

Ralf Henkel

List of Publications by Year in descending order

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Version: 2024-02-01

233
papers

8,584
citations

57758

44
h-index

56724

83
g-index

244
all docs

244
docs citations

244
times ranked

6103
citing authors

#	ARTICLE	IF	CITATIONS
1	Male infertility. Lancet, The, 2021, 397, 319-333.	13.7	468
2	Sperm preparation for ART. Reproductive Biology and Endocrinology, 2003, 1, 108.	3.3	396
3	Influence of deoxyribonucleic acid damage on fertilization and pregnancy. Fertility and Sterility, 2004, 81, 965-972.	1.0	353
4	Bibliometrics: tracking research impact by selecting the appropriate metrics. Asian Journal of Andrology, 2016, 18, 296.	1.6	320
5	Effect of reactive oxygen species produced by spermatozoa and leukocytes on sperm functions in non-leukocytospermic patients. Fertility and Sterility, 2005, 83, 635-642.	1.0	268
6	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.	3.3	256
7	Sperm cryopreservation: A review on current molecular cryobiology and advanced approaches. Reproductive BioMedicine Online, 2018, 37, 327-339.	2.4	240
8	The impact of sperm DNA damage in assisted conception and beyond: recent advances in diagnosis and treatment. Reproductive BioMedicine Online, 2013, 27, 325-337.	2.4	228
9	DNA fragmentation of spermatozoa and assisted reproduction technology. Reproductive BioMedicine Online, 2003, 7, 477-484.	2.4	226
10	Role of oxidative stress, infection and inflammation in male infertility. Andrologia, 2018, 50, e13126.	2.1	209
11	Reactive oxygen species and male reproductive hormones. Reproductive Biology and Endocrinology, 2018, 16, 87.	3.3	189
12	Leukocytes and oxidative stress: dilemma for sperm function and male fertility. Asian Journal of Andrology, 2011, 13, 43-52.	1.6	185
13	Reactive oxygen species impact on sperm DNA and its role in male infertility. Andrologia, 2018, 50, e13012.	2.1	180
14	Radiations and male fertility. Reproductive Biology and Endocrinology, 2018, 16, 118.	3.3	137
15	Obesity and male infertility: Mechanisms and management. Andrologia, 2021, 53, e13617.	2.1	127
16	Sperm DNA Fragmentation: A New Guideline for Clinicians. World Journal of Men's Health, 2020, 38, 412.	3.3	127
17	Sperm preparation: state-of-the-art physiological aspects and application of advanced sperm preparation methods. Asian Journal of Andrology, 2012, 14, 260-269.	1.6	115
18	The excessive use of antioxidant therapy: A possible cause of male infertility?. Andrologia, 2019, 51, e13162.	2.1	115

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19	Relevance of zinc in human sperm flagella and its relation to motility. <i>Fertility and Sterility</i> , 1999, 71, 1138-1143.	1.0	103
20	Fertilization and early embryology: Determination of the acrosome reaction in human spermatozoa is predictive of fertilization in vitro. <i>Human Reproduction</i> , 1993, 8, 2128-2132.	0.9	101
21	Update on the impact of <i>Chlamydia trachomatis</i> infection on male fertility. <i>Andrologia</i> , 2004, 36, 1-23.	2.1	100
22	Scavenging effect of N-acetyl-L-cysteine against reactive oxygen species in human semen: a possible therapeutic modality for male factor infertility?. <i>Andrologia</i> , 1997, 29, 125-131.	2.1	87
23	TUNEL assay and SCSA determine different aspects of sperm DNA damage. <i>Andrologia</i> , 2010, 42, 305-313.	2.1	86
24	Obesity is associated with increased seminal insulin and leptin alongside reduced fertility parameters in a controlled male cohort. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 34.	3.3	86
25	Standardised water-soluble extract of <i>Eurycoma longifolia</i> , Tongkat ali, as testosterone booster for managing men with late-onset hypogonadism?. <i>Andrologia</i> , 2012, 44, 226-230.	2.1	85
26	An Update on Oxidative Damage to Spermatozoa and Oocytes. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	81
27	Male Fertility and the COVID-19 Pandemic: Systematic Review of the Literature. <i>World Journal of Men's Health</i> , 2020, 38, 506.	3.3	78
28	The impact of oxidants on sperm function. <i>Andrologia</i> , 2005, 37, 205-206.	2.1	73
29	Reactive oxygen species in male reproduction: A boon or a bane?. <i>Andrologia</i> , 2021, 53, e13577.	2.1	72
30	The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis. <i>Life</i> , 2021, 11, 1368.	2.4	68
31	Role of <i>Withania somnifera</i> (Ashwagandha) in the management of male infertility. <i>Reproductive BioMedicine Online</i> , 2018, 36, 311-326.	2.4	66
32	Obesity and metabolic syndrome associated with systemic inflammation and the impact on the male reproductive system. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13178.	1.2	65
33	Chronic pelvic pain syndrome/chronic prostatitis affect the acrosome reaction in human spermatozoa. <i>World Journal of Urology</i> , 2006, 24, 39-44.	2.2	64
34	Poor development of outer dense fibres as a major cause of tail abnormalities in the spermatozoa of asthenoteratozoospermic men*. <i>Human Reproduction</i> , 1991, 6, 1431-1438.	0.9	60
35	Utility of Antioxidants in the Treatment of Male Infertility: Clinical Guidelines Based on a Systematic Review and Analysis of Evidence. <i>World Journal of Men's Health</i> , 2021, 39, 233.	3.3	59
36	Causes and consequences of sperm mitochondrial dysfunction. <i>Andrologia</i> , 2021, 53, e13666.	2.1	58

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37	Influence of macrophage migration inhibitory factor (MIF) on the zinc content and redox state of protein-bound sulphhydryl groups in rat sperm: indications for a new role of MIF in sperm maturation. <i>Molecular Human Reproduction</i> , 2004, 10, 605-611.	2.8	57
38	The in vitro modulation of steroidogenesis by inflammatory cytokines and insulin in TM3 Leydig cells. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 26.	3.3	57
39	Environmental contaminants and male infertility: Effects and mechanisms. <i>Andrologia</i> , 2021, 53, e13646.	2.1	57
40	Home sperm testing device versus laboratory sperm quality analyzer: comparison of motile sperm concentration. <i>Fertility and Sterility</i> , 2018, 110, 1277-1284.	1.0	55
41	Effect of the metabolic syndrome on male reproductive function: a case-controlled pilot study. <i>Andrologia</i> , 2014, 46, 167-176.	2.1	54
42	Selective capacity of glass-wool filtration for the separation of human spermatozoa with condensed chromatin: A possible therapeutic modality for male-factor cases?. <i>Journal of Assisted Reproduction and Genetics</i> , 1994, 11, 395-400.	2.5	51
43	Urogenital inflammation: changes of leucocytes and ROS. <i>Andrologia</i> , 2003, 35, 309-313.	2.1	50
44	Sperm separation in patients with urogenital infections. <i>Andrologia</i> , 1998, 30, 91-97.	2.1	48
45	Age-related changes in seminal polymorphonuclear elastase in men with asymptomatic inflammation of the genital tract. <i>Asian Journal of Andrology</i> , 2007, 9, 299-304.	1.6	46
46	Metabolic syndrome is associated with increased seminal inflammatory cytokines and reproductive dysfunction in a case-controlled male cohort. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 155-163.	1.2	46
47	Efficacy of Antioxidant Supplementation on Conventional and Advanced Sperm Function Tests in Patients with Idiopathic Male Infertility. <i>Antioxidants</i> , 2020, 9, 219.	5.1	46
48	Smoking-induced genetic and epigenetic alterations in infertile men. <i>Andrologia</i> , 2018, 50, e13124.	2.1	45
49	The role of infections and leukocytes in male infertility. <i>Andrologia</i> , 2021, 53, e13743.	2.1	45
50	A novel approach for the selection of human sperm using annexin V-binding and flow cytometry. <i>Fertility and Sterility</i> , 2009, 91, 1285-1292.	1.0	43
51	Diagnostic value of routine semen analysis in clinical andrology. <i>Andrologia</i> , 2021, 53, e13614.	2.1	43
52	A Schematic Overview of the Current Status of Male Infertility Practice. <i>World Journal of Men's Health</i> , 2020, 38, 308.	3.3	43
53	Comparison of three staining methods for the morphological evaluation of human spermatozoa. <i>Fertility and Sterility</i> , 2008, 89, 449-455.	1.0	42
54	Total antioxidant capacity—Relevance, methods and clinical implications. <i>Andrologia</i> , 2021, 53, e13624.	2.1	42

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55	Relationship between human sperm morphology and acrosomal function. Journal of Assisted Reproduction and Genetics, 2003, 20, 432-438.	2.5	41
56	Automation of human semen analysis using a novel artificial intelligence optical microscopic technology. Andrologia, 2019, 51, e13440.	2.1	41
57	Etiologies of sperm DNA damage and its impact on male infertility. Andrologia, 2021, 53, e13706.	2.1	41
58	Reactive oxygen species induce reversible capacitation in human spermatozoa. Andrologia, 2003, 35, 227-232.	2.1	40
59	Tongkat Ali as a Potential Herbal Supplement for Physically Active Male and Female Seniors-A Pilot Study. Phytotherapy Research, 2014, 28, 544-550.	5.8	38
60	An In-Depth Bibliometric Analysis and Current Perspective on Male infertility Research. World Journal of Men's Health, 2021, 39, 302.	3.3	38
61	Molecular aspects of declining sperm motility in older men. Fertility and Sterility, 2005, 84, 1430-1437.	1.0	37
62	Redox Regulation of Fertility in Aging Male and the Role of Antioxidants: A Savior or Stressor. Current Pharmaceutical Design, 2017, 23, 4438-4450.	1.9	37
63	Semen culture and the assessment of genitourinary tract infections. Indian Journal of Urology, 2017, 33, 188.	0.6	37
64	Indirect immunofluorescence using monoclonal antibodies for the detection of leukocytospermia: comparison with peroxidase staining. Andrologia, 2002, 34, 69-73.	2.1	36
65	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.	2.9	36
66	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.	3.3	36
67	Oxidative Stress and Assisted Reproduction: A Comprehensive Review of Its Pathophysiological Role and Strategies for Optimizing Embryo Culture Environment. Antioxidants, 2022, 11, 477.	5.1	36
68	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.	2.1	35
69	<i>In vivo</i> effects of <i>Eurycoma longifolia</i> Jack (Tongkat Ali) extract on reproductive functions in the rat. Andrologia, 2014, 46, 339-348.	2.1	34
70	TUNEL assay—Standardized method for testing sperm DNA fragmentation. Andrologia, 2021, 53, e13738.	2.1	34
71	Seasonal changes in human sperm chromatin condensation. Journal of Assisted Reproduction and Genetics, 2001, 18, 371-377.	2.5	33
72	Leucocytes and intrinsic ROS production may be factors compromising sperm chromatin condensation status. Andrologia, 2010, 42, 69-75.	2.1	33

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73	Metal chelators change the human sperm motility pattern. <i>Fertility and Sterility</i> , 2003, 79, 1584-1589.	1.0	32
74	Biochemical and Immunological Characterization of the Acrosome Reaction-Inducing Substance (ARIS) of HFF. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 125-129.	2.1	31
75	Sperm function and assisted reproduction technology. <i>Reproductive Medicine and Biology</i> , 2005, 4, 7-30.	2.4	31
76	Resorption of the Element Zinc from Spermatozoa by the Epididymal Epithelium. <i>Reproduction in Domestic Animals</i> , 2003, 38, 97-101.	1.4	30
77	Globozoospermia syndrome: An update. <i>Andrologia</i> , 2020, 52, e13459.	2.1	30
78	Microtubular Dysfunction and Male Infertility. <i>World Journal of Men's Health</i> , 2020, 38, 9.	3.3	30
79	Determination of seminal oxidation-reduction potential (ORP) as an easy and cost-effective clinical marker of male infertility. <i>Andrologia</i> , 2018, 50, e12914.	2.1	29
80	Phytoandrogenic properties of <i>Eurycoma longifolia</i> as natural alternative to testosterone replacement therapy. <i>Andrologia</i> , 2014, 46, 708-721.	2.1	28
81	Differentiation of ejaculates showing reactive oxygen species production by spermatozoa or leukocytes. <i>Andrologia</i> , 1997, 29, 295-301.	2.1	27
82	Comparative analysis of tests used to assess sperm chromatin integrity and DNA fragmentation. <i>Andrologia</i> , 2021, 53, e13718.	2.1	27
83	Epididymal contribution to male infertility: An overlooked problem. <i>Andrologia</i> , 2021, 53, e13721.	2.1	27
84	Sperm function and assisted reproduction technology. <i>Reproductive Medicine and Biology</i> , 2005, 4, 7-30.	2.4	26
85	A Global Survey of Reproductive Specialists to Determine the Clinical Utility of Oxidative Stress Testing and Antioxidant Use in Male Infertility. <i>World Journal of Men's Health</i> , 2021, 39, 470.	3.3	26
86	Physiological Role of ROS in Sperm Function. , 2020, , 337-345.		26
87	Tracking research trends and hotspots in sperm DNA fragmentation testing for the evaluation of male infertility: a scientometric analysis. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 110.	3.3	25
88	Association between promoter methylation of <i>MLH1</i> and <i>MSH2</i> and reactive oxygen species in oligozoospermic men-A pilot study. <i>Andrologia</i> , 2018, 50, e12903.	2.1	24
89	<i>Typha capensis</i> (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. <i>Andrologia</i> , 2012, 44, 287-294.	2.1	23
90	Effect of <i>Eurycoma longifolia</i> Jack (Tongkat ali) extract on human spermatozoa in vitro. <i>Andrologia</i> , 2012, 44, 308-314.	2.1	23

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91	A Novel Approach to Improving the Reliability of Manual Semen Analysis: A Paradigm Shift in the Workup of Infertile Men. <i>World Journal of Men's Health</i> , 2021, 39, 172.	3.3	23
92	Further indications of the multicomponent nature of the acrosome reaction-inducing substance of human follicular fluid. <i>Molecular Reproduction and Development</i> , 1995, 42, 80-88.	2.0	22
93	Glass wool filtration reduces reactive oxygen species by elimination of leukocytes in oligozoospermic patients with leukocytospermia. <i>Journal of Assisted Reproduction and Genetics</i> , 1996, 13, 489-494.	2.5	20
94	PICSI vs. MACS for abnormal sperm DNA fragmentation ICSI cases: a prospective randomized trial. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2605-2613.	2.5	20
95	Diagnostic value of advanced semen analysis in evaluation of male infertility. <i>Andrologia</i> , 2021, 53, e13625.	2.1	20
96	The validity and reliability of computer-aided semen analyzers in performing semen analysis: a systematic review. <i>Translational Andrology and Urology</i> , 2021, 10, 3069-3079.	1.4	20
97	Integrins and adhesion molecules: Low expression of adhesion molecules and matrix proteins in patients showing poor penetration in zona-free hamster oocytes. <i>Molecular Human Reproduction</i> , 1996, 2, 335-339.	2.8	19
98	Seasonal Changes of Neutral α -Glucosidase Activity in Human Semen. <i>Journal of Andrology</i> , 2006, 27, 34-39.	2.0	19
99	Proteomics and metabolomics – Current and future perspectives in clinical andrology. <i>Andrologia</i> , 2021, 53, e13711.	2.1	19
100	Interpretation of semen analysis using WHO 1999 and WHO 2010 reference values: Abnormal becoming normal. <i>Andrologia</i> , 2018, 50, e12838.	2.1	18
101	The effect of <i>Nigella sativa</i> oil and metformin on male seminal parameters and testosterone in Wistar rats exposed to an obesogenic diet. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111085.	5.6	18
102	Urogenital inflammation: changes of leucocytes and ROS. <i>Andrologia</i> , 2003, 35, 309-313.	2.1	18
103	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. <i>World Journal of Men's Health</i> , 2022, 40, 228.	3.3	18
104	Acrosin activity of human spermatozoa by means of a simple gelatinolytic technique: a method useful for IVF. <i>Journal of Andrology</i> , 1995, 16, 272-7.	2.0	18
105	Accurate sperm morphology assessment predicts sperm function. <i>Andrologia</i> , 2012, 44, 571-577.	2.1	17
106	Correlation of oxidation–reduction potential with hormones, semen parameters and testicular volume. <i>Andrologia</i> , 2019, 51, e13258.	2.1	17
107	Predictive value of oxidative stress testing in semen for sperm DNA fragmentation assessed by sperm chromatin dispersion test. <i>Andrology</i> , 2020, 8, 610-617.	3.5	17
108	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , 2022, 40, 191.	3.3	17

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109	Outer dense fibres of human spermatozoa: partial characterization and possible physiological functions. <i>Journal of Developmental and Physical Disabilities</i> , 1994, 17, 68-73.	3.6	16
110	The effect of sperm DNA fragmentation on intracytoplasmic sperm injection outcome. <i>Andrologia</i> , 2021, 53, e14180.	2.1	16
111	Consensus and Diversity in the Management of Varicocele for Male Infertility: Results of a Global Practice Survey and Comparison with Guidelines and Recommendations. <i>World Journal of Men's Health</i> , 2023, 41, 164.	3.3	16
112	Isolation and Partial Characterization of the Outer Dense Fiber Proteins from Human Spermatozoa. <i>Biological Chemistry Hoppe-Seyler</i> , 1992, 373, 685-690.	1.4	15
113	Urogenital inflammation: changes of leucocytes and ROS. <i>Andrologia</i> , 2003, 35, 309-13.	2.1	15
114	Sperm cell biology: current perspectives and future prospects. <i>Asian Journal of Andrology</i> , 2011, 13, 3-5.	1.6	14
115	Sperm DNA Fragmentation: Origin and Impact on Human Reproduction. <i>Journal of Reproductive and Stem Cell Biotechnology</i> , 2011, 2, 88-108.	0.1	14
116	Sequential analysis of sperm functional aspects involved in fertilisation: a pilot study. <i>Andrologia</i> , 2012, 44, 175-181.	2.1	14
117	Protective effects of saffron against zearalenone-induced alterations in reproductive hormones in female mice (<i>Mus musculus</i>). <i>Clinical and Experimental Reproductive Medicine</i> , 2018, 45, 163-169.	1.5	14
118	Zona pellucida as physiological trigger for the induction of acrosome reaction. <i>Andrologia</i> , 1998, 30, 275-280.	2.1	13
119	Calibration of redox potential in sperm wash media and evaluation of oxidation–reduction potential values in various assisted reproductive technology culture media using MiOXSYS system. <i>Andrology</i> , 2018, 6, 293-300.	3.5	13
120	Carica papaya seed extract slows human sperm. <i>Journal of Ethnopharmacology</i> , 2019, 241, 111972.	4.1	13
121	An update on the techniques used to measure oxidative stress in seminal plasma. <i>Andrologia</i> , 2021, 53, e13726.	2.1	13
122	Geographical differences in semen characteristics: Comparing semen parameters of infertile men of the United States and Iraq. <i>Andrologia</i> , 2020, 52, e13519.	2.1	13
123	Male Age and Progressive Sperm Motility Are Critical Factors Affecting Embryological and Clinical Outcomes in Oocyte Donor ICSI Cycles. <i>Reproductive Sciences</i> , 2022, 29, 883-895.	2.5	13
124	Comprehensive Analysis of Global Research on Human Varicocele: A Scientometric Approach. <i>World Journal of Men's Health</i> , 2022, 40, .	3.3	13
125	TUNEL assay: Establishing a sperm DNA fragmentation cutoff value for Egyptian infertile men. <i>Andrologia</i> , 2019, 51, e13375.	2.1	12
126	Effect of microsurgical varicocelectomy on fertility outcome and treatment plans of patients with severe oligozoospermia: An original report and meta-analysis. <i>Andrologia</i> , 2021, 53, e14059.	2.1	12

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127	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.	3.3	12
128	Effect of <i>Typha capensis</i> (Rohrb.) N.E.Br. rhizome extract F1 fraction on cell viability, apoptosis induction and testosterone production in TM3-Leydig cells. Andrologia, 2018, 50, e12854.	2.1	11
129	Evaluation of seminal oxidation-reduction potential in male infertility. Andrologia, 2021, 53, e13610.	2.1	11
130	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.	3.3	11
131	Long-term consequences of sexually transmitted infections on men's sexual function: A systematic review. Arab Journal of Urology Arab Association of Urology, 2021, 19, 411-418.	1.5	11
132	A systemic review and meta-analysis exploring the predictors of sperm retrieval in patients with non-obstructive azoospermia and chromosomal abnormalities. Andrologia, 2022, 54, e14303.	2.1	11
133	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.	3.3	11
134	Predictive value of seminal oxidation-reduction potential analysis for reproductive outcomes of ICSI. Reproductive BioMedicine Online, 2022, 45, 1007-1020.	2.4	11
135	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.	2.5	10
136	Different cumulative pregnancy rates in patients with repeated IVF- or ICSI cycles: possible influence of a male factor. Andrologia, 1999, 31, 149-156.	2.1	9
137	Induction of acrosome reaction by low temperature is comparable to physiological induction by human follicular fluid. Andrologia, 1998, 30, 159-161.	2.1	9
138	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
139	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.	2.5	8
140	Evaluation of reference values of standard semen parameters in fertile Egyptian men. Andrologia, 2018, 50, e12942.	2.1	8
141	Aqueous leaf extract of <i>Moringa oleifera</i> reduced intracellular ROS production, DNA fragmentation and acrosome reaction in Human spermatozoa in vitro. Andrologia, 2021, 53, e13903.	2.1	8
142	Scientific landscape of oxidative stress in male reproductive research: A scientometric study. Free Radical Biology and Medicine, 2020, 156, 36-44.	2.9	8
143	Ritalinic Acid Stimulates Human Sperm Motility and Maintains Vitality In Vitro. World Journal of Men's Health, 2020, 38, 61.	3.3	8
144	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.	1.9	7

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145	Effect of <i>Cissampelos capensis</i> rhizome extract on human spermatozoa <i>in vitro</i> . Andrologia, 2015, 47, 318-327.	2.1	7
146	Cumene hydroperoxide induced changes in oxidation-reduction potential in fresh and frozen seminal ejaculates. Andrologia, 2018, 50, e12796.	2.1	7
147	Association of <i>XRCC1</i> and <i>ERCC2</i> promoters' methylation with chromatin condensation and sperm DNA fragmentation in idiopathic oligoasthenozoospermic men. Andrologia, 2021, 53, e13925.	2.1	7
148	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.	1.6	7
149	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.	1.6	7
150	Advancement in biochemical assays in andrology. Asian Journal of Andrology, 1999, 1, 45-51.	1.6	7
151	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
152	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.	2.1	6
153	Environmental Contamination and Testicular Function. , 2018, , 191-208.		6
154	Impact of Environmental Factors on the Genomics and Proteomics Landscapes of Male Infertility. , 2018, , 335-353.		6
155	Is there plagiarism in the most influential publications in the field of andrology?. Andrologia, 2019, 51, e13405.	2.1	6
156	Oleanolic acid causes reversible contraception in male mice by increasing the permeability of the germinal epithelium. Reproduction, Fertility and Development, 2019, 31, 1589.	0.4	6
157	Protein profiling in unlocking the basis of varicocele-associated infertility. Andrologia, 2021, 53, e13645.	2.1	6
158	A scientometric analysis of research publications on male infertility and assisted reproductive technology. Andrologia, 2021, 53, e13842.	2.1	6
159	An online educational model in andrology for student training in the art of scientific writing in the COVID-19 pandemic. Andrologia, 2021, 53, e13961.	2.1	6
160	Somatic-Immune Cells Crosstalk In-The-Making of Testicular Immune Privilege. Reproductive Sciences, 2022, 29, 2707-2718.	2.5	6
161	Origins of Sperm DNA Damage. , 2020, , 361-375.		6
162	Estimate of oxygen consumption and intracellular zinc concentration of human spermatozoa in relation to motility. Asian Journal of Andrology, 2003, 5, 3-8.	1.6	6

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163	Use of failed-fertilized oocytes for diagnostic zona binding purposes after sperm binding improvement with a modified medium. <i>Journal of Assisted Reproduction and Genetics</i> , 1999, 16, 24-29.	2.5	5
164	Development of a new, highly sensitive zona pellucida binding assay using a bioluminescence-enhanced detection system. <i>Andrologia</i> , 2001, 33, 215-221.	2.1	5
165	Infection in Infertility. , 2012, , 261-272.		5
166	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. <i>Biomarkers</i> , 2017, 22, 740-746.	1.9	5
167	Clinical utility of sperm DNA fragmentation testing: a commentary. <i>Translational Andrology and Urology</i> , 2017, 6, S632-S635.	1.4	5
168	Promoter methylation analysis of <i>CDH1</i> and <i>p14ARF</i> genes in patients with urothelial bladder cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 4189-4196.	2.0	5
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