002 , 48, 417-31		15
633	Computer assisted semen analyzers in andrology research and veterinary practice. 2002 , 57, 149-79		407
632	Real-time fine morphology of motile human sperm cells is associated with IVF-ICSI outcome. 2002 , 23, 1-8		334
631	Comprehensive office evaluation in the new millennium. 2002 , 29, 873-94		14
630	Nature of DNA damage in ejaculated human spermatozoa and the possible involvement of apoptosis. 2002 , 66, 1061-7		338
629	Environmental organochlorines and semen quality: results of a pilot study. 2002 , 110, 229-33		57

628	[Andrologic diagnosis]. 2002 , 53, 761-79; quiz 779-80	4
627	Percentage of normal sperm heads is significantly increased by Percoll separation of semen. 1998 , 21, 116-9	5
626	Accuracy of the normal sperm morphology value by Sperm Quality Analyzer IIC: comparison with the strict criteria. 2002 , 25, 45-8	13
625	Comparison of the Sperm Quality Analyzer IIC variables with the computer-aided sperm analysis estimates. 2002 , 25, 49-54	20
624	Sperm morphology analysis using strict criteria as a prognostic factor in intrauterine insemination. 2002 , 25, 277-80	30
623	Comparative genomic hybridization analysis of sperm DNA apoptosis after exposure to heat shock. 2002 , 19, 195-200	10
622	An evaluation of the efficacy of in vitro fertilization with intracytoplasmic sperm injection for sperm with low hypoosmotic swelling test scores and poor morphology. 2003 , 20, 182-5	5
621	Relationship between human sperm morphology and acrosomal function. 2003 , 20, 432-8	31
620	Pronuclear and morphological features as a cumulative score to select embryos in ICSI (intracytoplasmic sperm injection) cycles according to sperm origin. 2003 , 20, 1-7	15
619	Facteurs influençant la classification morphologique des spermatozoïdes humains: Le rôle d'une évaluation externe de la qualité auprès de 62 participants. 2003 , 13, 412-423	
618	Preimplantation genetic diagnosis for a couple with recurrent pregnancy loss and triploidy. 2003 , 67, 946-50	8
617	Fallopian tube sperm perfusion: the impact of sperm count and morphology on pregnancy rates. 2003 , 82, 1023-9	13
616	Morphological and morphometric attributes of epididymal and testicular spermatozoa following surgical sperm retrieval for obstructive and nonobstructive azoospermia. 2003 , 35, 358-67	4
615	Effect of human sperm chromatin anomalies on fertilization outcome post-ICSI. 2003 , 35, 238-43	69
614	Clinical significance of the Acridine Orange test performed as a routine examination: comparison with the CASA estimates and strict criteria. 2003 , 26, 236-41	7
613	Use of the Sperm-Class Analyser for objective assessment of human sperm morphology. 2003 , 26, 262-70	36
612	Morphological and morphometric attributes of epididymal and testicular spermatozoa following surgical sperm retrieval for obstructive and nonobstructive azoospermia. 2003 , 35, 358-367	
611	Sperm chromosomal abnormalities are linked to sperm morphologic deformities. <i>Fertility and Sterility</i> , 2003 , 79, 212-5	4.8 76

610	Morphology and the sperm penetration assay. <i>Fertility and Sterility</i> , 2003 , 79, 39-41	4.8	7
609	Disordered zona pellucida-induced acrosome reaction and failure of in vitro fertilization in patients with unexplained infertility. <i>Fertility and Sterility</i> , 2003 , 79, 74-80	4.8	68
608	Pronuclear morphology evaluation with subsequent evaluation of embryo morphology significantly increases implantation rates. <i>Fertility and Sterility</i> , 2003 , 80, 67-74	4.8	68
607	Normal range and variation of the zona pellucida-induced acrosome reaction in fertile men. <i>Fertility and Sterility</i> , 2003 , 80, 384-9	4.8	20
606	Seasonal variation and age-related changes in human semen parameters. 2003 , 24, 226-31		90
605	The human sperm head: a key for successful fertilization. 2003 , 24, 232-8		26
604	New semen quality scores developed by principal component analysis of semen characteristics. 2003 , 24, 343-52		59
603	The in vitro effect of levonorgestrel on the acrosome reaction of human spermatozoa from fertile men. 2003 , 68, 55-9		23
602	The contribution of the male to ovine embryogenesis in an in vitro embryo production system. 2003 , 75, 9-26		7
601	Relationship between the outcomes of assisted reproductive techniques and sperm DNA fragmentation as measured by the sperm chromatin structure assay. <i>Fertility and Sterility</i> , 2003 , 80, 895-902	4.8	296
600	Relationship between semen quality and seminal plasma total carnitine in infertile men. 2003 , 23, 653-6		21
599	Phthalate Exposure and Human Semen Parameters. 2003 , 14, 269-277		219
598	Sperm pathology: a step beyond descriptive morphology. Origin, characterization and fertility potential of abnormal sperm phenotypes in infertile men. 2003 , 9, 405-28		192
597	Low proportions of sperm can bind to the zona pellucida of human oocytes. <i>Human Reproduction</i> , 2003 , 18, 2382-9	5.7	47
596	Inter-individual variability in the morphological assessment of human sperm: effect of the level of experience and the use of standard methods. <i>Human Reproduction</i> , 2003 , 18, 1018-22	5.7	30
595	. 2003 , 14, 269-277		263
594	Frequency of defective sperm-zona pellucida interaction in severely teratozoospermic infertile men. <i>Human Reproduction</i> , 2003 , 18, 802-7	5.7	27
593	Diversity of the inhibitory effects on fertilization by anti-sperm antibodies bound to the surface of ejaculated human sperm. <i>Human Reproduction</i> , 2003 , 18, 1469-73	5.7	23

592	Temporal trends in human semen parameters in New England in the United States, 1989-2000. 2003 , 49, 369-74		10
591	Failed fertilization: is it predictable?. 2003 , 15, 211-8		128
590	The relationship between human semen parameters and environmental exposure to polychlorinated biphenyls and p,p'-DDE. 2003 , 111, 1505-11		143
589	Towards a more precise assay of sperm function in egg binding. 2003 , 25, 461-70		2
588	Finasteride-associated male infertility. 2004 , 59, 203-5		31
587	Impact of seasonal variation, age and smoking status on human semen parameters: The Massachusetts General Hospital experience. 2004 , 1, 2		26
586	The relationship of urinary metabolites of carbaryl/naphthalene and chlorpyrifos with human semen quality. 2004 , 112, 1665-70		113
585	Sperm velocity in seminal plasma and the association with gender of offspring. 2004 , 50, 37-40		6
584	Relationship between protamine deficiency with fertilization rate and incidence of sperm premature chromosomal condensation post-ICSI. 2004 , 36, 95-100		66
583	Prediction of pregnancy by intrauterine insemination using CASA estimates and strict criteria in patients with male factor infertility. 2004 , 27, 63-8		56
582	Influence of the number of motile spermatozoa inseminated and of their morphology on the success of intrauterine insemination. <i>Human Reproduction</i> , 2004 , 19, 2060-5	5-7	77
581	Flow cytometry and microscopic acridine orange test: relationship with standard semen analysis. <i>Reproductive BioMedicine Online</i> , 2004 , 8, 398-407	4	19
580	Should ICSI be used in non-male factor infertility?. <i>Reproductive BioMedicine Online</i> , 2004 , 9, 348-56	4	26
579	High frequency of defective sperm-zona pellucida interaction in oligozoospermic infertile men. <i>Human Reproduction</i> , 2004 , 19, 228-33	5-7	35
578	Epidemiology of male reproductive function: a field searching for tools. 2004 , 52, 221-42		2
577	The long-term effects of DDT exposure on semen, fertility, and sexual function of malaria vector-control workers in Limpopo Province, South Africa. 2004 , 96, 1-8		57
576	Automated sperm morphometry and morphology analysis of canine semen by the Hamilton-Thorne analyser. 2004 , 62, 1292-306		80
575	Canine fresh and cryopreserved semen evaluation. 2004 , 82-83, 209-24		42

574	Comparison of Zygote Intrafallopian Transfer and Intrauterine Embryo Transfer for Male-factor Infertility After Intracytoplasmic Sperm Injection. 2004 , 43, 25-28		
573	The relationship between environmental exposure to phthalates and computer-aided sperm analysis motion parameters. 2004 , 25, 293-302		125
572	Comparison of six density gradient media for selection of cryopreserved donor spermatozoa. 2004 , 25, 881-4		30
571	Novel association between sperm reactive oxygen species production, sperm morphological defects, and the sperm deformity index. <i>Fertility and Sterility</i> , 2004 , 81, 349-54	4.8	195
570	Clinical application of sperm-oocyte interaction tests in in vitro fertilization--embryo transfer and intracytoplasmic sperm injection programs. <i>Fertility and Sterility</i> , 2004 , 82, 1251-63	4.8	61
569	Novel associations between specific sperm morphological defects and leukocytospermia. <i>Fertility and Sterility</i> , 2004 , 82, 621-7	4.8	87
568	Report on optimal evaluation of the infertile male. <i>Fertility and Sterility</i> , 2004 , 82 Suppl 1, S123-30	4.8	15
567	Relationship between human semen parameters and deoxyribonucleic acid damage assessed by the neutral comet assay. <i>Fertility and Sterility</i> , 2004 , 82, 1623-32	4.8	67
566	Does the potential for selection bias in semen quality studies depend on study design? Experience from a study conducted within an infertility clinic. <i>Human Reproduction</i> , 2005 , 20, 2579-83	5.7	18
565	Morphological abnormalities in the spermatozoa of fertile and infertile men. 2005 , 70, 70-81		24
564	Severe ovarian hyperstimulation syndrome in a 42-year-old woman with successful pregnancy after intracytoplasmic sperm injection embryo transfer. 2005 , 4, 265-269		1
563	Individual assessment of sperm morphology of single spermatozoa used for intracytoplasmic sperm injection. 2005 , 37, 53-6		2
562	Effects of human oviductal in vitro secretion on spermatozoa and search of sperm-oviductal proteins interactions. 2005 , 28, 137-43		24
561	Infliximab and semen quality in men with inflammatory bowel disease. 2005 , 11, 395-9		98
560	Developing techniques for determining sperm morphology in today's andrology laboratory. 2005 , 22, 219-25		10
559	Cytogenetic Analysis of Spermatozoa in a Patient with Chromosome Constitution 45,X/46,X,r(Y) by Intracytoplasmic Injection into Mouse Oocytes. 2005 , 41, 1151-1156		
558	Evidence of interaction between polychlorinated biphenyls and phthalates in relation to human sperm motility. 2005 , 113, 425-30		130
557	IVF and ICSI in male infertility: update on outcomes, risks, and costs. 2005 , 5, 922-32		10

556	Exposure of actin on the surface of the human sperm head during in vitro culture relates to sperm morphology, capacitation and zona binding. <i>Human Reproduction</i> , 2005 , 20, 999-1005	5-7	23
555	An SNP in protamine 1: a possible genetic cause of male infertility?. 2006 , 43, 382-4		72
554	Practical approaches to the diagnosis and management of male infertility. 2005 , 2, 226-38		30
553	Frequency of aneuploidy in sperm from patients with extremely severe male factor infertility. <i>Human Reproduction</i> , 2005 , 20, 2140-52	5-7	83
552	The use of semen parameters to identify the subfertile male in the general population. 2005 , 59, 86-91		66
551	Chromosome abnormalities in sperm from infertile men with normal somatic karyotypes: teratozoospermia. 2005 , 111, 352-7		55
550	The choice and outcome of the fertility treatment of 38 couples in whom the male partner has a Yq microdeletion. <i>Human Reproduction</i> , 2005 , 20, 1887-96	5-7	52
549	Association between sequence variations in genes encoding human zona pellucida glycoproteins and fertilization failure in IVF. <i>Human Reproduction</i> , 2005 , 20, 1578-85	5-7	30
548	Anthrax vaccine does not affect semen parameters, embryo quality, or pregnancy outcome in couples with a vaccinated male military service member. <i>Fertility and Sterility</i> , 2005 , 83, 480-3	4-8	17
547	Relationship between the duration of sexual abstinence and semen quality: analysis of 9,489 semen samples. <i>Fertility and Sterility</i> , 2005 , 83, 1680-6	4-8	122
546	Redefining the relationship between sperm deoxyribonucleic acid fragmentation as measured by the sperm chromatin structure assay and outcomes of assisted reproductive techniques. <i>Fertility and Sterility</i> , 2005 , 84, 356-64	4-8	128
545	The morphological normalcy of the sperm nucleus and pregnancy rate of intracytoplasmic injection with morphologically selected sperm. <i>Human Reproduction</i> , 2005 , 20, 185-90	5-7	242
544	Effects of exposure to new inhalational anesthetics on spermatogenesis and sperm morphology in rabbits. 2005 , 51, 305-15		15
543	Discrepancy between sperm acrosin activity and sperm morphology: significance for fertilization in vitro. 2005 , 351, 121-9		24
542	In vitro effect of levonorgestrel on sperm fertilizing capacity and mouse embryo development. 2005 , 72, 71-6		8
541	The in vitro effect of emergency contraception doses of levonorgestrel on the acrosome reaction of human spermatozoa. 2005 , 72, 225-8		15
540	Benefits of microsurgical repair of adolescent varicocele: comparison of semen parameters in fertile and infertile adults with varicocele. 2005 , 65, 554-8		17
539	Abdominal electric stimulation facilitates penile vibratory stimulation for ejaculation after spinal cord injury: a single-subject trial. 2005 , 86, 1879-83		7

538	Relationship between human sperm-hyaluronan binding assay and fertilization rate in conventional in vitro fertilization. <i>Human Reproduction</i> , 2006 , 21, 1545-50	5.7	55
537	Doses of levonorgestrel comparable to that delivered by the levonorgestrel-releasing intrauterine system can modify the in vitro expression of zona binding sites of human spermatozoa. 2006 , 73, 97-101		15
536	Effect of reduced oocyte aging on the outcome of rescue intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2006 , 85, 901-6	4.8	39
535	[Is there an association between sperm normal morphology and their kinetic displacement?]. 2006 , 30, 591-7		4
534	Correlation between semen parameters and the Hamster Egg Penetration Test (HEPT) among fertile and subfertile men in Singapore. 2007 , 28, 158-63		4
533	Relationships between serum hormone levels and semen quality among men from an infertility clinic. 2007 , 28, 397-406		151
532	The relationship between human semen characteristics and sperm apoptosis: a pilot study. 2006 , 27, 112-20		41
531	Impact of body mass index values on sperm quantity and quality. 2006 , 27, 450-2		424
530	Mitochondrial membrane potential integrity and plasma membrane translocation of phosphatidylserine as early apoptotic markers: a comparison of two different sperm subpopulations. <i>Fertility and Sterility</i> , 2006 , 85, 149-54	4.8	128
529	A simple zeta method for sperm selection based on membrane charge. <i>Fertility and Sterility</i> , 2006 , 85, 481-6	4.8	82
528	Levels of P34H, a sperm protein of epididymal origin, as a predictor of conventional in vitro fertilization outcome. <i>Fertility and Sterility</i> , 2006 , 85, 1557-9	4.8	24
527	Predictive value of the hemizona assay for pregnancy outcome in patients undergoing controlled ovarian hyperstimulation with intrauterine insemination. <i>Fertility and Sterility</i> , 2006 , 85, 1697-707	4.8	28
526	Comparing the Multi-ZSC one-step standardized swim-up method to the double-wash swim-up method with regard to the effects of sperm separation on morphology, head morphometry, and acrosome reaction inducibility. <i>Fertility and Sterility</i> , 2006 , 86, 739-41	4.8	5
525	Report on optimal evaluation of the infertile male. <i>Fertility and Sterility</i> , 2006 , 86, S202-9	4.8	98
524	Influence of staining and sampling procedures on goat sperm morphometry using the Sperm Class Analyzer. 2006 , 66, 996-1003		42
523	Definition and current evaluation of subfertile men. 2006 , 32, 385-97		43
522	The relationship between reproductive outcome measures in DDT exposed malaria vector control workers: a cross-sectional study. 2006 , 1, 21		5
521	Relationship between sexual abstinence duration and the acrosome index in teratozoospermic semen: analysis of 1800 semen samples. 2006 , 38, 110-2		5

520	Can sperm protamine deficiency induce sperm premature chromosomal condensation?. 2006 , 38, 92-8		16
519	Standardization of sample preparation, staining and sampling methods for automated sperm head morphometry analysis of boar spermatozoa. 2006 , 29, 553-63		33
518	Alterations of the USP26 gene in Caucasian men. 2006 , 29, 614-7		29
517	Structure of mammalian spermatozoa in respect to viability, fertility and cryopreservation. 2006 , 37, 597-612		47
516	Andrologische Diagnostik. 2006 , 4, 97-112		
515	Altered semen quality in relation to urinary concentrations of phthalate monoester and oxidative metabolites. 2006 , 17, 682-91		322
514	Is systematic screening for thyroid disorders indicated in subfertile men?. 2006 , 154, 363-6		17
513	Testicular toxicity of candidate fuel additive 1,6-dimethoxyhexane: comparison with several similar aliphatic ethers. 2006 , 89, 304-13		7
512	Hyper-osmotic condition enhances protein tyrosine phosphorylation and zona pellucida binding capacity of human sperm. <i>Human Reproduction</i> , 2006 , 21, 745-52	5:7	12
511	Tyrosine phosphorylation on capacitated human sperm tail detected by immunofluorescence correlates strongly with sperm-zona pellucida (ZP) binding but not with the ZP-induced acrosome reaction. <i>Human Reproduction</i> , 2006 , 21, 1002-8	5:7	53
510	Human sperm bound to the zona pellucida have normal nuclear chromatin as assessed by acridine orange fluorescence. <i>Human Reproduction</i> , 2007 , 22, 1597-602	5:7	67
509	Is maternal obesity related to semen quality in the male offspring? A pilot study. <i>Human Reproduction</i> , 2007 , 22, 2758-62	5:7	37
508	Morphology assessment and fluorescence in situ hybridization of the same spermatozoon using a computerized cell-scanning system. <i>Human Reproduction</i> , 2007 , 22, 201-9	5:7	16
507	Is prenatal exposure to tobacco smoking a cause of poor semen quality? A follow-up study. 2007 , 165, 1372-9		103
506	The effect of cryopreservation on sperm head morphometry in Florida male goat related to sperm freezability. 2007 , 100, 61-72		37
505	Isolated teratozoospermia does not affect in vitro fertilization outcome and is not an indication for intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2007 , 88, 1583-8	4.8	83
504	[The impact of sperm morphology analysis on IVF results]. 2007 , 36 Suppl 3, S69-73		2
503	Development of normal reference values for seminal reactive oxygen species and their correlation with leukocytes and semen parameters in a fertile population. 2007 , 28, 613-20		97

502	Comparison of the frequency of defective sperm-zona pellucida (ZP) binding and the ZP-induced acrosome reaction between subfertile men with normal and abnormal semen. <i>Human Reproduction</i> , 2007 , 22, 1878-84	5-7	38
501	Insulin dependant diabetes mellitus: implications for male reproductive function. <i>Human Reproduction</i> , 2007 , 22, 1871-7	5-7	337
500	Sperm preparation: DNA damage by comet assay in normo- and teratozoospermics. 2007 , 53, 325-38		21
499	Comparison of different gonadotrophin preparations in intrauterine insemination cycles for the treatment of unexplained infertility: a prospective, randomized study. <i>Human Reproduction</i> , 2007 , 22, 97-100	5-7	40
498	The relationship between human sperm apoptosis, morphology and the sperm deformity index. <i>Human Reproduction</i> , 2007 , 22, 1413-9	5-7	116
497	Hyperactivation of capacitated human sperm correlates with the zona pellucida-induced acrosome reaction of zona pellucida-bound sperm. <i>Human Reproduction</i> , 2007 , 22, 2632-8	5-7	19
496	Current assessment of sperm DNA integrity. 2007 , 53, 239-47		4
495	A retrospective comparison of pregnancy outcome following conventional oocyte insemination vs intracytoplasmic sperm injection for isolated abnormalities in sperm morphology using strict criteria. 2007 , 28, 607-12		15
494	Late hormonal levels, semen parameters, and presence of antisperm antibodies in patients treated for testicular torsion. 2007 , 28, 528-32		106
493	D-Mannose-binding sites are putative sperm determinants of human oocyte recognition and fertilization. <i>Reproductive BioMedicine Online</i> , 2007 , 15, 182-90	4	10
492	Evaluation of acrosomal status and sperm viability in fresh and cryopreserved specimens by the use of fluorescent peanut agglutinin lectin in conjunction with hypo-osmotic swelling test. 2007 , 33, 364-74; discussion 375-6		33
491	Gonad evaluation in male systemic lupus erythematosus. 2007 , 56, 2352-61		79
490	The influence of homogenous zona pellucida on human spermatozoa hyperactivation, acrosome reaction and zona binding. 2007 , 39, 7-11		7
489	Relationship between age and semen parameters in men with normal sperm concentration: analysis of 6022 semen samples. 2007 , 39, 45-50		90
488	The morphology of extracted testicular sperm correlates with fertilization but not pregnancy rates. 2007 , 100, 1326-9		1
487	Evaluation de l'apport de la mthode d'observation des spermatozoïes ^ fort grossissement en ICSI. 2007 , 17, 212-222		11
486	Andrologische Diagnostik. 2007 , 40, 467-483		
485	[Andrological diagnostics]. 2007 , 46, 1557-72		2

484	Retention of membrane charge attributes by cryopreserved-thawed sperm and zeta selection. 2007 , 24, 429-34		24
483	Sperm chromatin stability and its relationship with fertilization rate after intracytoplasmic sperm injection (ICSI) in an assisted reproduction program. 2007 , 24, 587-93		10
482	Comparison of embryological and clinical outcome in GnRH antagonist vs. GnRH agonist protocols for in vitro fertilization in PCOS non-obese patients. A prospective randomized study. 2008 , 25, 365-74		39
481	Quelle valeur attribuer à l'analyse morphologique des spermatozoïdes en microscopie optique?. 2008 , 18, 18-25		1
480	Y chromosome azoospermia factor region microdeletions and recurrent pregnancy loss. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 662.e1-5	6.4	25
479	The biology of infertility: research advances and clinical challenges. 2008 , 14, 1197-213		671
478	Comparison of sperm preparation methods: effect on chromatin and morphology recovery rates and their consequences on the clinical outcome after in vitro fertilization embryo transfer. 2008 , 24, 360-368		
477	Serum concentrations of estradiol and free T4 are inversely correlated with sperm DNA damage in men from an infertility clinic. 2008 , 29, 379-88		24
476	Intracytoplasmic morphologically selected sperm injection: a prospective randomized trial. <i>Reproductive BioMedicine Online</i> , 2008 , 16, 835-41	4	209
475	Double probing of human spermatozoa for persistent histones, surplus cytoplasm, apoptosis and DNA fragmentation. <i>Reproductive BioMedicine Online</i> , 2008 , 16, 570-9	4	41
474	Age-related increase of reactive oxygen species in neat semen in healthy fertile men. 2008 , 71, 490-4		109
473	Comparison of three staining methods for the morphological evaluation of human spermatozoa. <i>Fertility and Sterility</i> , 2008 , 89, 449-55	4.8	34
472	Sperm chromatin structure assay parameters are not related to fertilization rates, embryo quality, and pregnancy rates in in vitro fertilization and intracytoplasmic sperm injection, but might be related to spontaneous abortion rates. <i>Fertility and Sterility</i> , 2008 , 90, 352-9	4.8	196
471	Evaluation of sperm damage: beyond the World Health Organization criteria. <i>Fertility and Sterility</i> , 2008 , 90, 484-5	4.8	20
470	Impact of clinical varicocele and testis size on seminal reactive oxygen species levels in a fertile population: a prospective controlled study. <i>Fertility and Sterility</i> , 2008 , 90, 1103-8	4.8	47
469	Is abnormal sperm function an indicator among couples with recurrent pregnancy loss?. <i>Fertility and Sterility</i> , 2008 , 90, 1854-8	4.8	28
468	Cadmium, lead, and other metals in relation to semen quality: human evidence for molybdenum as a male reproductive toxicant. 2008 , 116, 1473-9		175
467	[Optimal evaluation of the infertile male. 2007 French urological association guidelines]. 2008 , 18, 95-101		15

466	[Surgical treatment of varicocele improves fertility and facilitates medically assisted procreation]. 2008 , 18, 543-9		9
465	Human semen quality and sperm DNA damage in relation to urinary metabolites of pyrethroid insecticides. <i>Human Reproduction</i> , 2008 , 23, 1932-40	5-7	115
464	Trends in the use of intracytoplasmatic sperm injection marked variability between countries. 2008 , 14, 593-604		86
463	Poor semen quality and ROS-TAC scores in patients with idiopathic infertility. 2008 , 81, 263-70		49
462	Testicular Sertoli cell function in male systemic lupus erythematosus. 2008 , 47, 1692-7		56
461	Soy food and isoflavone intake in relation to semen quality parameters among men from an infertility clinic. <i>Human Reproduction</i> , 2008 , 23, 2584-90	5-7	142
460	Parental subfecundity and risk of decreased semen quality in the male offspring: a follow-up study. 2008 , 167, 1458-64		19
459	Semen quality according to prenatal coffee and present caffeine exposure: two decades of follow-up of a pregnancy cohort. <i>Human Reproduction</i> , 2008 , 23, 2799-805	5-7	48
458	Premature separation of sister chromatids in human male meiosis. <i>Human Reproduction</i> , 2008 , 23, 982-7	5-7	12
457	A study to sustain the hypothesis of the multiple genesis of oligoasthenoteratospermia in human idiopathic infertile males. 2008 , 79, 667-73		13
456	Wireless RF communication in biomedical applications. 2008 , 17, 015050		14
455	Enhancement of sperm-zona pellucida (ZP) binding capacity by activation of protein kinase A and C pathways in certain infertile men with defective sperm-ZP binding. <i>Human Reproduction</i> , 2009 , 24, 20-7	5-7	9
454	The Basic Semen Analysis: Interpretation and Clinical Application. 157-160		
453	Evaluation of Sperm Damage: Beyond the WHO Criteria. 161-177		
452	Minor sperm abnormalities in young male post-pubertal patients with juvenile dermatomyositis. 2008 , 41, 1142-7		18
451	Saúde reprodutiva em homens com lúpus eritematoso sistêmico. 2009 , 49,		1
450	Correlation of post swim-up acrosome index with in-vitro fertilization outcomes. 2009 , 50, 352-7		
449	Aspectos da saúde reprodutiva em homens com miopatia inflamatória idiopática: um estudo multicêntrico. 2009 , 49, 677-689		2

448	The potential use of intrauterine insemination as a basic option for infertility: a review for technology-limited medical settings. 2009 , 2009, 584837	25
447	Strict criteria for sperm morphology. 574-581	
446	Semen analysis: semen requirements for intrauterine insemination. 37-52	
445	Poor Reproductive Prognosis in Severe Teratozoospermia with a Predominant Sperm Anomaly/Schlechte Zeugungsflügkeits-Prognose bei schweren, monomorphen Teratozoospermie-Fällen. 2009 , 21, 468-475	1
444	Morphology of seminal and swim-up spermatozoa and the outcome of in vitro fertilization and embryo transfer. 1990 , 22, 369-75	5
443	The diagnostic value of seminal adenosine triphosphate (ATP) in an in vitro fertilization (IVF) program. 1990 , 22, 531-7	5
442	Fertilization failure and dysfunctions as possible causes for human idiopathic infertility. 1991 , 23, 399-414	5
441	Routine hormone load tests are unnecessary in infertile men. 1992 , 24, 219-26	8
440	Hemizona assay (HZA) demonstrates effects of characterized mouse antihuman sperm antibodies on sperm zona binding. 1992 , 24, 271-7	4
439	Hemizona assay and its impact on the identification and treatment of human sperm dysfunctions. 1992 , 24, 307-21	42
438	The relationship between morphology, motility and zona pellucida binding potential of human spermatozoa. 1994 , 26, 1-4	17
437	Wheat germ agglutinin receptors on human sperm membranes and sperm morphology. 1994 , 26, 5-8	7
436	Relation of human sperm acrosin activity and fertilization in vitro. 1994 , 26, 9-15	13
435	Sperm binding capacity of human zona pellucida derived from oocytes obtained from different sources. 1994 , 26, 277-81	9
434	Development of an objective and manual technique to study the human sperm morphology. 1994 , 26, 331-6	6
433	Value of sperm morphology assessed by strict criteria for prediction of the outcome of artificial (intrauterine) insemination. 1995 , 27, 143-8	49
432	The effective cumulative pregnancy rate of different modes of treatment of male infertility. 1995 , 27, 217-21	20
431	Strict criteria for the evaluation of human sperm morphology and its impact on assisted reproduction. 1995 , 27, 325-33	12

430	Comparative studies on various modes of classification of morphology of sperm heads and results in in vitro fertilization--a preliminary report. 1995 , 27, 19-23		13
429	Profiles of sperm morphology and motility after discontinuous multiple-step Percoll density gradient centrifugation. 1996 , 28, 127-31		13
428	In vitro fertilization failure: identification of gamete defects by investigation of sperm-zona pellucida binding capacity of unfertilized oocytes. 1996 , 28, 211-5		1
427	Impact of caspase activation in human spermatozoa. 2009 , 72, 878-88		39
426	Evaluation of sperm's chromatin quality with acridine orange test, chromomycin A3 and aniline blue staining in couples with unexplained recurrent abortion. 2009 , 26, 591-6		84
425	Hereditary haemochromatosis gene (HFE) H63D mutation shows an association with abnormal sperm motility. 2009 , 36, 1709-14		10
424	Varicocele: semen parameters and protamine deficiency. 2009 , 32, 115-22		41
423	Comparison of two staining and evaluation methods used for computerized human sperm morphology evaluations. 1997 , 29, 133-5		9
422	Evaluation of quality of spermatozoa prepared by SpermPrep method as compared to those prepared by MiniPercoll. 1998 , 30, 79-83		1
421	Chromatin cytophotometric analysis of abnormal bovine spermatozoa. 1998 , 30, 85-9		19
420	The outcome of clinical pregnancies following intracytoplasmic sperm injection is not affected by semen quality. 1998 , 30, 91-5		34
419	Association between sperm cell chromatin condensation, morphology based on strict criteria, and fertilization, cleavage and pregnancy rates in an IVF program. 1998 , 30, 29-35		76
418	Semen profiles of male partners in females presenting with endometriosis-associated subfertility. <i>Fertility and Sterility</i> , 2009 , 91, 2477-80	4.8	2
417	Fragmentation of DNA in morphologically normal human spermatozoa. <i>Fertility and Sterility</i> , 2009 , 91, 1077-84	4.8	110
416	Correlation between DNA damage and sperm parameters: a prospective study of 1,633 patients. <i>Fertility and Sterility</i> , 2009 , 91, 1801-5	4.8	122
415	The impact of peritoneal fluid from healthy women and from women with endometriosis on sperm DNA and its relationship to the sperm deformity index. <i>Fertility and Sterility</i> , 2009 , 92, 61-7	4.8	42
414	The mouse gamete adhesin, SED1, is expressed on the surface of acrosome-intact human sperm. <i>Fertility and Sterility</i> , 2009 , 92, 2014-9	4.8	12
413	Developmental sperm contributions: fertilization and beyond. <i>Fertility and Sterility</i> , 2009 , 92, 835-848	4.8	114

412	[Teratozoospermia at the time of intracytoplasmic morphologically selected sperm injection (IMSI)]. 2009 , 37, 552-7		16
411	Male Infertility. 2009 , 547-559		1
410	A systematic, multidisciplinary approach to address the reproductive needs of HIV-seropositive women. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 257-63	4	12
409	Motile sperm organelle morphology examination is stricter than Tygerberg criteria. <i>Reproductive BioMedicine Online</i> , 2009 , 18, 320-6	4	53
408	A genetic survey of 1935 Turkish men with severe male factor infertility. <i>Reproductive BioMedicine Online</i> , 2009 , 18, 465-74	4	20
407	Impact of intracytoplasmic morphologically selected sperm injection on assisted reproduction outcome: a review. <i>Reproductive BioMedicine Online</i> , 2009 , 19 Suppl 3, 45-55	4	62
406	[Exploration of testicular function]. 2009 , 56, 18-31		1
405	Role of testosterone/estradiol ratio in predicting the efficacy of tamoxifen citrate treatment in idiopathic oligoasthenoteratozoospermic men. 2009 , 83, 446-51		17
404	Selenium supplementation does not affect testicular selenium status or semen quality in North American men. 2009 , 30, 525-33		51
403	Follicular-fluid anti-Mullerian hormone concentrations are predictive of assisted reproduction outcome in PCOS patients. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 631-7	4	14
402	Evaluation of nuclear maturity in human spermatozoa obtained by sperm-preparation methods. 1994 , 26, 173-6		10
401	Clinical significance of the low normal sperm morphology value as proposed in the fifth edition of the WHO Laboratory Manual for the Examination and Processing of Human Semen. 2010 , 12, 47-58		126
400	Semen quality and sperm DNA damage in relation to urinary bisphenol A among men from an infertility clinic. 2010 , 30, 532-9		275
399	Morphometric characteristics and chromatin integrity of spermatozoa in three Italian dog breeds. 2010 , 51, 624-7		14
398	TUNEL assay and SCSA determine different aspects of sperm DNA damage. 2010 , 42, 305-13		70
397	Practical semen analysis: from A to Z. 2010 , 12, 14-20		29
396	Basic semen analysis. 33-76		
395	Evaluation of semen parameters in semen donors in a ten-year period in the city of Sã Paulo. 2010 , 8, 423-9		5

394	Quality management and accreditation. 227-248		2
393	Impact of insemination technique, semen quality and oocyte cryopreservation on pronuclear morphology of zygotes derived from sibling oocytes. 2010 , 18, 61-8		2
392	Workplace exposures and male infertility - a case-control study. 2010 , 23, 331-8		22
391	SpermBlue: a new universal stain for human and animal sperm which is also amenable to automated sperm morphology analysis. 2009 , 84, 299-308		56
390	Is your andrology service up to scratch?. 2010 , 13, 194-200		11
389	Clinical Andrology. 2010 ,		1
388	Maternal alcohol consumption during pregnancy and semen quality in the male offspring: two decades of follow-up. <i>Human Reproduction</i> , 2010 , 25, 2340-5	5-7	41
387	Value of quantitative ultramorphological sperm analysis in infertile men. 2010 , 10, 125-39		9
386	Association between human in vitro fertilization rate and pregnancy outcome: a possible involvement of spermatozoal quality in subsequent embryonic viability. 1993 , 19, 357-73		3
385	Alkylation of sperm DNA is associated with male factor infertility and a reduction in the proportion of oocytes fertilised during assisted reproduction. 2010 , 698, 18-23		8
384	[Which assisted reproduction technique as a function of sperm morphology?]. 2010 , 38, 508-10		3
383	Does severe teratozoospermia affect blastocyst formation, live birth rate, and other clinical outcome parameters in ICSI cycles?. <i>Fertility and Sterility</i> , 2010 , 93, 1097-103	4.8	66
382	Body mass index in relation to semen quality, sperm DNA integrity, and serum reproductive hormone levels among men attending an infertility clinic. <i>Fertility and Sterility</i> , 2010 , 93, 2222-31	4.8	350
381	Semen quality and reproductive hormones according to birthweight and body mass index in childhood and adult life: two decades of follow-up. <i>Fertility and Sterility</i> , 2010 , 94, 610-8	4.8	57
380	Relationship between semen parameters and spontaneous pregnancy. <i>Fertility and Sterility</i> , 2010 , 94, 624-30	4.8	24
379	Effects of resveratrol supplementation on cryopreservation medium of human semen. <i>Fertility and Sterility</i> , 2010 , 94, 2118-21	4.8	59
378	The effect of age on the expression of apoptosis biomarkers in human spermatozoa. <i>Fertility and Sterility</i> , 2010 , 94, 2609-14	4.8	29
377	Abnormal sperm count and motility on semen analysis are not sufficiently predictive of abnormal Kruger morphology. <i>Fertility and Sterility</i> , 2010 , 94, 2882-4	4.8	2

376	Healthy baby born after reduction of sperm DNA fragmentation using cell sorting before ICSI. <i>Reproductive BioMedicine Online</i> , 2010 , 20, 320-3	4	65
375	Intracytoplasmic sperm injection outcome versus intracytoplasmic morphologically selected sperm injection outcome: a meta-analysis. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 450-5	4	110
374	Incorrect DNA methylation of the DAZL promoter CpG island associates with defective human sperm. <i>Human Reproduction</i> , 2010 , 25, 2647-54	5.7	114
373	Natural sperm birefringence can be used to estimate sperm viability and morphology. 2010 , 56, 465-72		8
372	The Boston IVF Handbook of Infertility. 2011 ,		4
371	[Motile sperm organelle morphology examination: toward a consensus?]. 2011 , 39, 309-14		3
370	Use of high-magnification microscopy for the assessment of sperm recovered after two different sperm processing methods. <i>Fertility and Sterility</i> , 2011 , 95, 277-80	4.8	26
369	The relationship between isolated teratozoospermia and clinical pregnancy after in vitro fertilization with or without intracytoplasmic sperm injection: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2011 , 95, 1141-5	4.8	59
368	Are serum levels of vitamin D associated with semen quality? Results from a cross-sectional study in young healthy men. <i>Fertility and Sterility</i> , 2011 , 95, 1000-4	4.8	87
367	Intracytoplasmic morphologically selected sperm injection benefits for patients with oligoasthenozoospermia according to the 2010 World Health Organization reference values. <i>Fertility and Sterility</i> , 2011 , 95, 2711-4	4.8	29
366	National semen analysis reference range reporting: adherence to the 1999 World Health Organization guidelines 10 years later. <i>Fertility and Sterility</i> , 2011 , 95, 2320-3	4.8	12
365	Sperm morphology: classification drift over time and clinical implications. <i>Fertility and Sterility</i> , 2011 , 96, 1350-4	4.8	15
364	Luteal phase support may improve pregnancy outcomes during intrauterine insemination cycles. 2011 , 157, 57-62		22
363	Head morphometric changes in cryopreserved ram spermatozoa are related to sexual maturity. 2011 , 75, 473-81		24
362	Semen parameters and sperm DNA fragmentation as causes of recurrent pregnancy loss. 2011 , 78, 792-6		74
361	Live birth after transfer of a twice-vitrified warmed blastocyst that had undergone trophectoderm biopsy. <i>Reproductive BioMedicine Online</i> , 2011 , 22, 299-302	4	7
360	Aumento del daño en el ADN espermático en varones mayores de 40 años. 2011 , 139, 306-312		2
359	The progressive simplification of the infertility evaluation. 2011 , 66, 31-41		7

358	Subsequent effect of subacute T-2 toxicosis on spermatozoa, seminal plasma and testosterone production in rabbits. 2011 , 5, 1563-9	17
357	Proteasome activity and proteasome subunit transcripts in human spermatozoa separated by a discontinuous Percoll gradient. 2011 , 43, 106-13	7
356	Sperm morphology assessment using David's classification: time to switch to strict criteria? Prospective comparative analysis in a selected IVF population. 2011 , 34, 145-52	18
355	Does breastfeeding influence future sperm quality and reproductive hormones?. 2011 , 34, 165-72	3
354	Measurement and significance of sperm morphology. 2011 , 13, 59-68	107
353	Recombinant FSH versus clomiphene citrate for ovarian stimulation in couples with unexplained infertility and male subfertility undergoing intrauterine insemination: a randomized trial. 2011 , 284, 1561-6	37
352	Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in Bandirma, Turkey. 2011 , 85, 589-600	54
351	Severe teratozoospermia and its influence on pronuclear morphology, embryonic cleavage and compaction. 2011 , 9, 37	18
350	An update on the clinical assessment of the infertile male. [corrected]. 2011 , 66, 691-700	149
349	Urinary concentrations of parabens and serum hormone levels, semen quality parameters, and sperm DNA damage. 2011 , 119, 252-7	233
348	Environmental exposure to polychlorinated biphenyls and p,p'-DDE and sperm sex-chromosome disomy. 2012 , 120, 535-40	40
347	Testicular function in patients with type 1 diabetes treated with high-dose CY and autologous hematopoietic SCT. 2012 , 47, 467-8	11
346	The modern infertility evaluation. 2012 , 55, 692-705	10
345	Seasonal variability in the fertilization rate of women undergoing assisted reproduction treatments. 2012 , 28, 549-52	10
344	The association between sperm sex chromosome disomy and semen concentration, motility and morphology. <i>Human Reproduction</i> , 2012 , 27, 2918-26	5-7 12
343	Morphopathology of Sperm: It's Impact on Fertilization. 2012 , 3, 1-8	1
342	Do men really have a fat chance of having a family?. 2012 , 37, 247-250	
341	Dietary fat and semen quality among men attending a fertility clinic. <i>Human Reproduction</i> , 2012 , 27, 1466-74	163

340	CASA derived human sperm abnormalities: correlation with chromatin packing and DNA fragmentation. 2012 , 29, 1327-34	22
339	The impact of simple orchiectomy on semen quality and endocrine parameters in postpubertal cryptorchid men. 2012 , 44, 1617-22	8
338	Reproductive toxicity in boron exposed workers in Bandirma, Turkey. 2012 , 26, 165-7	25
337	Correlation between DNA defect and sperm-head morphology. <i>Reproductive BioMedicine Online</i> , 2012 , 24, 211-8	4 75
336	Absence of rapid and linear progressive motile spermatozoa "grade A" in semen specimens: does it change intrauterine insemination outcomes?. 2012 , 80, 1262-6	8
335	Essential Urology. 2012 ,	
334	Factors Relating with Fertilization Failure in Conventional IVF-ET Cycles. 2012 , 23, 245-253	3
333	Association of mutations in the zona pellucida binding protein 1 (ZBP1) gene with abnormal sperm head morphology in infertile men. 2012 , 18, 14-21	51
332	Primary antiphospholipid syndrome: morphofunctional penile abnormalities with normal sperm analysis. 2012 , 21, 251-6	13
331	Critical appraisal of World Health Organization's new reference values for human semen characteristics and effect on diagnosis and treatment of subfertile men. 2012 , 79, 16-22	144
330	Glutathione peroxidase activity in seminal plasma and its relationship to classical sperm parameters and in vitro fertilization-intracytoplasmic sperm injection outcome. <i>Fertility and Sterility</i> , 2012 , 97, 852-74.8	16
329	Diagnostic evaluation of the infertile male: a committee opinion. <i>Fertility and Sterility</i> , 2012 , 98, 294-301.4.8	79
328	Phthalates exposure of Chinese reproductive age couples and its effect on male semen quality, a primary study. 2012 , 42, 78-83	118
327	[Nutrition and miscarriages: a literature review]. 2012 , 40, 162-9	7
326	Environmental exposure to arsenic may reduce human semen quality: associations derived from a Chinese cross-sectional study. 2012 , 11, 46	60
325	Effects of varicocelectomy on sperm DNA fragmentation, mitochondrial function, chromatin condensation, and apoptosis. 2012 , 33, 389-96	72
324	[Can specialized sperm analysis predict fertilization ability?]. 2012 , 40, 543-8	0
323	Re: Is intracytoplasmic sperm injection overused?: B. Hodes-Wertz, C. M. Mullin, A. Adler, N. Noyes, J. A. Grifo and A. S. Berkeley. <i>J Urol</i> 2012; 187: 602-606. 2012 , 188, 1051-2	

322	Análisis de la expresión de 4 micro-ARN en espermatozoides y su implicación en la fertilidad masculina. 2012 , 10, 92-97	1
321	Intermittent Hypoxia and Human Diseases. 2012 ,	11
320	Antioxidants in IMSI. 2012 , 449-458	
319	Rapid thawing human sperm does not affect basic parameters in normozoospermic men: a double-blind prospective study. 2012 , 38, 108-15	6
318	Influence of strict sperm morphology on the results of classic in vitro fertilization. 2012 , 38, 519-28	10
317	Effect of sample size and staining methods on stallion sperm morphometry by the Sperm Class Analyzer : 2012 , 50, 24-32	27
316	New Advances in Intracytoplasmic Sperm Injection (ICSI). 2012 ,	2
315	DNA sperm damage correlates with nuclear ultrastructural sperm defects in teratozoospermic men. 2012 , 44, 59-65	21
314	Associations between testosterone, bone mineral density, vitamin D and semen quality in fertile and infertile Chinese men. 2012 , 35, 783-92	62
313	Relationship between chromatin condensation, DNA integrity and quality of ejaculated spermatozoa from infertile men. 2012 , 44, 187-99	26
312	Total anti-oxidant status: a biochemical predictor of human male fertility. 2012 , 44 Suppl 1, 20-5	6
311	Kruger strict morphology and post-thaw progressive motility in cryopreserved human spermatozoa. 2012 , 44 Suppl 1, 81-6	13
310	Accurate sperm morphology assessment predicts sperm function. 2012 , 44 Suppl 1, 571-7	14
309	Poor sperm quality and advancing age are associated with increased sperm DNA damage in infertile men. 2012 , 44 Suppl 1, 642-9	89
308	A plea for a more physiological ICSI. 2012 , 44 Suppl 1, 2-19	9
307	Assessment of DNA integrity (COMET assay) in sperm cells of boron-exposed workers. 2012 , 86, 27-35	32
306	Value of sperm chromatin dispersion test in couples with unexplained recurrent abortion. 2012 , 29, 11-4	44
305	Sperm quality and its relationship to natural and assisted conception: British Fertility Society guidelines for practice. 2013 , 16, 175-93	51

304	Focus on intracytoplasmic morphologically selected sperm injection (IMSI): a mini-review. 2013 , 15, 608-15		27
303	Twelve years of MSOME and IMSI: a review. <i>Reproductive BioMedicine Online</i> , 2013 , 27, 338-52	4	38
302	Association between a biomarker of exposure to polycyclic aromatic hydrocarbons and semen quality. 2013 , 26, 790-801		18
301	Human Gametes and Preimplantation Embryos. 2013 ,		5
300	Penile alterations with severe sperm abnormalities in antiphospholipid syndrome associated with systemic lupus erythematosus. 2013 , 32, 109-13		20
299	Human urinary phthalate metabolites level and main semen parameters, sperm chromatin structure, sperm aneuploidy and reproductive hormones. 2013 , 42, 232-41		107
298	The apoptotic pathway in fertile and subfertile men: a case-control and prospective study to examine the impact of merocyanine 540 bodies on ejaculated spermatozoa. <i>Fertility and Sterility</i> , 2013 , 99, 1242-8	4.8	7
297	Seasonal variations of human sperm cells among 6455 semen samples: a plausible explanation of a seasonal birth pattern. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 208, 406.e1-6	6.4	30
296	Sperm morphology classification: a rational method for schemes adopted by the world health organization. 2013 , 927, 27-37		24
295	New molecular markers for the evaluation of gamete quality. 2013 , 30, 207-12		37
294	Sperm vacuoles negatively affect outcomes in intracytoplasmic morphologically selected sperm injection in terms of pregnancy, implantation, and live-birth rates. <i>Fertility and Sterility</i> , 2013 , 100, 379-85	4.8	19
293	Effects of molybdenum on sperm quality and testis oxidative stress. 2013 , 59, 251-5		21
292	Evaluation of morphological criteria of sperm quality before in vitro fertilization and intracytoplasmic sperm injection. 2013 , 16, 773-85		10
291	Environmental exposure to pyrethroids and sperm sex chromosome disomy: a cross-sectional study. 2013 , 12, 111		25
290	Utilizing the Hirsch index to compare top obstetrics and gynecology researchers and the effect of readership volume on establishing solid benchmarks. 2013 , 3, 94-101		
289	Functional anatomy of the hypothalamic-pituitary-gonadal axis and the male reproductive tract. 1-10		
288	The semen analysis. 23-34		
287	History and physical examination. 39-50		

286 Abnormalities of semen parameters. 51-57

285 Probing the effect of human normal sperm morphology rate on cycle outcomes and assisted reproductive methods selection. **2014**, 9, e113392 18

284 Clinical relevance of routine semen analysis and controversies surrounding the 2010 World Health Organization criteria for semen examination. **2014**, 40, 443-53 88

283 Observation of sperm-head vacuoles and sperm morphology under light microscope. **2014**, 41, 132-6 7

282 Effects of hydrostatic pressure on mouse sperm. **2014**, 115, 70-5 1

281 Effects of occupational exposure - is there a link between exposure based on an occupational questionnaire and semen quality?. **2014**, 60, 227-33 26

280 Positive association of sperm dysfunction in the pathogenesis of recurrent pregnancy loss. **2014**, 8, OC07-10 9

279 Impact of unilateral tubal blockage diagnosed by hysterosalpingography on the success rate of treatment with controlled ovarian stimulation and intrauterine insemination. **2014**, 34, 127-30 13

278 Sperm motility and DNA integrity affected by different g-forces in the preparation of sperm in urine specimens. **2014**, 46, 391-8

277 Adult testicular volume predicts spermatogenetic recovery after allogeneic HSCT in childhood and adolescence. **2014**, 61, 1094-100 21

276 Human sperm sex chromosome disomy and sperm DNA damage assessed by the neutral comet assay. *Human Reproduction*, **2014**, 29, 2148-55 5-7 6

275 Twenty-four hours abstinence and the quality of sperm parameters. **2014**, 46, 692-7 15

274 Male Infertility. **2014**, 538-550.e2 3

273 Quality of human spermatozoa: relationship between high-magnification sperm morphology and DNA integrity. **2014**, 46, 547-55 33

272 Processed meat intake is unfavorably and fish intake favorably associated with semen quality indicators among men attending a fertility clinic. **2014**, 144, 1091-8 64

271 Semen quality and the level of reproductive hormones after environmental exposure to pyrethroids. **2014**, 56, 1113-9 37

270 Assessment of human sperm morphology. **2014**, 4, 75-84 0

269 Sperm selection: effect on sperm DNA quality. **2014**, 791, 151-72 13

268	Occupational, life stress and family functioning: does it affect semen quality?. 2014 , 41, 220-8		13
267	Assisted Reproduction. 2014 , 734-773.e12		1
266	Ubiquinol effect on sperm parameters in subfertile men who have astheno-teratozoospermia with normal sperm concentration. 2014 , 6, e16870		10
265	Impact of estradiol monitoring on the prediction of intrauterine insemination outcome. 2014 , 9, 36-40		1
264	Genetic Damage in Human Spermatozoa. 2014 ,		6
263	A translational medicine appraisal of specialized andrology testing in unexplained male infertility. 2014 , 46, 1037-52		57
262	Paternal physical and sedentary activities in relation to semen quality and reproductive outcomes among couples from a fertility center. <i>Human Reproduction</i> , 2014 , 29, 2575-82	5-7	49
261	Sperm vacuoles cannot help to differentiate fertile men from infertile men with normal sperm parameter values. <i>Human Reproduction</i> , 2014 , 29, 2359-67	5-7	5
260	Lifestyle and semen quality: role of modifiable risk factors. 2014 , 60, 43-51		66
259	Morphological alterations in protamine-deficient spermatozoa. <i>Human Reproduction</i> , 2014 , 29, 2374-81	5-7	27
258	Dairy intake and semen quality among men attending a fertility clinic. <i>Fertility and Sterility</i> , 2014 , 101, 1280-7	4-8	59
257	Semen quality, infertility and mortality in the USA. <i>Human Reproduction</i> , 2014 , 29, 1567-74	5-7	136
256	The office visit. 2014 , 41, 19-37		15
255	Digital holographic microscopy for the evaluation of human sperm structure. 2014 , 22, 446-54		21
254	Holographic imaging of unlabelled sperm cells for semen analysis: a review. 2015 , 8, 779-89		42
253	Male infertility. 898-917		
252	Evaluation of DNA fragmentation in teratozoospermic infertile men compared with normozoospermic fertile men and its correlation with sperm morphology. 2015 , 5, 82-85		1
251	Isolated abnormal strict morphology is not a contraindication for intrauterine insemination. <i>Andrology</i> , 2015 , 3, 1088-93	4-2	19

250	Outcomes of Intracytoplasmic Sperm Injection Cycles for Complete Teratozoospermia: A Case-Control Study Using Paired Sibling Oocytes. 2015 , 2015, 470819		6
249	Fruit and vegetable intake and their pesticide residues in relation to semen quality among men from a fertility clinic. <i>Human Reproduction</i> , 2015 , 30, 1342-51	5-7	74
248	Morphological Variation in the Sperm Head of Ryukyu Long-Furred Rat, <i>Diplothrix legata</i> . 2015 , 40, 193-196		1
247	Metformin inhibits monocyte-to-macrophage differentiation via AMPK-mediated inhibition of STAT3 activation: potential role in atherosclerosis. 2015 , 64, 2028-41		230
246	Relationship between semen production and medical comorbidity. <i>Fertility and Sterility</i> , 2015 , 103, 66-71	4.8	114
245	Counseling and diagnostic evaluation for the infertile couple. 2015 , 42, 1-14		7
244	Time-related increase in urinary testosterone levels and stable semen analysis parameters after bariatric surgery in men. <i>Reproductive BioMedicine Online</i> , 2015 , 30, 150-6	4	29
243	The association between environmental exposure to pyrethroids and sperm aneuploidy. 2015 , 128, 42-8		33
242	Diagnostic evaluation of the infertile male: a committee opinion. <i>Fertility and Sterility</i> , 2015 , 103, e18-25	4.8	247
241	Morphometric Characteristics of Spermatozoa in the Arabian Horse With Regard to Season, Age, Sperm Concentration, and Fertility. 2015 , 35, 244-249		9
240	Evaluation of Women with Unexplained Infertility. 2015 , 213-221		
239	Sperm morphological normality under high magnification predicts laboratory and clinical outcomes in couples undergoing ICSI. 2015 , 18, 81-6		8
238	Investigation on Axicon Transformation in Digital Holography for Extending the Depth of Focus in Bio-Microfluidics Applications. 2015 , 11, 861-866		5
237	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. <i>Fertility and Sterility</i> , 2015 , 104, 591-601	4.8	69
236	Interferometric phase microscopy for label-free morphological evaluation of sperm cells. <i>Fertility and Sterility</i> , 2015 , 104, 43-7.e2	4.8	31
235	Role of Assisted Reproduction Techniques in the Management of Unexplained Male Infertility. 2015 , 335-346		
234	Influence of Male Hyperinsulinemia on IVF Outcome. 2015 , 327-337		
233	Engaging practicing gynecologists in the management of infertile men. 2015 , 65, 75-87		4

232	Proportion of adults with sickle cell anemia and pain crises receiving hydroxyurea. 2015 , 313, 1671-2		42
231	Total motile sperm count: a better indicator for the severity of male factor infertility than the WHO sperm classification system. <i>Human Reproduction</i> , 2015 , 30, 1110-21	5-7	119
230	Occupational risk factors and frequency of sex chromosome disomy. 2015 , 18, 200-7		1
229	Influence of male hyperinsulinaemia on IVF outcome. 2015 , 47, 91-6		1
228	Phthalates might interfere with testicular function by reducing testosterone and insulin-like factor 3 levels. <i>Human Reproduction</i> , 2015 , 30, 2658-70	5-7	39
227	Associations between urinary phthalate concentrations and semen quality parameters in a general population. <i>Human Reproduction</i> , 2015 , 30, 2645-57	5-7	90
226	Is Varicocele Useful for Subfertile Men with Isolated Teratozoospermia?. 2015 , 86, 1123-8		2
225	Dialkyl phosphate urinary metabolites and chromosomal abnormalities in human sperm. 2015 , 143, 256-65		8
224	The relationship between exposure to air pollution and sperm disomy. 2015 , 56, 50-9		34
223	Improved blastocyst formation with reduced culture volume: comparison of three different culture conditions on 1128 sibling human zygotes. 2015 , 32, 215-20		20
222	The effect of environmental exposure to pyrethroids and DNA damage in human sperm. 2015 , 61, 37-43		54
221	Non-Invasive Sperm Selection for In Vitro Fertilization. 2015 ,		3
220	How accurate is sperm morphology as an indicator of sperm function?. 2015 , 47, 720-3		9
219	A new technique for analysis of human sperm morphology in unstained cells from raw semen. 2016 , 28, 428-33		18
218	Current updates on laboratory techniques for the diagnosis of male reproductive failure. 2016 , 18, 392-401		40
217	Can blood and semen presepsin levels in males predict pregnancy in couples undergoing intra-cytoplasmic sperm injection?. 2016 , 32, 1116-1120		
216	Men with a complete absence of normal sperm morphology exhibit high rates of success without assisted reproduction. 2017 , 19, 39-42		29
215	Are there optimal numbers of oocytes, spermatozoa and embryos in assisted reproduction?. 2016 , 20, 142-9		9

214	The Effects of Total Motile Sperm Count on Spontaneous Pregnancy Rate and Pregnancy After IUI Treatment in Couples with Male Factor and Unexplained Infertility. 2016 , 70, 39-43		26
213	Combination of density gradient centrifugation and swim-up methods effectively decreases morphologically abnormal sperms. 2016 , 62, 599-606		15
212	Sperm Selection Techniques and their Relevance to ART. 2016 , 1-43		1
211	Dietary Patterns and the Frequency of Disomy in Human Sperm. 2016 , 93, 86-91		10
210	Sperm DNA damage-the effect of stress and everyday life factors. 2016 , 28, 148-54		31
209	A crossover-crossback prospective study of dibutyl-phthalate exposure from mesalamine medications and semen quality in men with inflammatory bowel disease. 2016 , 95, 120-30		25
208	Spermatozoa from normozoospermic fertile and infertile individuals convey a distinct miRNA cargo. <i>Andrology</i> , 2016 , 4, 1028-1036	4.2	29
207	Diagnostic Tests in the Evaluation of Male Infertility. 2016 , 1-10		2
206	Role of Abnormal Sperm Morphology in Predicting Pregnancy Outcomes. 2016 , 17, 67		11
205	Seasonal variation of human sperm cells among 4,422 semen samples: A retrospective study in Turkey. 2016 , 62, 379-386		13
204	Uncertainty of measurement and clinical value of semen analysis: has standardisation through professional guidelines helped or hindered progress?. <i>Andrology</i> , 2016 , 4, 763-70	4.2	27
203	Andrological Evaluation of Male Infertility. 2016 ,		16
202	Food intake diet and sperm characteristics in a blue zone: a Loma Linda Study. 2016 , 203, 112-5		8
201	Comprehensive analysis of histone post-translational modifications in mouse and human male germ cells. 2016 , 9, 24		67
200	Selective use of percutaneous testis biopsy to optimize IVF-ICSI outcomes: a case series. 2016 , 2, 7		5
199	The importance of transmission electron microscopy analysis of spermatozoa: Diagnostic applications and basic research. 2016 , 62, 171-83		17
198	The role of in-vivo and in-vitro maturation time on ooplasmic dysmaturity. <i>Reproductive BioMedicine Online</i> , 2016 , 32, 401-6	4	21
197	Exposure to ambient air pollution--does it affect semen quality and the level of reproductive hormones?. 2016 , 43, 50-6		65

196	Effect of normal sperm morphology rate (NSMR) on clinical outcomes and fertilization methods selection in the ultra-short-term GnRH-a protocol. 2016 , 32, 120-3		4
195	Semen quality and insulin-like factor 3: Associations with urinary and seminal levels of phthalate metabolites in adult males. 2017 , 173, 594-602		50
194	Male caffeine and alcohol intake in relation to semen parameters and in vitro fertilization outcomes among fertility patients. <i>Andrology</i> , 2017 , 5, 354-361	4.2	34
193	What Does a Single Semen Sample Tell You? Implications for Male Factor Infertility Research. 2017 , 186, 918-926		30
192	Effect of normal sperm morphology rate (NSMR) on clinical outcomes for rescue-ICSI(R-ICSI) patients. 2017 , 33, 458-461		3
191	Environmental exposure to parabens and sperm chromosome disomy. 2017 , 27, 332-343		11
190	Sorting spermatozoa by morphology using magnetophoresis. 2017 , 21, 1		2
189	Predicting the clinical outcome of ICSI by sperm head vacuole examination. 2017 , 63, 29-36		9
188	Sperm morphology: assessment, pathophysiology, clinical relevance, and state of the art in 2017. <i>Andrology</i> , 2017 , 5, 845-862	4.2	48
187	The Vienna consensus: report of an expert meeting on the development of ART laboratory performance indicators. <i>Reproductive BioMedicine Online</i> , 2017 , 35, 494-510	4	116
186	Self-reported mobile phone use and semen parameters among men from a fertility clinic. 2017 , 67, 42-47		16
185	Coenzyme Q10 Intake From Food and Semen Parameters in a Subfertile Population. 2017 , 102, 100-105		13
184	The Vienna consensus: report of an expert meeting on the development of art laboratory performance indicators. 2017 , 2017, hox011		28
183	A retrospective Comparison of Clinical Outcome Following Conventional In-Vitro Fertilization (c-IVF) vs Intracytoplasmic Sperm Injection (ICSI) for 100% Teratozoospermia Patients. 2017 , 02,		
182	Hypertension and Male Fertility. 2017 , 35, 59-64		29
181	Urinary concentrations of 3-(diethylcarbamoyl)benzoic acid (DCBA), a major metabolite of N,N-diethyl-m-toluamide (DEET) and semen parameters among men attending a fertility center. <i>Human Reproduction</i> , 2017 , 32, 2532-2539	5.7	2
180	Unlabeled Semen Analysis by Means of the Holographic Imaging. 2017 ,		
179	The correlation of sperm morphology with unexplained recurrent spontaneous abortion: A systematic review and meta-analysis. 2017 , 8, 55646-55656		27

178	Evaluation of the impact of sperm morphology on embryo aneuploidy rates in a donor oocyte program. 2018 , 64, 169-173	4
177	Comparison of semen quality between university-based and private assisted reproductive technology laboratories. 2018 , 52, 65-69	1
176	Impact of weight loss on sperm DNA integrity in obese men. 2018 , 50, e12957	23
175	Male Infertility Diagnosis and Treatment in the Era of In Vitro Fertilization and Intracytoplasmic Sperm Injection. 2018 , 102, 337-347	33
174	Effects of staining method and clinician experience on the evaluation of stallion sperm morphology. 2018 , 188, 165-169	9
173	Clinical Approaches to Male Factor Infertility. 2018 , 123-141	
172	[Capacitation and acrosome reaction are associated with changes in sialic acid location and head morphometry in human sperm]. 2018 , 16, 20-27	1
171	Hair mercury (Hg) levels, fish consumption and semen parameters among men attending a fertility center. 2018 , 221, 174-182	22
170	Environmental levels of triclosan and male fertility. 2018 , 25, 5484-5490	24
169	Secular trends in semen parameters among men attending a fertility center between 2000 and 2017: Identifying potential predictors. 2018 , 121, 1297-1303	38
168	Urinary Bisphenol A Levels and Male Fertility. 2018 , 12, 2144-2151	41
167	Abnormal Human Sperm Parameters Contribute to Sperm DNA Fragmentation in Men with Varicocele. 2018 , 36, 239-247	17
166	Assessment of Human Sperm Cells Morphological Parameters. 2018 ,	
165	Dual Tree Complex Wavelet Transform Based Sperm Abnormality Classification. 2018 ,	4
164	CASA in the medical laboratory: CASA in diagnostic andrology and assisted conception. 2018 , 30, 850-859	13
163	Residential distance to major roadways and semen quality, sperm DNA integrity, chromosomal disomy, and serum reproductive hormones among men attending a fertility clinic. 2018 , 221, 830-837	10
162	Intracytoplasmic sperm injection for male infertility and consequences for offspring. 2018 , 15, 535-562	69
161	Standardized Semen Analysis and Quality Control Management for Multicenter Male Reproductive Toxicology Clinical Trials. 2018 , 371-386	0

160	Laboratory Evaluation of Bulk Seminal Parameters. 2018 , 54-58		
159	Understanding Bulk Seminal Parameters. 2018 , 50-53		
158	Sperm Morphology. 2018 , 85-95		1
157	Evaluation of Male Infertility. 2018 , 47-58		1
156	The use of aniline blue chromatin condensation test on prediction of pregnancy in mild male factor and unexplained male infertility. 2018 , 50, e13111		7
155	The association between urinary concentrations of phosphorous-containing flame retardant metabolites and semen parameters among men from a fertility clinic. 2018 , 221, 809-815		19
154	Type of underwear worn and markers of testicular function among men attending a fertility center. <i>Human Reproduction</i> , 2018 , 33, 1749-1756	5-7	13
153	The Joneses and the Jones Institute. 66-74		1
152	Assisted Reproduction. 2019 , 779-822.e16		2
151	Prognostic Factors to Achieve Higher Pregnancy and Live Birth Rate in Intrauterine Insemination Among Subfertile Women. 2019 , 01, 106-114		
150	Pesticide interactions and risks of sperm chromosomal abnormalities. 2019 , 222, 1021-1029		8
149	Urinary bisphenol S concentrations: Potential predictors of and associations with semen quality parameters among men attending a fertility center. 2019 , 131, 105050		23
148	When to do intracytoplasmic sperm injection: a prospective comparison. 2019 , 300, 1461-1471		4
147	DNA variants are an unlikely explanation for the changing quality of spermatozoa within the same individual. 2019 , 1-13		
146	Urinary triclosan concentrations and semen quality among men from a fertility clinic. 2019 , 177, 108633		14
145	Conventional IVF improves blastocyst rate and quality compared to ICSI when used in patients with mild or moderate teratozoospermia. 2019 , 65, 458-464		7
144	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. <i>Fertility and Sterility</i> , 2019 , 112, 831-841	4.8	12
143	Marijuana smoking and markers of testicular function among men from a fertility centre. <i>Human Reproduction</i> , 2019 , 34, 715-723	5-7	36

142	Sperm Morphology: History, Challenges, and Impact on Natural and Assisted Fertility. 2019 , 20, 43	15
141	Oxidative stress and phenotype frequencies of paraoxonase-1 in teratozoospermia. 2019 , 51, e13299	1
140	Morphological indices for canine spermatozoa based on the World Health Organization laboratory manual for human semen. 2019 , 54, 949-955	4
139	Evaluation of the DNA damage in lymphocytes, sperm and buccal cells of workers under environmental and occupational boron exposure conditions. 2019 , 843, 33-39	8
138	Histone modification signatures in human sperm distinguish clinical abnormalities. 2019 , 36, 267-275	21
137	Semen parameters on the day of oocyte retrieval predict low fertilization during conventional insemination IVF cycles. 2019 , 36, 291-298	8
136	PM2.5 exposure impairs sperm quality through testicular damage dependent on NALP3 inflammasome and miR-183/96/182 cluster targeting FOXO1 in mouse. 2019 , 169, 551-563	48
135	Effect of sperm selection using hyaluronan on fertilization and quality of cleavage-stage embryos in intracytoplasmic sperm injection (ICSI) cycles of couples with severe teratozoospermia. 2020 , 36, 456-459	0
134	Impact of time between repeated sperm freezing cycles on sperm quality. 2020 , 20, 75-80	2
133	Bariatric Surgery Impact on Reproductive Hormones, Semen Analysis, and Sperm DNA Fragmentation in Men with Severe Obesity: Prospective Study. 2020 , 30, 4840-4851	8
132	Efficacy of varicocelectomy in primary infertile patients with isolated teratozoospermia. A retrospective analysis. 2020 , 52, e13875	0
131	Is Intracytoplasmic Sperm Injection the Solution for all in Unexplained Infertility?. 2020 , 38, 36-47	2
130	The effect of modifiable lifestyle factors on semen quality. 2020 , 18, 151-158	3
129	Delta-9 THC can be detected and quantified in the semen of men who are chronic users of inhaled cannabis. 2020 , 37, 1497-1504	3
128	Impact of sperm characteristics on time-lapse embryo morphokinetic parameters and clinical outcome of conventional in vitro fertilization. <i>Andrology</i> , 2020 , 8, 1107-1116	4.2 4
127	The Association Between Race, Obesity, and Sperm Quality Among Men Attending a University Physician Practice in Washington, DC. 2020 , 14, 1557988320925985	3
126	Association of Dietary Patterns With Testicular Function in Young Danish Men. 2020 , 3, e1921610	17
125	Diagnostic value of routine semen analysis in clinical andrology. 2021 , 53, e13614	18

124	Sperm morphology and its disorders in the context of infertility. 2021 , 2, 75-92		2
123	A bibliometric analysis of obstetrics and gynecology articles with highest relative citation ratios, 1980 to 2019. 2021 , 3, 100293		6
122	Impact of Intracytoplasmic Morphologically Selected Sperm Injection (IMSI) on Birth Defects: A Systematic Review and Meta-Analysis. 2021 , 25, 466-472		0
121	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. 2021 ,		3
120	Progress with Sperm Morphology Evaluation After the Strict Criteria Prognosis Groups Era due to the Introduction of the New Lower Reference Limit Values for Semen Parameters of the 2010 WHO Manual. 2021 , 303-320		
119	Effect of age on semen parameters. <i>Fertility Science and Research</i> , 2021 , 8, 92	0.1	
118	Phosphatidylcholine and L-acetyl-carnitine-based freezing medium can replace egg yolk and preserves human sperm function. 2021 , 10, 397-407		1
117	Adolescent Transgender Females Present Impaired Semen Quality That Is Suitable for Intracytoplasmic Sperm Injection Even Before Initiating Gender-Affirming Hormone Treatment. 2021 , 1		1
116	Individualized Management of Male Infertility. 2021 , 50-64		
115	Simplified sperm testing devices: a possible tool to overcome lack of accessibility and inconsistency in male factor infertility diagnosis. An opportunity for low- and middle- income countries. 2021 , 13, 79-93		1
114	Fluorescence-Based Ratiometric Analysis of Sperm Centrioles (FRAC) Finds Patient Age and Sperm Morphology Are Associated With Centriole Quality. 2021 , 9, 658891		3
113	Semen analysis and fecundity association among women with polycystic ovary syndrome experiencing ovulatory dysfunction treated by ovulation induction. 2021 ,		
112	Importance of real-time measurement of sperm head morphology in intracytoplasmic sperm injection. 2021 , 1-8		0
111	Assessing the clinical value of the Kruger strict morphology criteria over the World Health Organization fourth edition criteria. <i>F&S Reports</i> , 2021 , 2, 176-180	0.6	0
110	The impact of cryopreservation on the morphology of spermatozoa in men with oligoasthenoteratozoospermia. 2021 , 100, 117-124		1
109	Sperm Selection Technology in ART. 2021 , 39, 200-206		0
108	Diagnosis and Management of Infertility: A Review. 2021 , 326, 65-76		34
107	Association between intake of soft drinks and testicular function in young men. <i>Human Reproduction</i> , 2021 , 36, 3036-3048	5.7	4

106	Sperm morphology and DNA fragmentation after zona pellucida selection.. 2021 , 2, 221-230	0
105	Preparation and Selection of Sperm for IVF and ICSI. 2010 , 579-590	1
104	Intracytoplasmic Morphologically Selected Sperm Injection. 2012 , 229-240	1
103	Sperm Analysis and Preparation Update. 2004 , 151-178	1
102	Semen Analysis and Other Standard Laboratory Tests. 1994 , 37-73	2
101	Sperm-Egg Manipulation for the Treatment of Male Infertility. 1992 , 115-132	1
100	Assisted Reproductive Technology Versus Tubal Surgery. 1996 , 278-305	1
99	Application of Micromanipulation in the Human. 1993 , 246-278	1
98	ART and Its Impact on Male Infertility Management. 2012 , 197-206	1
97	Sperm Morphologic Characteristics and Their Impact on Embryo Quality and Pregnancy Outcome. 2013 , 65-73	1
96	Antioxidants in IMSI. 2013 , 415-432	1
95	Fertilization in Man. 1991 , 385-400	1
94	General aspects of fertility and infertility. 2014 , 1154, 3-23	4
93	Andrological Approach in Assisted Reproduction. 1997 , 401-450	1
92	Semen analysis. 550-573	3
91	Comparison of sperm preparation methods: effect on chromatin and morphology recovery rates and their consequences on the clinical outcome after in vitro fertilization embryo transfer. 2001 , 24, 360-8	55
90	Direct effect of alcohol on the motility and morphology of human spermatozoa. 1999 , 31, 43	3
89	Semen analysis: what tests are clinically useful?. 1999 , 42, 957-71	5

88	Testicular Trauma. 1996 , 1643-1646	1
87	VARICOCELECTOMY IMPROVES SPERM STRICT MORPHOLOGY AND MOTILITY. 1998 , 1338-1340	1
86	Quantitative label-free technique for morphological evaluation of human sperm—promising tool in semen evaluation. 2018 , 1, 1215	6
85	Thiamine status in humans and content of phosphorylated thiamine derivatives in biopsies and cultured cells. 2010 , 5, e13616	132
84	Expression of $\alpha 2$ vacuolar ATPase in spermatozoa is associated with semen quality and chemokine-cytokine profiles in infertile men. 2013 , 8, e70470	15
83	Environmental Toxins and Male Fertility. 2007 , 263-268	1
82	The effects of methanolic extracts of ginger (<i>Zingiber officinale</i>) on human sperm parameters; an in vitro study. 2008 , 11, 1723-7	10
81	Sperm function test. 2015 , 8, 61-9	30
80	Spermatozoa protein alterations in infertile men with bilateral varicocele. 2016 , 18, 43-53	32
79	Critical appraisal of conventional semen analysis in the context of varicocele. 2016 , 18, 202-4	9
78	Is age at puberty associated with semen quality and reproductive hormones in young adult life?. 2017 , 19, 625-632	7
77	Impact of sperm chromatin evaluation on fertilization rate in intracytoplasmic sperm injection. 2014 , 3, 229	16
76	Role of Trace Elements for Oxidative Status and Quality of Human Sperm. 2017 , 34, 343-348	15
75	Use of clomiphene citrate alone, urinary follicle-stimulating hormone alone, or both combined sequentially in patients with unexplained subfertility undergoing intrauterine insemination: A randomized trial. 2018 , 15, 243-248	2
74	Factors affecting clinical pregnancy rates after IUI for the treatment of unexplained infertility and mild male subfertility. 2016 , 17, 134-8	7
73	Characteristics of semen parameters of Malawian men from couples seeking assisted reproduction. 2013 , 2, 181	2
72	Artificial Intrauterine Insemination: Noninvasive Management of Subfertile Couples. 2000 , 601-656	
71	An Andrological Approach to Assisted Reproduction. 2000 , 223-287	3

70 Papel del andrlogo en la salud reproductiva. **2000**, 51, 105-111

69 Evaluation of the Male for Infertility. **2002**, 10-23

1

68 Can Varicocelectomy Significantly Change The Way Couples Use Assisted Reproductive Technologies?. **2002**, 1749-1752

67 Andrologische Routine-Untersuchungen. **2004**, 309-324

66 Infertility Evaluation. **2007**, 137-166

65 Androgen Effects on Cognitive Function. **2007**, 131-146

64 Reproduktionsmedizin. **2008**, 41-89

63 Intracytoplasmic Morphologically selected Sperm Injection vs Intracytoplasmic Sperm Injection: A Retrospective Analysis. **2011**, 2, 101-105

62 Reproductive Function and Pregnancy. **2011**, 402-416

61 Intracytoplasmic morphologically selected sperm injection (IMSI). **2011**, 453-459

60 Laboratory Evaluation for Male Infertility. **2012**, 15-26

59 Intermittent Hypoxia Remedies Male Subfertility. **2012**, 221-227

58 Male Infertility. **2012**, 229-241

57 Evaluation of sperm. **2012**, 48-60

56 Intracytoplasmic morphologically selected sperm injection. **2012**, 135-150

55 Impact of Estradiol Monitoring on the Prediction of Intrauterine Insemination Outcome. **2013**, 4, 88-92

54 Laboratory Evaluation for Male Infertility. **2013**, 25-44

53 Laboratory Evaluation for Male Infertility. **2013**, 25-45

- 52 Intracytoplasmic Morphologically Selected Sperm Injection. **2013**, 73-92
- 51 Hemizona Assay: Assessment of Human Spermatozoa Dysfunction and Its Correlation with In Vitro Fertilization Results. **1990**, 515-524
- 50 Enhancement of Fertilization and Hatching Using Micromanipulation. **1991**, 63-74
- 49 The Role of Assisted Conception in Male Infertility. **1994**, 411-426
- 48 Predictive power of sperm motion analysis in in vitro fertilization. **1994**, 14, 366-70
- 47 Intracytoplasmic Sperm Injection. **1996**, 1001-1004
- 46 Gamete Micromanipulation: Intracytoplasmic Sperm Injection. **1996**, 4, 67-82
- 45 Homologous Intrauterine Insemination. **1997**, 178-209
- 44 Analysis of fibronectin on human sperm. **1997**, 158, 936-41 4
- 43 Evaluation of the Infertile Male. **1999**, 97-110
- 42 Protocolo previo al inicio de técnicas de reproducción asistida. **1999**, 50, 95-100
- 41 The metamorphosis of fertility management: lessons from assisted reproductive technology. **1999**, 11, 271-3
- 40 MSOME: Conventional Semen Analysis, Sperm Manipulation, and Cryopreservation. **2015**, 123-126
- 39 Controversies Surrounding the 2010 World Health Organization Cutoff Values for Human Semen Characteristics and Its Impact on Unexplained Infertility. **2015**, 13-20
- 38 Interpretation of Semen Analysis. **2017**, 55-83
- 37 Making a Diagnosis. **2017**, 1-18
- 36 Genetic Basis of Sperm Morphologic Defects: Head Defects and Body and Tail Defects. **2020**, 121-136
- 35 Male waist circumference in relation to semen quality and partner infertility treatment outcomes among couples undergoing infertility treatment with assisted reproductive technologies. **2021**, 2

34	Teratozoospermia and its effect on male fertility potential. 1999 , 31, 63-75		0
33	Evaluation of the Male for Infertility. 2002 , 10-23		
32	Cytomorphological Semen Analysis. 2006 , 395-400		2
31	Male Infertility Causes and Diagnosis. 1999 , 221-232		
30	Specialized Sperm Testing. 2005 , 53-71		
29	Male Infertility. 2021 , 49-92		
28	Pyriform bovine spermatozoa and fertilization potential. 1995 , 36, 434-6		6
27	In search for the general population's semen profile: the study of sperm parameters in partners of women with chronic anovulation. 2009 , 1, 18-26		5
26	Collection, analysis and cryopreservation of semen from Malayan gaur (<i>Bos gaurus hubbacki</i>): A preliminary study. 2012 , 2, 109-14		1
25	Spermatozoa: A Historical Perspective. 2018 , 12, 182-190		1
24	An Update on Semen Physiology, Technologies, and Selection Techniques for the Advancement of In Vitro Equine Embryo Production: Section I. <i>Animals</i> , 2021 , 11,	3.1	
23	An Update on Semen Physiology, Technologies, and Selection Techniques for the Advancement of In Vitro Equine Embryo Production: Section II. <i>Animals</i> , 2021 , 11,	3.1	
22	Male factor in recurrent pregnancy loss. <i>Fertility Science and Research</i> , 2021 , 8, 105		0.1
21	Live birth rates of assisted reproductive technology treatment and spontaneous conception among subfertile couples in Singapore: A follow-up study. <i>Asian Pacific Journal of Reproduction</i> , 2018 , 7, 206		1.1
20	An evaluation of changes over time in the semen parameters data used for the World Health Organization semen analysis reference ranges.. <i>Andrology</i> , 2021 ,	4.2	0
19	Paternal adherence to healthy dietary patterns in relation to sperm parameters and outcomes of assisted reproductive technologies.. <i>Fertility and Sterility</i> , 2021 ,	4.8	1
18	Evolution of the WHO "Semen" processing manual from the first (1980) to the sixth edition (2021).. <i>Fertility and Sterility</i> , 2022 ,	4.8	2
17	Effect of staining methods on human sperm morphometrics using HT CASA II.. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2022 , 102322	1.9	

16	The impact of COVID-19 vaccine on sperm quality.. <i>International Journal of Gynecology and Obstetrics</i> , 2022 ,	4	3
15	A contemporary view on global fertility, infertility, and assisted reproductive techniques. 2022 , 93-120		1
14	Poor Reproducibility of Percentage of Normally Shaped Sperm Using WHO5 Strict Grading Criteria. <i>F&S Reports</i> , 2022 ,	0.6	
13	Women's and men's intake of omega-3 fatty acids and their food sources and assisted reproductive technologies outcomes.. <i>American Journal of Obstetrics and Gynecology</i> , 2022 ,	6.4	1
12	Exploring the causes of semen quality changes post-bariatric surgery: a focus on endocrine-disrupting chemicals.. <i>Human Reproduction</i> , 2022 ,	5.7	0
11	The impact of diet quality on sperm velocity, morphology and normality in the zebra finch <i>Taeniopygia guttata</i> .. <i>Journal of Experimental Biology</i> , 2022 ,	3	1
10	Female infertility and the evaluation of an infertile couple. 865-883		
9	Predictive value of seminal oxidation-reduction potential (ORP) analysis for reproductive outcomes of intracytoplasmic sperm injection (ICSI) cycles. <i>Reproductive BioMedicine Online</i> , 2022 ,	4	1
8	Effect of age on semen parameters. <i>Fertility Science and Research</i> , 2021 , 8, 92	0.1	
7	Impact of gamete health on fertilization and embryo development: An overview. 2022 , 11, 201		0
6	Mitochondrial metabolism determines the functional status of human sperm and correlates with semen parameters. 10,		0
5	Erkek ̄fertilitesinin Dērlendirilmesi.		0
4	Impacto de la morfoloḡa esperm̄ica en las tasas de embarazo con inseminacīn intrauterina. 2022 ,		0
3	A correlative interaction between thyroid dysfunction and semen parameters in male infertility: A prospective case control study. 2022 , 22, 129-143		0
2	Effect of paternal age on assisted reproductive outcomes in ICSI donor cycles.		0
1	CARACTERÍSTICAS DO ESPERMOGRAMA DE PACIENTES COM SUSPEITA DE INFERTILIDADE. 2023 , 16, e727		0