

Sandro C. Esteves

List of Publications by Citations

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257
papers

7,478
citations

51
h-index

76
g-index

407
ext. papers

9,917
ext. citations

3
avg, IF

6.84
L-index

#	Paper	IF	Citations
257	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. <i>Translational Andrology and Urology</i> , 2016 , 5, 935-950	2.3	201
256	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	10.2	200
255	Insight into oxidative stress in varicocele-associated male infertility: part 1. <i>Nature Reviews Urology</i> , 2012 , 9, 678-90	5.5	190
254	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	15.8	175
253	Bibliometrics: tracking research impact by selecting the appropriate metrics. <i>Asian Journal of Andrology</i> , 2016 , 18, 296-309	2.8	158
252	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, 296-312	6.8	151
251	Unexplained male infertility: diagnosis and management. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2012 , 38, 576-94	2	150
250	An update on the clinical assessment of the infertile male. [corrected]. <i>Clinics</i> , 2011 , 66, 691-700	2.3	149
249	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, 186-93	2.8	149
248	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	1.6	144
247	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	3.6	128
246	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, 1398-405	4.8	123
245	Effect of mobile telephones on sperm quality: a systematic review and meta-analysis. <i>Environment International</i> , 2014 , 70, 106-12	12.9	117
244	Hypogonadotropic hypogonadism revisited. <i>Clinics</i> , 2013 , 68 Suppl 1, 81-8	2.3	106
243	Insight into oxidative stress in varicocele-associated male infertility: part 2. <i>Nature Reviews Urology</i> , 2013 , 10, 26-37	5.5	104
242	A comprehensive review of genetics and genetic testing in azoospermia. <i>Clinics</i> , 2013 , 68 Suppl 1, 39-60	2.3	103
241	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	4.8	97

240	Clinical outcome of intracytoplasmic sperm injection in infertile men with treated and untreated clinical varicocele. <i>Journal of Urology</i> , 2010 , 184, 1442-6	2.5	95
239	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, 443-53	2	88
238	Outcome of varicocele repair in men with nonobstructive azoospermia: systematic review and meta-analysis. <i>Asian Journal of Andrology</i> , 2016 , 18, 246-53	2.8	86
237	Sperm retrieval techniques for assisted reproduction. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2011 , 37, 570-83	2	80
236	Clinical management of infertile men with nonobstructive azoospermia. <i>Asian Journal of Andrology</i> , 2015 , 17, 459-70	2.8	78
235	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, 541-8	2	78
234	Should we evaluate and treat sperm DNA fragmentation?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2016 , 28, 164-71	2.4	73
233	Cryopreservation of human spermatozoa with pentoxifylline improves the post-thaw agonist-induced acrosome reaction rate. <i>Human Reproduction</i> , 1998 , 13, 3384-9	5.7	72
232	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, 163-70	2.8	71
231	Abstinence Time and Its Impact on Basic and Advanced Semen Parameters. <i>Urology</i> , 2016 , 94, 102-10	1.6	71
230	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	2.3	70
229	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	3.4	70
228	A critical appraisal on the role of varicocele in male infertility. <i>Advances in Urology</i> , 2012 , 2012, 597495	1.6	70
227	Intracytoplasmic sperm injection for male infertility and consequences for offspring. <i>Nature Reviews Urology</i> , 2018 , 15, 535-562	5.5	69
226	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, 1471-7	2.3	68
225	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	4.8	68
224	Defining Low Prognosis Patients Undergoing Assisted Reproductive Technology: POSEIDON Criteria-The Why. <i>Frontiers in Endocrinology</i> , 2018 , 9, 461	5.7	64
223	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	2	64

222	Novel concepts in male infertility. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2011 , 37, 5-15	2	62
221	Effect of varicocele repair on sperm DNA fragmentation: a review. <i>International Urology and Nephrology</i> , 2018 , 50, 583-603	2.3	60
220	Ureteroscopic Stone Removal in the Distal Ureter. Why Change?. <i>Journal of Urology</i> , 1997 , 157, 2081-2083	2.5	60
219	Recombinant luteinizing hormone supplementation in assisted reproductive technology: a systematic review. <i>Fertility and Sterility</i> , 2018 , 109, 644-664	4.8	59
218	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, 232-7	2.5	58
217	Unexplained male infertility. <i>Human Andrology</i> , 2011 , 1, 2-16	1	58
216	Improvement in motion characteristics and acrosome status in cryopreserved human spermatozoa by swim-up processing before freezing. <i>Human Reproduction</i> , 2000 , 15, 2173-9	5.7	58
215	Novel concepts in male factor infertility: clinical and laboratory perspectives. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 1319-1335	3.4	57
214	A translational medicine appraisal of specialized andrology testing in unexplained male infertility. <i>International Urology and Nephrology</i> , 2014 , 46, 1037-52	2.3	57
213	Comparative study of the fertility potential of men with only one testis. <i>Scandinavian Journal of Urology and Nephrology</i> , 1991 , 25, 255-9		57
212	Understanding Ovarian Hypo-Response to Exogenous Gonadotropin in Ovarian Stimulation and Its New Proposed Marker-The Follicle-To-Oocyte (FOI) Index. <i>Frontiers in Endocrinology</i> , 2018 , 9, 589	5.7	56
211	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, 254-8	2.8	55
210	Gonadotropin therapy in assisted reproduction: an evolutionary perspective from biologics to biotech. <i>Clinics</i> , 2014 , 69, 279-93	2.3	54
209	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, 602-6	2.8	51
208	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 Suppl 1, 141-50	2.3	51
207	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	15.8	50
206	Individualized controlled ovarian stimulation in expected poor-responders: an update. <i>Reproductive Biology and Endocrinology</i> , 2018 , 16, 20	5	49
205	Specialized sperm function tests in varicocele and the future of andrology laboratory. <i>Asian Journal of Andrology</i> , 2016 , 18, 205-12	2.8	48

204	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	5	47
203	Proteomic Signatures of Sperm Mitochondria in Varicocele: Clinical Use as Biomarkers of Varicocele Associated Infertility. <i>Journal of Urology</i> , 2018 , 200, 414-422	2.5	47
202	An update on sperm retrieval techniques for azoospermic males. <i>Clinics</i> , 2013 , 68 Suppl 1, 99-110	2.3	47
201	Suitability of the hypo-osmotic swelling test for assessing the viability of cryopreserved sperm**Supported by a research grant (RPC no. 5490) from The Cleveland Clinic Foundation, Cleveland, Ohio.▣Presented at the 21st Annual Meeting of The American Society of Andrology, Minneapolis, Minnesota, April 25 to 29, 1996. <i>Fertility and Sterility</i> , 1996 , 66, 798-804	4.8	46
200	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	4	44
199	What every gynecologist should know about male infertility: an update. <i>Archives of Gynecology and Obstetrics</i> , 2012 , 286, 217-29	2.5	44
198	The POSEIDON Criteria and Its Measure of Success Through the Eyes of Clinicians and Embryologists. <i>Frontiers in Endocrinology</i> , 2019 , 10, 814	5.7	40
197	A Novel Predictive Model to Estimate the Number of Mature Oocytes Required for Obtaining at Least One Euploid Blastocyst for Transfer in Couples Undergoing Fertilization/Intracytoplasmic Sperm Injection: The ART Calculator. <i>Frontiers in Endocrinology</i> , 2019 , 10, 99	5.7	39
196	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, 1441-56	2.3	39
195	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	2	37
194	Sperm DNA fragmentation testing: a cross sectional survey on current practices of fertility specialists. <i>Translational Andrology and Urology</i> , 2017 , 6, S710-S719	2.3	36
193	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, 233-43	2.2	36
192	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, 985-92	2.8	36
191	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, 1-8	2.8	36
190	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	5.7	35
189	A clinical appraisal of the genetic basis in unexplained male infertility. <i>Journal of Human Reproductive Sciences</i> , 2013 , 6, 176-82	2.2	34
188	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	3.4	34
187	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, 364-74; discussion 375-6	2	33

186	An update on clinical and surgical interventions to reduce sperm DNA fragmentation in infertile men. <i>Andrology</i> , 2020 , 8, 53-81	4.2	33
185	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. <i>Andrologia</i> , 2021 , 53, e13874	2.4	33
184	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	2.5	32
183	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	2	31
182	Summary evidence on the effects of varicocele treatment to improve natural fertility in subfertile men. <i>Asian Journal of Andrology</i> , 2016 , 18, 239-45	2.8	31
181	Management of Women With an Unexpected Low Ovarian Response to Gonadotropin. <i>Frontiers in Endocrinology</i> , 2019 , 10, 387	5.7	30
180	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	2	29
179	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	5	27
178	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	2.3	27
177	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	4.2	27
176	Characterisation of a subpopulation of sperm with massive nuclear damage, as recognised with the sperm chromatin dispersion test. <i>Andrologia</i> , 2014 , 46, 602-9	2.4	26
175	Afterword to varicocele and male infertility: current concepts and future perspectives. <i>Asian Journal of Andrology</i> , 2016 , 18, 319-22	2.8	26
174	Surgical treatment of male infertility in the era of intracytoplasmic sperm injection - new insights. <i>Clinics</i> , 2011 , 66, 1463-78	2.3	25
173	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, S253-S260	4.8	24
172	Management Strategies for POSEIDON Groups 3 and 4. <i>Frontiers in Endocrinology</i> , 2019 , 10, 614	5.7	23
171	Insights into the role of cervical mucus and vaginal pH in unexplained infertility. <i>Medical Express</i> , 2015 , 2,		23
170	Ascorbic acid reduces redox potential in human spermatozoa subjected to heat-induced oxidative stress. <i>Andrologia</i> , 2017 , 49, e12773	2.4	22
169	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 Suppl 1, 111-9	2.3	22

168	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, 581-90; discussion 591	2	22
167	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; discussion 441	2	21
166	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, 111-23	2.2	20
165	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, 244-50; discussion 250-1	2	20
164	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, 262-8	2.8	20
163	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	4	19
162	Association Between Progesterone Elevation on the Day of Human Chronic Gonadotropin Trigger and Pregnancy Outcomes After Fresh Embryo Transfer in Fertilization/Intracytoplasmic Sperm Injection Cycles. <i>Frontiers in Endocrinology</i> , 2018 , 9, 201	5.7	19
161	Role of genetics and epigenetics in male infertility. <i>Andrologia</i> , 2021 , 53, e13586	2.4	19
160	Indications and outcomes of varicocele repair. <i>Panminerva Medica</i> , 2019 , 61, 152-163	2	18
159	Association between promoter methylation of MLH1 and MSH2 and reactive oxygen species in oligozoospermic men-A pilot study. <i>Andrologia</i> , 2018 , 50, e12903	2.4	17
158	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	5	17
157	Methods of surgical sperm extraction and implications for assisted reproductive technology success. <i>Panminerva Medica</i> , 2019 , 61, 164-177	2	16
156	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 Fertilization/Intracytoplasmic Sperm Injection. <i>Frontiers in Endocrinology</i> , 2019 , 10, 917	5.7	16
155	Antegrade endopyelotomy for pelvi-ureteric junction obstruction in children. <i>BJU International</i> , 1996 , 78, 607-12	5.6	16
154	Clinical utility of sperm DNA damage in male infertility. <i>Panminerva Medica</i> , 2019 , 61, 118-127	2	15
153	Shedding light on the controversy surrounding the temporal decline in human sperm counts: a systematic review. <i>Scientific World Journal, The</i> , 2014 , 2014, 365691	2.2	15
152	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	2.8	15
151	SARS-CoV-2 and its relationship with the genitourinary tract: Implications for male reproductive health in the context of COVID-19 pandemic. <i>Andrologia</i> , 2021 , 9, 73-79	4.2	15

150	Impact of Body Mass Index on female fertility and ART outcomes. <i>Panminerva Medica</i> , 2019 , 61, 58-67	2	14
149	Effect of in vitro incubation on spontaneous acrosome reaction in fresh and cryopreserved human spermatozoa. <i>International Journal of Fertility and Women's Medicine</i> , 1998 , 43, 235-42		14
148	Varicocele and Male Infertility. <i>SpringerBriefs in Reproductive Biology</i> , 2016 ,		13
147	Future Perspectives of POSEIDON Stratification for Clinical Practice and Research. <i>Frontiers in Endocrinology</i> , 2019 , 10, 439	5.7	13
146	Suitability of the hypo-osmotic swelling test for assessing the viability of cryopreserved sperm. <i>Fertility and Sterility</i> , 1996 , 66, 798-804	4.8	13
145	A quality management approach to controlled ovarian stimulation in assisted reproductive technology: the "Fischer protocol". <i>Panminerva Medica</i> , 2019 , 61, 11-23	2	12
144	Predictors of surgical sperm retrieval in non-obstructive azoospermia: summary of current literature. <i>International Urology and Nephrology</i> , 2020 , 52, 2015-2038	2.3	12
143	Implementation of cleanroom technology in reproductive laboratories: the question is not why but how. <i>Reproductive BioMedicine Online</i> , 2016 , 32, 9-11	4	12
142	Interventions to Prevent Sperm DNA Damage Effects on Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1166, 119-148	3.6	12
141	Relationship of in Vitro Acrosome Reaction to Sperm Function: An Update. <i>The Open Reproductive Science Journal</i> , 2011 , 3, 72-84		12
140	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	2.9	12
139	Effect of varicolectomy 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	4.8	12
138	Freeze-all strategy in IVF/ICSI cycles: an update on clinical utility. <i>Panminerva Medica</i> , 2019 , 61, 52-57	2	11
137	Effects of the technique of cryopreservation and dilution/centrifugation after thawing on the motility and vitality of spermatozoa of oligoasthenozoospermic men. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2003 , 29, 133-9; discussion 139-40	2	11
136	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	15.8	11
135	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, 470-488	6.8	11
134	Paternal age and assisted reproductive technology: problem solver or trouble maker?. <i>Panminerva Medica</i> , 2019 , 61, 138-151	2	10
133	Testicular sperm for intracytoplasmic sperm injection in non-azoospermic men: a paradigm shift. <i>Panminerva Medica</i> , 2019 , 61, 178-186	2	10

132	Should a Couple with Failed In Vitro Fertilization or Intracytoplasmic Sperm Injection and Elevated Sperm DNA Fragmentation Use Testicular Sperm for the Next Cycle?. <i>European Urology Focus</i> , 2018 , 4, 296-298	5.1	10
131	P-593. <i>Fertility and Sterility</i> , 2006 , 86, S353-S354	4.8	10
130	Impact of the New WHO Guidelines on Diagnosis and Practice of Male Infertility. <i>The Open Reproductive Science Journal</i> , 2011 , 3, 7-15		10
129	Air quality control in the ART laboratory is a major determinant of IVF success. <i>Asian Journal of Andrology</i> , 2016 , 18, 596-9	2.8	10
128	Persistent Mullerian Duct Syndrome: a rare entity with a rare presentation in need of multidisciplinary management. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2016 , 42, 1237-1243	2	10
127	PESA/TESA/TESE Sperm Processing 2012 , 207-220		10
126	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, 2048-53	2.5	10
125	Poor definition of poor-ovarian response results in misleading clinical recommendations. <i>Human Reproduction</i> , 2018 , 33, 979-980	5.7	9
124	Reproductive potential of azoospermic men undergoing intracytoplasmic sperm injection is dependent on the type of azoospermia. <i>Fertility and Sterility</i> , 2010 , 94, S232-S233	4.8	9
123	Pharmacogenetic algorithm for individualized controlled ovarian stimulation in assisted reproductive technology cycles. <i>Panminerva Medica</i> , 2019 , 61, 76-81	2	8
122	Fresh versus frozen blastocyst transfer. <i>Lancet, The</i> , 2019 , 394, 1227-1228	40	8
121	Percutaneous epididymal sperm aspiration as a method for sperm retrieval in men with obstructive azoospermia seeking fertility: operative and laboratory aspects. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2015 , 41, 817; discussion 818	2	8
120	Explaining How Reproductive Laboratories Work 2013 , 79-127		8
119	Sperm retrieval techniques 41-53		8
118	Impact of Mutations and Polymorphisms of Gonadotrophins and Their Receptors on the Outcome of Controlled Ovarian Stimulation 2015 , 147-156		8
117	Preparation of the Endometrium for Frozen Embryo Transfer: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2021 , 12, 688237	5.7	7
116	Hormonal stimulation of spermatogenesis: a new way to treat the infertile male with non-obstructive azoospermia?. <i>International Urology and Nephrology</i> , 2019 , 51, 453-456	2.3	7
115	Viral infections and implications for male reproductive health. <i>Asian Journal of Andrology</i> , 2021 , 23, 335-347		7

114	A meta analysis to study the effects of body mass index on sperm DNA fragmentation index in reproductive age men. <i>Fertility and Sterility</i> , 2017 , 108, e138-e139	4.8	6
113	Human sperm handling in intracytoplasmic sperm injection processes: In vitro studies on mouse oocyte activation, embryo development competence and sperm oxidation-reduction potential. <i>Andrologia</i> , 2018 , 50, e12943	2.4	6
112	Definitions and Relevance of Unexplained Infertility in Reproductive Medicine 2015 , 3-5		6
111	Laparoscopic Pediatric Orchiectomy. <i>Journal of Endourology</i> , 1992 , 6, 155-157	2.7	6
110	TRANSURETHRAL RESECTION OF PARTIALLY OBSTRUCTED EJACULATORY DUCTS. <i>Journal of Urology</i> , 1998 , 2048-2053	2.5	6
109	Clinical utility of freeze-all approach in ART treatment: A mini-review. <i>Cryobiology</i> , 2020 , 92, 9-14	2.7	6
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