

Sandro C. Esteves

List of Publications by Year in descending order

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361
papers

11,793
citations

20817

60
h-index

37204

96
g-index

407
all docs

407
docs citations

407
times ranked

6552
citing authors

#	ARTICLE	IF	CITATIONS
1	A new more detailed stratification of low responders to ovarian stimulation: from a poor ovarian response to a low prognosis concept. <i>Fertility and Sterility</i> , 2016, 105, 1452-1453.	1.0	401
2	Cigarette Smoking and Semen Quality: A New Meta-analysis Examining the Effect of the 2010 World Health Organization Laboratory Methods for the Examination of Human Semen. <i>European Urology</i> , 2016, 70, 635-645.	1.9	338
3	Bibliometrics: tracking research impact by selecting the appropriate metrics. <i>Asian Journal of Andrology</i> , 2016, 18, 296.	1.6	320
4	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. <i>Translational Andrology and Urology</i> , 2016, 5, 935-950.	1.4	310
5	Fresh versus elective frozen embryo transfer in IVF/ICSI cycles: a systematic review and meta-analysis of reproductive outcomes. <i>Human Reproduction Update</i> , 2019, 25, 2-14.	10.8	307
6	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , 2019, 37, 296.	3.3	256
7	Insight into oxidative stress in varicocele-associated male infertility: part 1. <i>Nature Reviews Urology</i> , 2012, 9, 678-690.	3.8	244
8	An update on the clinical assessment of the infertile male. <i>Clinics</i> , 2011, 66, 691-700.	1.5	222
9	Unexplained Male infertility: diagnosis and Management. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2012, 38, 576-594.	1.5	205
10	The novel POSEIDON stratification of "Low prognosis patients in Assisted Reproductive Technology" and its proposed marker of successful outcome. <i>F1000Research</i> , 2016, 5, 2911.	1.6	201
11	Novel insights into the pathophysiology of varicocele and its association with reactive oxygen species and sperm DNA fragmentation. <i>Asian Journal of Andrology</i> , 2016, 18, 186.	1.6	197
12	Comparison of reproductive outcome in oligozoospermic men with high sperm DNA fragmentation undergoing intracytoplasmic sperm injection with ejaculated and testicular sperm. <i>Fertility and Sterility</i> , 2015, 104, 1398-1405.	1.0	195
13	Critical Appraisal of World Health Organization's New Reference Values for Human Semen Characteristics and Effect on Diagnosis and Treatment of Subfertile Men. <i>Urology</i> , 2012, 79, 16-22.	1.0	189
14	Reproductive outcomes of testicular versus ejaculated sperm for intracytoplasmic sperm injection among men with high levels of DNA fragmentation in semen: systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2017, 108, 456-467.e1.	1.0	165
15	Hypogonadotropic Hypogonadism Revisited. <i>Clinics</i> , 2013, 68, 81-88.	1.5	163
16	Effect of mobile telephones on sperm quality: A systematic review and meta-analysis. <i>Environment International</i> , 2014, 70, 106-112.	10.0	162
17	Intracytoplasmic sperm injection for male infertility and consequences for offspring. <i>Nature Reviews Urology</i> , 2018, 15, 535-562.	3.8	158
18	Clinical relevance of routine semen analysis and controversies surrounding the 2010 World Health Organization criteria for semen examination. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2014, 40, 433-453.	1.5	150

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19	A comprehensive review of genetics and genetic testing in azoospermia. <i>Clinics</i> , 2013, 68, 39-60.	1.5	148
20	Clinical management of infertile men with nonobstructive azoospermia. <i>Asian Journal of Andrology</i> , 2015, 17, 459.	1.6	133
21	Clinical Outcome of Intracytoplasmic Sperm Injection in Infertile Men With Treated and Untreated Clinical Varicocele. <i>Journal of Urology</i> , 2010, 184, 1442-1446.	0.4	125
22	Should we evaluate and treat sperm DNA fragmentation?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2016, 28, 164-171.	2.0	125
23	Insight into oxidative stress in varicocele-associated male infertility: part 2. <i>Nature Reviews Urology</i> , 2013, 10, 26-37.	3.8	124
24	Defining Low Prognosis Patients Undergoing Assisted Reproductive Technology: POSEIDON Criteriaâ€”The Why. <i>Frontiers in Endocrinology</i> , 2018, 9, 461.	3.5	122
25	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. <i>Andrologia</i> , 2021, 53, e13874.	2.1	121
26	Outcome of varicocele repair in men with nonobstructive azoospermia: systematic review and meta-analysis. <i>Asian Journal of Andrology</i> , 2016, 18, 246.	1.6	117
27	Abstinence Time and Its Impact on Basic and Advanced Semen Parameters. <i>Urology</i> , 2016, 94, 102-110.	1.0	109
28	Sperm retrieval techniques for assisted reproduction. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2011, 37, 570-583.	1.5	107
29	Understanding Ovarian Hypo-Response to Exogenous Gonadotropin in Ovarian Stimulation and Its New Proposed Markerâ€”The Follicle-To-Oocyte (FOI) Index. <i>Frontiers in Endocrinology</i> , 2018, 9, 589.	3.5	106
30	Recombinant luteinizing hormone supplementation in assisted reproductive technology: a systematic review. <i>Fertility and Sterility</i> , 2018, 109, 644-664.	1.0	105
31	Terminal deoxynucleotidyl transferase dUTP nick end labeling (TUNEL) assay using bench top flow cytometer for evaluation of sperm DNA fragmentation in fertility laboratories: protocol, reference values, and quality control. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 291-300.	2.5	98
32	The Society for Translational Medicine: clinical practice guidelines for sperm DNA fragmentation testing in male infertility. <i>Translational Andrology and Urology</i> , 2017, 6, S720-S733.	1.4	97
33	Diagnostic accuracy of sperm chromatin dispersion test to evaluate sperm deoxyribonucleic acid damage in men with unexplained infertility. <i>Fertility and Sterility</i> , 2014, 101, 58-63.e3.	1.0	96
34	Effect of varicocele on semen characteristics according to the new 2010 World Health Organization criteria: a systematic review and meta-analysis. <i>Asian Journal of Andrology</i> , 2016, 18, 163.	1.6	92
35	Reproductive outcomes, including neonatal data, following sperm injection in men with obstructive and nonobstructive azoospermia: case series and systematic review. <i>Clinics</i> , 2013, 68, 141-149.	1.5	92
36	Recovery of spermatogenesis after microsurgical subinguinal varicocele repair in azoospermic men based on testicular histology. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2005, 31, 541-548.	1.5	91

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37	Diagnostic accuracy of sperm DNA degradation index (DDSi) as a potential noninvasive biomarker to identify men with varicocele-associated infertility. <i>International Urology and Nephrology</i> , 2015, 47, 1471-1477.	1.4	88
38	Outcome of assisted reproductive technology in men with treated and untreated varicocele: systematic review and meta-analysis. <i>Asian Journal of Andrology</i> , 2016, 18, 254.	1.6	87
39	A translational medicine appraisal of specialized andrology testing in unexplained male infertility. <i>International Urology and Nephrology</i> , 2014, 46, 1037-1052.	1.4	86
40	Effect of varicocele repair on sperm DNA fragmentation: a review. <i>International Urology and Nephrology</i> , 2018, 50, 583-603.	1.4	85
41	Reproductive Potential of Men with Obstructive Azoospermia Undergoing Percutaneous Sperm Retrieval and Intracytoplasmic Sperm Injection According to the Cause of Obstruction. <i>Journal of Urology</i> , 2013, 189, 232-237.	0.4	84
42	Clinical relevance of genetic variants of gonadotrophins and their receptors in controlled ovarian stimulation: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2018, 24, 599-614.	10.8	83
43	A Critical Appraisal on the Role of Varicocele in Male Infertility. <i>Advances in Urology</i> , 2012, 2012, 1-9.	1.3	82
44	Cryopreservation of human spermatozoa with pentoxifylline improves the post-thaw agonist-induced acrosome reaction rate. <i>Human Reproduction</i> , 1998, 13, 3384-3389.	0.9	81
45	COVID-19 and assisted reproductive technology services: repercussions for patients and proposal for individualized clinical management. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 45.	3.3	81
46	Unexplained male infertility. <i>Human Andrology</i> , 2011, 1, 2-16.	0.2	80
47	Implementation of air quality control in reproductive laboratories in full compliance with the Brazilian Cells and Germinative Tissue Directive. <i>Reproductive BioMedicine Online</i> , 2013, 26, 9-21.	2.4	78
48	Gonadotropin therapy in assisted reproduction: an evolutionary perspective from biologics to biotech. <i>Clinics</i> , 2014, 69, 279-293.	1.5	78
49	Comparison of sperm retrieval and reproductive outcome in azoospermic men with testicular failure and obstructive azoospermia treated for infertility. <i>Asian Journal of Andrology</i> , 2014, 16, 602.	1.6	78
50	Specialized sperm function tests in varicocele and the future of andrology laboratory. <i>Asian Journal of Andrology</i> , 2016, 18, 205.	1.6	76
51	Novel concepts in male factor infertility: clinical and laboratory perspectives. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1319-1335.	2.5	76
52	A Novel Predictive Model to Estimate the Number of Mature Oocytes Required for Obtaining at Least One Euploid Blastocyst for Transfer in Couples Undergoing in vitro Fertilization/Intracytoplasmic Sperm Injection: The ART Calculator. <i>Frontiers in Endocrinology</i> , 2019, 10, 99.	3.5	76
53	Novel concepts in male infertility. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2011, 37, 5-15.	1.5	74
54	Management of Women With an Unexpected Low Ovarian Response to Gonadotropin. <i>Frontiers in Endocrinology</i> , 2019, 10, 387.	3.5	72

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55	Sperm defect severity rather than sperm source is associated with lower fertilization rates after intracytoplasmic sperm injection. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2008, 34, 49-56.	1.5	71
56	Comparative Study of the Fertility Potential of Men with only one Testis. <i>Scandinavian Journal of Urology and Nephrology</i> , 1991, 25, 255-259.	1.4	69
57	Improvement in motion characteristics and acrosome status in cryopreserved human spermatozoa by swim-up processing before freezing. <i>Human Reproduction</i> , 2000, 15, 2173-2179.	0.9	69
58	The POSEIDON Criteria and Its Measure of Success Through the Eyes of Clinicians and Embryologists. <i>Frontiers in Endocrinology</i> , 2019, 10, 814.	3.5	69
59	An update on clinical and surgical interventions to reduce sperm DNA fragmentation in infertile men. <i>Andrology</i> , 2020, 8, 53-81.	3.5	69
60	Role of genetics and epigenetics in male infertility. <i>Andrologia</i> , 2021, 53, e13586.	2.1	67
61	What every gynecologist should know about male infertility: an update. <i>Archives of Gynecology and Obstetrics</i> , 2012, 286, 217-229.	1.7	66
62	Individualized controlled ovarian stimulation in expected poor-responders: an update. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 20.	3.3	66
63	Ureteroscopic Stone Removal in the Distal Ureter. Why Change?. <i>Journal of Urology</i> , 1997, 157, 2081-2083.	0.4	65
64	An update on sperm retrieval techniques for azoospermic males. <i>Clinics</i> , 2013, 68, 99-110.	1.5	65
65	Proteomic Signatures of Sperm Mitochondria in Varicocele: Clinical Use as Biomarkers of Varicocele Associated Infertility. <i>Journal of Urology</i> , 2018, 200, 414-422.	0.4	65
66	Estimation of age-dependent decrease in blastocyst euploidy by next generation sequencing: development of a novel prediction model. <i>Panminerva Medica</i> , 2019, 61, 3-10.	0.8	62
67	Use of testicular sperm for intracytoplasmic sperm injection in men with high sperm DNA fragmentation: a SWOT analysis. <i>Asian Journal of Andrology</i> , 2018, 20, 1.	1.6	58
68	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 18.	3.3	57
69	GnRH Agonist Trigger and LH Activity Luteal Phase Support versus hCG Trigger and Conventional Luteal Phase Support in Fresh Embryo Transfer IVF/ICSI Cycles: A Systematic PRISMA Review and Meta-analysis. <i>Frontiers in Endocrinology</i> , 2017, 8, 116.	3.5	56
70	Suitability of the hypo-osmotic swelling test for assessing the viability of cryopreserved sperm. <i>Fertility and Sterility</i> , 1996, 66, 798-804.	1.0	55
71	A systematic review of recent clinical practice guidelines and best practice statements for the evaluation of the infertile male. <i>International Urology and Nephrology</i> , 2015, 47, 1441-1456.	1.4	54
72	Reactive oxygen species-induced alterations in H19-Igf2 methylation patterns, seminal plasma metabolites, and semen quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 241-253.	2.5	50

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73	Laboratory handling of epididymal and testicular spermatozoa: What can be done to improve sperm injections outcome. <i>Journal of Human Reproductive Sciences</i> , 2012, 5, 233.	0.9	47
74	A clinical appraisal of the genetic basis in unexplained male infertility. <i>Journal of Human Reproductive Sciences</i> , 2013, 6, 176.	0.9	47
75	Preparation of the Endometrium for Frozen Embryo Transfer: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 688237.	3.5	47
76	Influence of antisperm antibodies in the semen on intracytoplasmic sperm injection outcome. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2007, 33, 795-802.	1.5	46
77	Sperm DNA fragmentation testing: a cross sectional survey on current practices of fertility specialists. <i>Translational Andrology and Urology</i> , 2017, 6, S710-S719.	1.4	46
78	Novel approaches for diagnosis and management of low prognosis patients in assisted reproductive technology: the POSEIDON concept. <i>Panminerva Medica</i> , 2019, 61, 24-29.	0.8	46
79	Effect of varicocele on sperm deoxyribonucleic acid fragmentation rates in infertile men with clinical varicocele: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2021, 116, 696-712.	1.0	45
80	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. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2007, 33, 364-376.	1.5	44
81	Summary evidence on the effects of varicocele treatment to improve natural fertility in subfertile men. <i>Asian Journal of Andrology</i> , 2016, 18, 239.	1.6	44
82	Effects of pentoxifylline treatment before freezing on motility, viability and acrosome status of poor quality human spermatozoa cryopreserved by the liquid nitrogen vapor method. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 985-992.	1.5	43
83	Management Strategies for POSEIDON Groups 3 and 4. <i>Frontiers in Endocrinology</i> , 2019, 10, 614.	3.5	43
84	Ascorbic acid reduces redox potential in human spermatozoa subjected to heat-induced oxidative stress. <i>Andrologia</i> , 2017, 49, e12773.	2.1	41
85	SARS-CoV-2 pandemic and repercussions for male infertility patients: A proposal for the individualized provision of andrological services. <i>Andrology</i> , 2021, 9, 10-18.	3.5	41
86	TRANSURETHRAL RESECTION OF PARTIALLY OBSTRUCTED EJACULATORY DUCTS: SEMINAL PARAMETERS AND PREGNANCY OUTCOMES ACCORDING TO THE ETIOLOGY OF OBSTRUCTION. <i>Journal of Urology</i> , 1998, 159, 2048-2053.	0.4	39
87	Predictors of surgical sperm retrieval in non-obstructive azoospermia: summary of current literature. <i>International Urology and Nephrology</i> , 2020, 52, 2015-2038.	1.4	36
88	Predictive factors for sperm retrieval and sperm injection outcomes in obstructive azoospermia: Do etiology, retrieval techniques and gamete source play a role?. <i>Clinics</i> , 2013, 68, 111-119.	1.5	35
89	A Strengths-Weaknesses-Opportunities-Threats (SWOT) analysis on the clinical utility of sperm DNA fragmentation testing in specific male infertility scenarios. <i>Translational Andrology and Urology</i> , 2017, 6, S734-S760.	1.4	35
90	A quality management approach to controlled ovarian stimulation in assisted reproductive technology: the "Fischer protocol". <i>Panminerva Medica</i> , 2019, 61, 11-23.	0.8	35

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91	SARS-CoV-2 and its relationship with the genitourinary tract: Implications for male reproductive health in the context of COVID-19 pandemic. <i>Andrology</i> , 2021, 9, 73-79.	3.5	35
92	Reactive oxygen species and sperm DNA fragmentation. <i>Translational Andrology and Urology</i> , 2017, 6, S695-S696.	1.4	35
93	Antioxidants for elevated sperm DNA fragmentation: a mini review. <i>Translational Andrology and Urology</i> , 2017, 6, S649-S653.	1.4	34
94	Microdissection testicular sperm extraction (micro-TESE) in men with infertility due to nonobstructive azoospermia: summary of current literature. <i>International Urology and Nephrology</i> , 2021, 53, 2193-2210.	1.4	34
95	Afterword to varicocele and male infertility: current concepts and future perspectives. <i>Asian Journal of Andrology</i> , 2016, 18, 319.	1.6	34
96	Surgical treatment of male infertility in the era of intracytoplasmic sperm injection – new insights. <i>Clinics</i> , 2011, 66, 1463-1477.	1.5	33
97	Control of air pollution in assisted reproductive technology laboratory and adjacent areas improves embryo formation, cleavage and pregnancy rates and decreases abortion rate: Comparison between a class 100 (ISO 5) and a class 1.000 (ISO 6) cleanroom for micromanipulation and embryo culture. <i>Fertility and Sterility</i> , 2004, 82, S259-S260.	1.0	32
98	Insights into the role of cervical mucus and vaginal pH in unexplained infertility. <i>Medical Express</i> , 2015, 2, .	0.2	32
99	Indications and outcomes of varicocele repair. <i>Panminerva Medica</i> , 2019, 61, 152-163.	0.8	32
100	Characterisation of a subpopulation of sperm with massive nuclear damage, as recognised with the sperm chromatin dispersion test. <i>Andrologia</i> , 2014, 46, 602-609.	2.1	31
101	Differential Diagnosis of Azoospermia in Men with Infertility. <i>Journal of Clinical Medicine</i> , 2021, 10, 3144.	2.4	31
102	A systematic review of clinical practice guidelines and best practice statements for the diagnosis and management of varicocele in children and adolescents. <i>Asian Journal of Andrology</i> , 2016, 18, 262.	1.6	30
103	Cumulative delivery rate per aspiration IVF/ICSI cycle in POSEIDON patients: a real-world evidence study of 9073 patients. <i>Human Reproduction</i> , 2021, 36, 2157-2169.	0.9	30
104	Microdissection Testicular Sperm Extraction (micro-TESE) as a Sperm Acquisition Method for Men with Nonobstructive Azoospermia Seeking Fertility: Operative and Laboratory Aspects. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2013, 39, 440-441.	1.5	27
105	Update on the management of poor ovarian response in IVF: the shift from Bologna criteria to the Poseidon concept. <i>Therapeutic Advances in Reproductive Health</i> , 2020, 14, 263349412094148.	2.1	27
106	Validation of ART Calculator for Predicting the Number of Metaphase II Oocytes Required for Obtaining at Least One Euploid Blastocyst for Transfer in Couples Undergoing in vitro Fertilization/Intracytoplasmic Sperm Injection. <i>Frontiers in Endocrinology</i> , 2019, 10, 917.	3.5	27
107	The azoospermic male: current knowledge and future perspectives. <i>Clinics</i> , 2013, 68, 1-4.	1.5	26
108	Multi-centre assessment of nitroblue tetrazolium reactivity in human semen as a potential marker of oxidative stress. <i>Reproductive BioMedicine Online</i> , 2017, 34, 513-521.	2.4	26

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109	Association Between Progesterone Elevation on the Day of Human Chronic Gonadotropin Trigger and Pregnancy Outcomes After Fresh Embryo Transfer in In Vitro Fertilization/Intracytoplasmic Sperm Injection Cycles. <i>Frontiers in Endocrinology</i> , 2018, 9, 201.	3.5	26
110	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
111	Sperm retrieval rates by micro-TESE versus conventional TESE in men with non-obstructive azoospermia—the assumption of independence in effect sizes might lead to misleading conclusions. <i>Human Reproduction Update</i> , 2020, 26, 603-605.	10.8	26
112	Resistance of human spermatozoa to cryoinjury in repeated cycles of thaw-refreezing. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2009, 35, 581-591.	1.5	25
113	Chromosomal and molecular abnormalities in a group of Brazilian infertile men with severe oligozoospermia or non-obstructive azoospermia attending an infertility service. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2011, 37, 244-251.	1.5	25
114	Impact of Body Mass Index on female fertility and ART outcomes. <i>Panminerva Medica</i> , 2019, 61, 58-67.	0.8	25
115	Clinical utility of sperm DNA fragmentation testing: concise practice recommendations. <i>Translational Andrology and Urology</i> , 2017, 6, S366-S373.	1.4	24
116	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
117	Methods of surgical sperm extraction and implications for assisted reproductive technology success. <i>Panminerva Medica</i> , 2019, 61, 164-177.	0.8	24
118	The relationship among sperm global DNA methylation, telomere length, and DNA fragmentation in varicocele: a cross-sectional study of 20 cases. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 95-104.	2.1	24
119	SARS-CoV-2 and Multi-Organ damage – What men's health specialists should know about the COVID-19 pathophysiology. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2021, 47, 637-646.	1.5	24
120	Micro-dissection testicular sperm extraction as an alternative for sperm acquisition in the most difficult cases of Azoospermia: Technique and preliminary results in India. <i>Journal of Human Reproductive Sciences</i> , 2013, 6, 111.	0.9	23
121	Varicocele and male infertility: current concepts and future perspectives. <i>Asian Journal of Andrology</i> , 2016, 18, 161.	1.6	23
122	Viral infections and implications for male reproductive health. <i>Asian Journal of Andrology</i> , 2021, 23, 335.	1.6	23
123	The problem of mixing “apples and oranges” in meta-analytic studies. <i>Translational Andrology and Urology</i> , 2017, 6, S412-S413.	1.4	22
124	Differential DNA methylation pattern and sperm quality in men with varicocele. <i>Fertility and Sterility</i> , 2020, 114, 770-778.	1.0	22
125	Antegrade endopyelotomy for pelvi-ureteric junction obstruction in children. <i>BJU International</i> , 1996, 78, 607-612.	2.5	21
126	Optimising Follicular Development, Pituitary Suppression, Triggering and Luteal Phase Support During Assisted Reproductive Technology: A Delphi Consensus. <i>Frontiers in Endocrinology</i> , 2021, 12, 675670.	3.5	21

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127	Recombinant human luteinizing hormone co-treatment in ovarian stimulation for assisted reproductive technology in women of advanced reproductive age: a systematic review and meta-analysis of randomized controlled trials. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 91.	3.3	21
128	A comparison of menotropin, highly-purified menotropin and follitropin alfa in cycles of intracytoplasmic sperm injection. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 111.	3.3	20
129	Freeze-all strategy in IVF/ICSI cycles: an update on clinical utility. <i>Panminerva Medica</i> , 2019, 61, 52-57.	0.8	20
130	The combined effect of lifestyle intervention and antioxidant therapy on sperm DNA fragmentation and seminal oxidative stress in IVF patients: a pilot study. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2022, 48, 131-156.	1.5	20
131	Shedding Light on the Controversy Surrounding the Temporal Decline in Human Sperm Counts: A Systematic Review. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	19
132	Future Perspectives of POSEIDON Stratification for Clinical Practice and Research. <i>Frontiers in Endocrinology</i> , 2019, 10, 439.	3.5	19
133	Clinical utility of sperm DNA damage in male infertility. <i>Panminerva Medica</i> , 2019, 61, 118-127.	0.8	19
134	Clinical utility of freeze-all approach in ART treatment: A mini-review. <i>Cryobiology</i> , 2020, 92, 9-14.	0.7	19
135	Reliability of the sperm chromatin dispersion assay to evaluate sperm deoxyribonucleic acid damage in men with infertility. <i>Fertility and Sterility</i> , 2022, 117, 64-73.	1.0	19
136	Paternal age and assisted reproductive technology: problem solver or trouble maker?. <i>Panminerva Medica</i> , 2019, 61, 138-151.	0.8	18
137	Interventions to Prevent Sperm DNA Damage Effects on Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1166, 119-148.	1.6	17
138	Fresh versus frozen blastocyst transfer. <i>Lancet, The</i> , 2019, 394, 1227-1228.	13.7	17
139	Re: Sperm retrieval rates and intracytoplasmic sperm injection outcomes for men with non-obstructive azoospermia and the health of resulting offspring. <i>Asian Journal of Andrology</i> , 2014, 16, 642.	1.6	17
140	Evolution of the World Health Organization semen analysis manual: where are we?. <i>Nature Reviews Urology</i> , 2022, 19, 439-446.	3.8	17
141	Implementation of cleanroom technology in reproductive laboratories: the question is not why but how. <i>Reproductive BioMedicine Online</i> , 2016, 32, 9-11.	2.4	16
142	The complex nature of the sperm DNA damage process. <i>Translational Andrology and Urology</i> , 2017, 6, S557-S559.	1.4	16
143	Testicular versus ejaculated sperm should be used for intracytoplasmic sperm injection (ICSI) in cases of infertility associated with sperm DNA fragmentation Opinion: Yes. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2018, 44, 667-675.	1.5	16
144	Antral follicle count and anti-Müllerian hormone to classify low-prognosis women under the POSEIDON criteria: a classification agreement study of over 9000 patients. <i>Human Reproduction</i> , 2021, 36, 1530-1541.	0.9	16

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