Ralf Henkel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7721041/publications.pdf

Version: 2024-02-01

233 papers	8,584 citations	57631 44 h-index	58464 82 g-index
244 all docs	244 docs citations	244 times ranked	6103 citing authors

#	Article	IF	Citations
1	Consensus and Diversity in the Management of Varicocele for Male Infertility: Results of a Global Practice Survey and Comparison with Guidelines and Recommendations. World Journal of Men?s Health, 2023, 41, 164.	1.7	16
2	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. World Journal of Men?s Health, 2022, 40, 191.	1.7	17
3	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. World Journal of Men?s Health, 2022, 40, 347.	1.7	11
4	Somatic-Immune Cells Crosstalk In-The-Making of Testicular Immune Privilege. Reproductive Sciences, 2022, 29, 2707-2718.	1.1	6
5	Standardized Laboratory Procedures, Quality Control and Quality Assurance Are Key Requirements for Accurate Semen Analysis in the Evaluation of Infertile Male. World Journal of Men?s Health, 2022, 40, 52.	1.7	12
6	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. World Journal of Men?s Health, 2022, 40, 228.	1.7	18
7	Polymorphisms of androgensâ€related genes and idiopathic male infertility in Turkish men. Andrologia, 2022, 54, e14270.	1.0	5
8	Association among sperm chromatin condensation, sperm DNA fragmentation and 8â€OHdG in seminal plasma and semen parameters in infertile men with oligoasthenoteratozoospermia. Andrologia, 2022, 54, e14268.	1.0	3
9	A systemic review and metaâ€analysis exploring the predictors of sperm retrieval in patients with nonâ€obstructive azoospermia and chromosomal abnormalities. Andrologia, 2022, 54, e14303.	1.0	11
10	Male Age and Progressive Sperm Motility Are Critical Factors Affecting Embryological and Clinical Outcomes in Oocyte Donor ICSI Cycles. Reproductive Sciences, 2022, 29, 883-895.	1.1	13
11	The new 6th edition of the WHO Laboratory Manual for the Examination and Processing of Human Semen: is it a step toward better standard operating procedure?. Asian Journal of Andrology, 2022, 24, 123.	0.8	7
12	Role of Cytocentrifugation Combined with Nuclear Fast Picroindigocarmine Staining in Detecting Cryptozoospermia in Men Diagnosed with Azoospermia. World Journal of Men?s Health, 2022, 40, .	1.7	2
13	Antisperm Antibody Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices. World Journal of Men?s Health, 2022, 40, 380.	1.7	11
14	Comprehensive Analysis of Global Research on Human Varicocele: A Scientometric Approach. World Journal of Men?s Health, 2022, 40, .	1.7	13
15	Protocol for developing a core outcome set for male infertility research: an international consensus development study. Human Reproduction Open, 2022, 2022, hoac014.	2.3	4
16	Oxidative Stress and Assisted Reproduction: A Comprehensive Review of Its Pathophysiological Role and Strategies for Optimizing Embryo Culture Environment. Antioxidants, 2022, 11, 477.	2.2	36
17	In vitro effects of aqueous extract of unfermented rooibos on human spermatozoa. Andrologia, 2022, 54, e14452.	1.0	3
18	Predictive value of seminal oxidation-reduction potential analysis for reproductive outcomes of ICSI. Reproductive BioMedicine Online, 2022, 45, 1007-1020.	1.1	11

#	Article	IF	Citations
19	Role of Infection and Leukocytes in Male Infertility. Advances in Experimental Medicine and Biology, 2022, , 115-140.	0.8	4
20	O-134â€ƒPredictive value of seminal oxidation-reduction potential (ORP) and sperm DNA fragmentation (SDF) analysis for reproductive outcomes of intracytoplasmic sperm injection (ICSI) cycles. Human Reproduction, 2022, 37, .	0.4	0
21	Effect of redo varicocelectomy on semen parameters and pregnancy outcome: An original report and metaâ€analysis. Andrologia, 2022, 54, .	1.0	2
22	Reply to Pallotti et al. Comment on â€œBoitrelle et al. The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis. Life 2021, 11, 1368â€. Life, 2022, 12, 1046.	1.1	0
23	Reactive oxygen species in male reproduction: A boon or a bane?. Andrologia, 2021, 53, e13577.	1.0	72
24	Obesity and male infertility: Mechanisms and management. Andrologia, 2021, 53, e13617.	1.0	127
25	Evaluation of seminal oxidationâ€“reduction potential in male infertility. Andrologia, 2021, 53, e13610.	1.0	11
26	Diagnostic value of routine semen analysis in clinical andrology. Andrologia, 2021, 53, e13614.	1.0	43
27	Total antioxidant capacityâ€”Relevance, methods and clinical implications. Andrologia, 2021, 53, e13624.	1.0	42
28	Diagnostic value of advanced semen analysis in evaluation of male infertility. Andrologia, 2021, 53, e13625.	1.0	20
29	Protein profiling in unlocking the basis of varicoceleâ€associated infertility. Andrologia, 2021, 53, e13645.	1.0	6
30	Etiologies of sperm DNA damage and its impact on male infertility. Andrologia, 2021, 53, e13706.	1.0	41
31	Causes and consequences of sperm mitochondrial dysfunction. Andrologia, 2021, 53, e13666.	1.0	58
32	Comparative analysis of tests used to assess sperm chromatin integrity and DNA fragmentation. Andrologia, 2021, 53, e13718.	1.0	27
33	Proteomics and metabolomics â€” Current and future perspectives in clinical andrology. Andrologia, 2021, 53, e13711.	1.0	19
34	TUNEL assayâ€”Standardized method for testing sperm DNA fragmentation. Andrologia, 2021, 53, e13738.	1.0	34
35	The role of infections and leukocytes in male infertility. Andrologia, 2021, 53, e13743.	1.0	45
36	Aqueous leaf extract of Moringa oleifera reduced intracellular ROS production, DNA fragmentation and acrosome reaction in Human spermatozoa in vitro. Andrologia, 2021, 53, e13903.	1.0	8

#	Article	IF	Citations
37	A scientometric analysis of research publications on male infertility and assisted reproductive technology. Andrologia, 2021, 53, e13842.	1.0	6
38	Male infertility. Lancet, The, 2021, 397, 319-333.	6.3	468
39	The effect of Nigella sativa oil and metformin on male seminal parameters and testosterone in Wistar rats exposed to an obesogenic diet. Biomedicine and Pharmacotherapy, 2021, 133, 111085.	2.5	18
40	Semiquantitative promoter methylation of MLH1 and MSH2 genes and their impact on sperm DNA fragmentation and chromatin condensation in infertile men. Andrologia, 2021, 53, e13827.	1.0	4
41	Epididymal contribution to male infertility: An overlooked problem. Andrologia, 2021, 53, e13721.	1.0	27
42	An update on the techniques used to measure oxidative stress in seminal plasma. Andrologia, 2021, 53, e13726.	1.0	13
43	Editorial Commentary on Draft of World Health Organization Sixth Edition Laboratory Manual for the Examination and Processing of Human Semen. World Journal of Men?s Health, 2021, 39, 577.	1.7	36
44	Highly Cited Articles in the Field of Male Infertility and Antioxidants: A Scientometric Analysis. World Journal of Men?s Health, 2021, 39, 760.	1.7	3
45	The validity and reliability of computer-aided semen analyzers in performing semen analysis: a systematic review. Translational Andrology and Urology, 2021, 10, 3069-3079.	0.6	20
46	An online educational model in andrology for student training in the art of scientific writing in the COVIDâ€19 pandemic. Andrologia, 2021, 53, e13961.	1.0	6
47	A Novel Approach to Improving the Reliability of Manual Semen Analysis: A Paradigm Shift in the Workup of Infertile Men. World Journal of Men?s Health, 2021, 39, 172.	1.7	23
48	Comparative study of fertility parameters in vitrified human spermatozoa in the presence or absence of EmbryORP Â® : A novel antioxidant. Andrologia, 2021, 53, e13886.	1.0	0
49	Effect of microsurgical varicocelectomy on fertility outcome and treatment plans of patients with severe oligozoospermia: An original report and metaâ€analysis. Andrologia, 2021, 53, e14059.	1.0	12
50	Standard Semen Analysis: Home Sperm Testing. , 2021, , 23-30.		0
51	Oxidative Stress Testing: Direct Tests. , 2021, , 111-122.		2
52	Zona Binding: Hemizona Assay. , 2021, , 100-105.		0
53	Reply to Letter to the Editor by Derakhshan et al. (2021) â€˜Vagal nerve stimulation for the treatment of male factor infertilityâ€™. Andrologia, 2021, 53, e14069.	1.0	0
54	Capacitation and Acrosome Reaction: Fluorescence Techniques to Determine Acrosome Reaction. , 2021, , 72-80.		0

#	Article	IF	Citations
55	Standard Semen Analysis: Leukocytospermia. , 2021, , 31-38.		0
56	Oxidative Stress Testing: Indirect Tests. , 2021, , 123-141.		0
57	Aqueous extracts of black tea (Camellia sinensis) enhanced human sperm functions in vitro. FASEB Journal, 2021, 35, .	0.2	0
58	In vitro effects of aqueous extract of fermented rooibos (Aspalathus linearis) on human sperm function. Andrologia, 2021, 53, e14114.	1.0	4
59	Endocrine contribution to the sexual dysfunction in patients with advanced chronic kidney disease and the role of hyperprolactinemia. Andrologia, 2021, 53, e14135.	1.0	1
60	Long-term consequences of sexually transmitted infections on menâ€™s sexual function: A systematic review. Arab Journal of Urology Arab Association of Urology, 2021, 19, 411-418.	0.7	11
61	The effect of paternal age on intracytoplasmic sperm injection outcome in unexplained infertility. Arab Journal of Urology Arab Association of Urology, 2021, 19, 274-280.	0.7	1
62	The effect of sperm DNA fragmentation on intracytoplasmic sperm injection outcome. Andrologia, 2021, 53, e14180.	1.0	16
63	THE ADDITION OF ANTIOXIDANTS EVERY 12 HOUR TO THE CULTURE MEDIUM SIGNIFICANTLY INCREASES THE RATE OF TOTAL USABLE AND EXPANDED BLASTOCYSTS IN PATIENTS WITH ADVANCED MATERNAL AGE: A PROSPECTIVE STUDY OF 1520 SIBLING HUMAN OOCYTES. Fertility and Sterility, 2021, 116, e170-e171.	0.5	1
64	THE ADDITION OF ANTIOXIDANTS EVERY 12 HOUR TO THE CULTURE MEDIUM SIGNIFICANTLY INCREASES THE RATES OF TOTAL USABLE AND EXPANDED BLASTOCYSTS IN RECIPIENT PATIENTS: A PROSPECTIVE RANDOMIZED CONTROL STUDY OF 553 SIBLING DONOR OOCYTES. Fertility and Sterility, 2021, 116, e127-e128.	0.5	1
65	THE ADJUSTMENT OF OXIDATION REDUCTION POTENTIAL (ORP) LEVELS IN CULTURE MEDIA TO THE OVERALL LEVELS OF FOLLICULAR FLUID PRODUCES SIGNIFICANTLY HIGHER EMBRYO PLOIDY RATES IN PATIENTS: A PROSPECTIVE RANDOMIZED STUDY OF SIBLING OOCYTES. Fertility and Sterility, 2021, 116, e171.	0.5	1
66	OXIDATIVE STRESS TESTING AND ANTIOXIDANT TREATMENT OF MALE INFERTILITY â€“ SURVEY OF CURRENT CLINICAL PRACTICES. Fertility and Sterility, 2021, 116, e342.	0.5	0
67	A Global Survey of Reproductive Specialists to Determine the Clinical Utility of Oxidative Stress Testing and Antioxidant Use in Male Infertility. World Journal of Men?s Health, 2021, 39, 470.	1.7	26
68	A Web-Based Global Educational Model for Training in Semen Analysis during the COVID-19 Pandemic. World Journal of Men?s Health, 2021, 39, 804.	1.7	4
69	An In-Depth Bibliometric Analysis and Current Perspective on Male infertility Research. World Journal of Men?s Health, 2021, 39, 302.	1.7	38
70	Utility of Antioxidants in the Treatment of Male Infertility: Clinical Guidelines Based on a Systematic Review and Analysis of Evidence. World Journal of Men?s Health, 2021, 39, 233.	1.7	59
71	Environmental contaminants and male infertility: Effects and mechanisms. Andrologia, 2021, 53, e13646.	1.0	57
72	Association of XRCC1 and ERCC2 promotersâ€™ methylation with chromatin condensation and sperm DNA fragmentation in idiopathic oligoasthenoteratozoospermic men. Andrologia, 2021, 53, e13925.	1.0	7

#	Article	IF	Citations
73	The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis. Life, 2021, 11, 1368.	1.1	68
74	In Silico Sperm Proteome Analysis to Investigate DNA Repair Mechanisms in Varicocele Patients. Frontiers in Endocrinology, 2021, 12, 757592.	1.5	2
75	SNPâ€™s in xenobiotic metabolism and male infertility. Xenobiotica, 2020, 50, 363-370.	0.5	3
76	Globozoospermia syndrome: An update. Andrologia, 2020, 52, e13459.	1.0	30
77	Predictive value of oxidative stress testing in semen for sperm DNA fragmentation assessed by sperm chromatin dispersion test. Andrology, 2020, 8, 610-617.	1.9	17
78	Effects of temperature and storage time on the motility, viability, DNA integrity and apoptosis of processed human spermatozoa. Andrologia, 2020, 52, e13485.	1.0	3
79	PICSI vs. MACS for abnormal sperm DNA fragmentation ICSI cases: a prospective randomized trial. Journal of Assisted Reproduction and Genetics, 2020, 37, 2605-2613.	1.2	20
80	Quest for the bestâ€"A move to Anatomical Endoscopic Enucleation of the Prostate. Andrologia, 2020, 52, e13757.	1.0	1
81	Seminal oxidationâ€“reduction potential levels are not influenced by the presence of leucocytospermia. Andrologia, 2020, 52, e13609.	1.0	4
82	The effect of oxidative and reductive stress on semen parameters and functions of physiologically normal human spermatozoa. Free Radical Biology and Medicine, 2020, 152, 375-385.	1.3	36
83	Efficacy of Antioxidant Supplementation on Conventional and Advanced Sperm Function Tests in Patients with Idiopathic Male Infertility. Antioxidants, 2020, 9, 219.	2.2	46
84	High levels of oxidationâ€“reduction potential in frozenâ€thawed human semen are significantly correlated with poor postâ€thaw sperm quality. Andrologia, 2020, 52, e13608.	1.0	3
85	Novel additive for sperm cryopreservation media: Holotheria parva coelomic cavity extract protects human spermatozoa against oxidative stressâ€"A pilot study. Andrologia, 2020, 52, e13604.	1.0	2
86	Physiological Role of ROS in Sperm Function. , 2020, , 337-345.		26
87	Infection in Infertility. , 2020, , 409-424.		4
88	Mitochondrial Function and Male Infertility. , 2020, , 137-153.		3
89	Scientific landscape of oxidative stress in male reproductive research: A scientometric study. Free Radical Biology and Medicine, 2020, 156, 36-44.	1.3	8
90	Geographical differences in semen characteristics: Comparing semen parameters of infertile men of the United States and Iraq. Andrologia, 2020, 52, e13519.	1.0	13

#	Article	IF	Citations
91	Microtubular Dysfunction and Male Infertility. World Journal of Men?s Health, 2020, 38, 9.	1.7	30
92	Ritalinic Acid Stimulates Human Sperm Motility and Maintains VitalityIn Vitro. World Journal of Men?s Health, 2020, 38, 61.	1.7	8
93	A Schematic Overview of the Current Status of Male Infertility Practice. World Journal of Men?s Health, 2020, 38, 308.	1.7	43
94	Sperm DNA Fragmentation: A New Guideline for Clinicians. World Journal of Men?s Health, 2020, 38, 412.	1.7	127
95	Male Fertility and the COVID-19 Pandemic: Systematic Review of the Literature. World Journal of Men?s Health, 2020, 38, 506.	1.7	78
96	Origins of Sperm DNA Damage. , 2020, , 361-375.		6
97	Harmful Effects of Antioxidant Therapy. , 2020, , 845-854.		2
98	Obesity and metabolic syndrome associated with systemic inflammation and the impact on the male reproductive system. American Journal of Reproductive Immunology, 2019, 82, e13178.	1.2	65
99	TUNEL assay: Establishing a sperm DNA fragmentation cutâ€off value for Egyptian infertile men. Andrologia, 2019, 51, e13375.	1.0	12
100	Is there plagiarism in the most influential publications in the field of andrology?. Andrologia, 2019, 51, e13405.	1.0	6
101	Automation of human semen analysis using a novel artificial intelligence optical microscopic technology. Andrologia, 2019, 51, e13440.	1.0	41
102	Oleanolic acid causes reversible contraception in male mice by increasing the permeability of the germinal epithelium. Reproduction, Fertility and Development, 2019, 31, 1589.	0.1	6
103	Carica papaya seed extract slows human sperm. Journal of Ethnopharmacology, 2019, 241, 111972.	2.0	13
104	Correlation of oxidationâ€“reduction potential with hormones, semen parameters and testicular volume. Andrologia, 2019, 51, e13258.	1.0	17
105	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. World Journal of Men?s Health, 2019, 37, 296.	1.7	256
106	Effect of oxidation-reduction potential on mitochondrial membrane potential and vitality of physiologically normal human spermatozoa. Fertility and Sterility, 2019, 112, e375.	0.5	1
107	Effect of ultra-low oxygen (2%) environment on mouse embryo morphokinetics and blastocyst development. Fertility and Sterility, 2019, 112, e270-e271.	0.5	0
108	Does supplementation of media with insulin or insulin-like growth factor 1 (IGF-1) enhance morphokinetics of mouse embryo development?. Fertility and Sterility, 2019, 112, e271.	0.5	0

#	Article	IF	Citations
109	Tracking research trends and hotspots in sperm DNA fragmentation testing for the evaluation of male infertility: a scientometric analysis. Reproductive Biology and Endocrinology, 2019, 17, 110.	1.4	25
110	Leukocytes as a Cause of Oxidative Stress. , 2019, , 37-44.		0
111	Basic Aspects of Oxidative Stress in Male Reproductive Health. , 2019, , 27-36.		2
112	The excessive use of antioxidant therapy: A possible cause of male infertility?. Andrologia, 2019, 51, e13162.	1.0	115
113	Critical evaluation of two models of flow cytometers for the assessment of sperm DNA fragmentation: an appeal for performance verification. Asian Journal of Andrology, 2019, 21, 438.	0.8	7
114	Reactive oxygen species impact on sperm DNA and its role in male infertility. Andrologia, 2018, 50, e13012.	1.0	180
115	Evaluation of reference values of standard semen parameters in fertile Egyptian men. Andrologia, 2018, 50, e12942.	1.0	8
116	Human sperm handling in intracytoplasmic sperm injection processes: In vitro studies on mouse oocyte activation, embryo development competence and sperm oxidation-reduction potential. Andrologia, 2018, 50, e12943.	1.0	6
117	Calibration of redox potential in sperm wash media and evaluation of oxidationâ€“reduction potential values in various assisted reproductive technology culture media using MiOXSYS system. Andrology, 2018, 6, 293-300.	1.9	13
118	Cumene hydroperoxide induced changes in oxidation-reduction potential in fresh and frozen seminal ejaculates. Andrologia, 2018, 50, e12796.	1.0	7
119	Association between promoter methylation of MLH1 and MSH2 and reactive oxygen species in oligozoospermic men-A pilot study. Andrologia, 2018, 50, e12903.	1.0	24
120	Effect of Typha capensis (Rohrb.)N.E.Br. rhizome extract F1 fraction on cell viability, apoptosis induction and testosterone production in TM3-Leydig cells. Andrologia, 2018, 50, e12854.	1.0	11
121	Role of Withania somnifera (Ashwagandha) in the management of male infertility. Reproductive BioMedicine Online, 2018, 36, 311-326.	1.1	66
122	Determination of seminal oxidation-reduction potential (ORP) as an easy and cost-effective clinical marker of male infertility. Andrologia, 2018, 50, e12914.	1.0	29
123	Interpretation of semen analysis using WHO 1999 and WHO 2010 reference values: Abnormal becoming normal. Andrologia, 2018, 50, e12838.	1.0	18
124	Radiations and male fertility. Reproductive Biology and Endocrinology, 2018, 16, 118.	1.4	137
125	Home sperm testing device versus laboratory sperm quality analyzer: comparison of motile sperm concentration. Fertility and Sterility, 2018, 110, 1277-1284.	0.5	55
126	Role of oxidative stress, infection and inflammation in male infertility. Andrologia, 2018, 50, e13126.	1.0	209

#	Article	IF	Citations
127	Protective effects of saffron against zearalenone-induced alterations in reproductive hormones in female mice (Mus musculus). Clinical and Experimental Reproductive Medicine, 2018, 45, 163-169.	0.5	14
128	YoÂ®home sperm test vs SQA-vision automated analyzer: a comparison of motile sperm concentration. Fertility and Sterility, 2018, 110, e164.	0.5	3
129	Meta-analysis of double-blind placebo control trials evaluating the role ofÂcoenzyme Q10 on semen parameters. Fertility and Sterility, 2018, 110, e167-e168.	0.5	2
130	Reactive oxygen species and male reproductive hormones. Reproductive Biology and Endocrinology, 2018, 16, 87.	1.4	189
131	Environmental Contamination and Testicular Function. , 2018, , 191-208.		6
132	Promoter methylation analysis of CDH1 and p14ARF genes in patients with urothelial bladder cancer. OncoTargets and Therapy, 2018, Volume 11, 4189-4196.	1.0	5
133	The in vitro modulation of steroidogenesis by inflammatory cytokines and insulin in TM3 Leydig cells. Reproductive Biology and Endocrinology, 2018, 16, 26.	1.4	57
134	Impact of Environmental Factors on the Genomics and Proteomics Landscapes of Male Infertility. , 2018, , 335-353.		6
135	Sperm cryopreservation: A review on current molecular cryobiology and advanced approaches. Reproductive BioMedicine Online, 2018, 37, 327-339.	1.1	240
136	Smoking-induced genetic and epigenetic alterations in infertile men. Andrologia, 2018, 50, e13124.	1.0	45
137	A simple point of care test can indicate the need for periodontal therapy to reduce the risk for adverse pregnancy outcomes in mothers attending antenatal clinics. Biomarkers, 2017, 22, 740-746.	0.9	5
138	Clinical utility of sperm DNA fragmentation testing: a commentary. Translational Andrology and Urology, 2017, 6, S632-S635.	0.6	5
139	Redox Regulation of Fertility in Aging Male and the Role of Antioxidants: A Savior or Stressor. Current Pharmaceutical Design, 2017, 23, 4438-4450.	0.9	37
140	Semen culture and the assessment of genitourinary tract infections. Indian Journal of Urology, 2017, 33, 188.	0.2	37
141	An Update on Oxidative Damage to Spermatozoa and Oocytes. BioMed Research International, 2016, 2016, 1-11.	0.9	81
142	Metabolic syndrome is associated with increased seminal inflammatory cytokines and reproductive dysfunction in a caseâ€controlled male cohort. American Journal of Reproductive Immunology, 2016, 76, 155-163.	1.2	46
143	Bibliometrics: tracking research impact by selecting the appropriate metrics. Asian Journal of Andrology, 2016, 18, 296.	0.8	320
144	Eduardo Bustos-ObregÃ³n (1937-2014). Andrologia, 2015, 47, 1-2.	1.0	3

#	Article	IF	Citations
145	Effect ofCissampelos capensisrhizome extract on human spermatozoain vitro. Andrologia, 2015, 47, 318-327.	1.0	7
146	Novel Sperm Tests and Their Importance. , 2015, , 23-40.		4
147	Phytoandrogenic properties ofEurycoma longifoliaas natural alternative to testosterone replacement therapy. Andrologia, 2014, 46, 708-721.	1.0	28
148	Obesity is associated with increased seminal insulin and leptin alongside reduced fertility parameters in a controlled male cohort. Reproductive Biology and Endocrinology, 2014, 12, 34.	1.4	86
149	Tongkat Ali as a Potential Herbal Supplement for Physically Active Male and Female Seniors-A Pilot Study. Phytotherapy Research, 2014, 28, 544-550.	2.8	38
150	Effect of the metabolic syndrome on male reproductive function: a case-controlled pilot study. Andrologia, 2014, 46, 167-176.	1.0	54
151	In vivoeffects ofEurycoma longifoliaJack (Tongkat Ali) extract on reproductive functions in the rat. Andrologia, 2014, 46, 339-348.	1.0	34
152	The impact of male overweight on semen quality and outcome of assisted reproduction. Asian Journal of Andrology, 2014, 16, 787.	0.8	2
153	The impact of sperm DNA damage in assisted conception and beyond: recent advances in diagnosis and treatment. Reproductive BioMedicine Online, 2013, 27, 325-337.	1.1	228
154	The relationship between seminal leukocytes, oxidative status in the ejaculate, and apoptotic markers in human spermatozoa. Systems Biology in Reproductive Medicine, 2013, 59, 304-311.	1.0	35
155	Sperm Processing for IVF. , 2013, , 13-24.		1
156	Infection in Infertility. , 2013, , 141-160.		0
157	Sperm preparation: state-of-the-artâ€”physiological aspects and application of advanced sperm preparation methods. Asian Journal of Andrology, 2012, 14, 260-269.	0.8	115
158	Morphopathology of Sperm: It's Impact on Fertilization. Journal of Reproductive and Stem Cell Biotechnology, 2012, 3, 1-8.	0.1	3
159	Infection in Infertility. , 2012, , 261-272.		5
160	Sequential analysis of sperm functional aspects involved in fertilisation: a pilot study. Andrologia, 2012, 44, 175-181.	1.0	14
161	Standardised water-soluble extract of Eurycoma longifolia, Tongkat ali, as testosterone booster for managing men with late-onset hypogonadism?. Andrologia, 2012, 44, 226-230.	1.0	85
162	Typha capensis (Rohrb.)N.E.Br. (bulrush) extract scavenges free radicals, inhibits collagenase activity and affects human sperm motility and mitochondrial membrane potential in vitro: a pilot study. Andrologia, 2012, 44, 287-294.	1.0	23

#	Article	IF	Citations
163	Accurate sperm morphology assessment predicts sperm function. Andrologia, 2012, 44, 571-577.	1.0	17
164	Effect of Eurycoma longifolia Jack (Tongkat ali) extract on human spermatozoa in vitro. Andrologia, 2012, 44, 308-314.	1.0	23
165	Sperm Processing for IVF. , 2012, , 199-205.		1
166	ROS and Semen Quality. , 2012, , 301-323.		1
167	Sperm cell biology: current perspectives and future prospects. Asian Journal of Andrology, 2011, 13, 3-5.	0.8	14
168	Leukocytes and oxidative stress: dilemma for sperm function and male fertility. Asian Journal of Andrology, 2011, 13, 43-52.	0.8	185
169	Sperm DNA Fragmentation: Origin and Impact on Human Reproduction. Journal of Reproductive and Stem Cell Biotechnology, 2011, 2, 88-108.	0.1	14
170	Leucocytes and intrinsic ROS production may be factors compromising sperm chromatin condensation status. Andrologia, 2010, 42, 69-75.	1.0	33
171	TUNEL assay and SCSA determine different aspects of sperm DNA damage. Andrologia, 2010, 42, 305-313.	1.0	86
172	A novel approach for the selection of human sperm using annexin V-binding and flow cytometry. Fertility and Sterility, 2009, 91, 1285-1292.	0.5	43
173	Comparison of three staining methods for the morphological evaluation of human spermatozoa. Fertility and Sterility, 2008, 89, 449-455.	0.5	42
174	Age-related changes in seminal polymorphonuclear elastase in men with asymptomatic inflammation of the genital tract. Asian Journal of Andrology, 2007, 9, 299-304.	0.8	46
175	Evaluation of Uridine Metabolism in Human and Animal Spermatozoa. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 1215-1219.	0.4	4
176	Molecular Aspects of Declining Sperm Motility in Older Men. Journal of Urology, 2006, 175, 1828-1828.	0.2	2
177	Seasonal Changes of Neutral Â-Glucosidase Activity in Human Semen. Journal of Andrology, 2006, 27, 34-39.	2.0	19
178	Chronic pelvic pain syndrome/chronic prostatitis affect the acrosome reaction in human spermatozoa. World Journal of Urology, 2006, 24, 39-44.	1.2	64
179	The impact of oxidants on sperm function. Andrologia, 2005, 37, 205-206.	1.0	73
180	Sperm function and assisted reproduction technology. Reproductive Medicine and Biology, 2005, 4, 7-30.	1.0	26

#	Article	IF	Citations
181	Effect of reactive oxygen species produced by spermatozoa and leukocytes on sperm functions in non-leukocytospermic patients. Fertility and Sterility, 2005, 83, 635-642.	0.5	268
182	Molecular aspects of declining sperm motility in older men. Fertility and Sterility, 2005, 84, 1430-1437.	0.5	37
183	Sperm function and assisted reproduction technology. Reproductive Medicine and Biology, 2005, 4, 7-30.	1.0	31
184	Influence of macrophage migration inhibitory factor (MIF) on the zinc content and redox state of protein-bound sulphydryl groups in rat sperm: indications for a new role of MIF in sperm maturation. Molecular Human Reproduction, 2004, 10, 605-611.	1.3	57
185	Update on the impact of Chlamydia trachomatis infection on male fertility. Andrologia, 2004, 36, 1-23.	1.0	100
186	Influence of deoxyribonucleic acid damage on fertilization and pregnancy. Fertility and Sterility, 2004, 81, 965-972.	0.5	353
187	Relationship between human sperm morphology and acrosomal function. Journal of Assisted Reproduction and Genetics, 2003, 20, 432-438.	1.2	41
188	Localization of a new polypeptide in mammalian outer dense fibres. Andrologia, 2003, 35, 11-11.	1.0	0
189	Limitations for ICSI, MESA, TESE? - experiences from the IVF centre in Giessen. Andrologia, 2003, 35, 181-183.	1.0	0
190	Reactive oxygen species induce reversible capacitation in human spermatozoa. Andrologia, 2003, 35, 227-232.	1.0	40
191	Resorption of the Element Zinc from Spermatozoa by the Epididymal Epithelium. Reproduction in Domestic Animals, 2003, 38, 97-101.	0.6	30
192	Urogenital inflammation: changes of leucocytes and ROS. Andrologia, 2003, 35, 309-313.	1.0	50
193	Metal chelators change the human sperm motility pattern. Fertility and Sterility, 2003, 79, 1584-1589.	0.5	32
194	Sperm preparation for ART. Reproductive Biology and Endocrinology, 2003, 1, 108.	1.4	396
195	DNA fragmentation of spermatozoa and assisted reproduction technology. Reproductive BioMedicine Online, 2003, 7, 477-484.	1.1	226
196	Urogenital inflammation: changes of leucocytes and ROS. Andrologia, 2003, 35, 309-313.	1.0	18
197	Estimate of oxygen consumption and intracellular zinc concentration of human spermatozoa in relation to motility. Asian Journal of Andrology, 2003, 5, 3-8.	0.8	6
198	Urogenital inflammation: changes of leucocytes and ROS. Andrologia, 2003, 35, 309-13.	1.0	15

#	Article	IF	Citations
199	Indirect immunofluorescence using monoclonal antibodies for the detection of leukocytospermia: comparison with peroxidase staining. Andrologia, 2002, 34, 69-73.	1.0	36
200	Development of a new, highly sensitive zona pellucida binding assay using a bioluminescence-enhanced detection system. Andrologia, 2001, 33, 215-221.	1.0	5
201	Seasonal changes in human sperm chromatin condensation. Journal of Assisted Reproduction and Genetics, 2001, 18, 371-377.	1.2	33
202	Die Bedeutung funktioneller Spermatozoenparameter fÃ¼r den Fertilisationsprozess. Reproduktionsmedizin, 2000, 16, 81-89.	0.1	4
203	Different cumulative pregnancy rates in patients with repeated IVF- or ICSI cycles: possible influence of a male factor. Andrologia, 1999, 31, 149-156.	1.0	9
204	Use of failed-fertilized oocytes for diagnostic zona binding purposes after sperm binding improvement with a modified medium. Journal of Assisted Reproduction and Genetics, 1999, 16, 24-29.	1.2	5
205	Adhesion molecules of spermatozoa mediate likely sperm-oocyte interactions. Reproduktionsmedizin, 1999, 15, 231-239.	0.1	0
206	Relevance of zinc in human sperm flagella and its relation to motility. Fertility and Sterility, 1999, 71, 1138-1143.	0.5	103
207	Different cumulative pregnancy rates in patients with repeated IVF- or ICSI cycles: possible influence of a male factor. Andrologia, 1999, 31, 149-56.	1.0	1
208	Advancement in biochemical assays in andrology. Asian Journal of Andrology, 1999, 1, 45-51.	0.8	7
209	Production and characterization of monoclonal antibodies to the major protein of boar outer dense fibers. Journal of Reproductive Immunology, 1998, 40, 81-91.	0.8	2
210	Zona pellucida as physiological trigger for the induction of acrosome reaction. Andrologia, 1998, 30, 275-280.	1.0	13
211	Induction of acrosome reaction by low temperature is comparable to physiological induction by human follicular fluid. Andrologia, 1998, 30, 159-161.	1.0	9
212	Sperm separation in patients with urogenital infections. Andrologia, 1998, 30, 91-97.	1.0	48
213	Scavenging effect of N-acetyl-L-cysteine against reactive oxygen species in human semen: a possible therapeutic modality for male factor infertility?. Andrologia, 1997, 29, 125-131.	1.0	87
214	Differentiation of ejaculates showing reactive oxygen species production by spermatozoa or leukocytes. Andrologia, 1997, 29, 295-301.	1.0	27
215	Putative Role of a Serpin in Modulation of Acrosome Reaction. Advances in Experimental Medicine and Biology, 1997, 424, 239-240.	0.8	0
216	The monoclonal antibody GZS-1 detects a maturation-associated antigen of human spermatozoa that is also present on the surface of human mononuclear blood cells. Journal of Reproductive Immunology, 1996, 30, 115-132.	0.8	7

#	Article	IF	Citations
217	Comparison Between Swim-Up and Glass Wool Column Filtration of Human Semen in a Gamete Intrafallopian Transfer Program. Archives of Andrology, 1996, 36, 155-160.	1.0	6
218	Glass wool filtration reduces reactive oxygen species by elimination of leukocytes in oligozoospermic patients with leukocytospermia. Journal of Assisted Reproduction and Genetics, 1996, 13, 489-494.	1.2	20
219	Defining bioassay conditions to evaluate sperm/zona interaction: Inhibition of zona binding mediated by solubilized human zona pellucida. Journal of Assisted Reproduction and Genetics, 1996, 13, 329-332.	1.2	8
220	Integrins and adhesion molecules: Low expression of adhesion molecules and matrix proteins in patients showing poor penetration in zona-free hamster oocytes. Molecular Human Reproduction, 1996, 2, 335-339.	1.3	19
221	Further indications of the multicomponent nature of the acrosome reaction-inducing substance of human follicular fluid. Molecular Reproduction and Development, 1995, 42, 80-88.	1.0	22
222	Influence of elevated pH levels on structural and functional characteristics of the human zona pellucida: Functional morphological aspects. Journal of Assisted Reproduction and Genetics, 1995, 12, 644-649.	1.2	10
223	Acrosin activity of human spermatozoa by means of a simple gelatinolytic technique: a method useful for IVF. Journal of Andrology, 1995, 16, 272-7.	2.0	18
224	Selective capacity of glass-wool filtration for the separation of human spermatozoa with condensed chromatin: A possible therapeutic modality for male-factor cases?. Journal of Assisted Reproduction and Genetics, 1994, 11, 395-400.	1.2	51
225	Outer dense fibres of human spermatozoa: partial characterization and possible physiological functions. Journal of Developmental and Physical Disabilities, 1994, 17, 68-73.	3.6	16
226	Biochemical and Immunological Characterization of the Acrosome Reaction-Inducing Substance (ARIS) of HFF. Biochemical and Biophysical Research Communications, 1994, 199, 125-129.	1.0	31
227	Fertilization and early embryology: Determination of the acrosome reaction in human spermatozoa is predictive of fertilization in vitro. Human Reproduction, 1993, 8, 2128-2132.	0.4	101
228	Isolation and Partial Characterization of the Outer Dense Fiber Proteins from Human Spermatozoa. Biological Chemistry Hoppe-Seyler, 1992, 373, 685-690.	1.4	15
229	Poor development of outer dense fibres as a major cause of tail abnormalities in the spermatozoa of asthenoteratozoospermic men*. Human Reproduction, 1991, 6, 1431-1438.	0.4	60
230	Ultrastructure, protein synthesis and secretion of day-6 rabbit blastocysts cultured in a chemically defined, protein-free medium. Anatomy and Embryology, 1990, 182, 465-72.	1.5	8
231	Male Infertility, Oxidative Stress and Antioxidants. Biochemistry, 0, , .	0.8	3
232	Sperm Functional Assays. , 0, , 155-155.		3
233	Infections in Male Infertility. , 0, , 133-133.		0