

Sandro C. Esteves

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3024447/sandro-c-esteves-publications-by-year.pdf>

Version: 2024-04-27

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

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

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 | 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 | 2 | 4 |
| 256 | Impact of obesity on medically assisted reproductive treatments.. <i>Zygote</i> , 2022 , 1-9 | 1.6 | 2 |
| 255 | Evolution of the World Health Organization semen analysis manual: where are we?. <i>Nature Reviews Urology</i> , 2022 , | 5.5 | 1 |
| 254 | The negative impact of most relevant infections on fertility and Assisted Reproduction Technology. <i>Minerva Obstetrics and Gynecology</i> , 2021 , | | 4 |
| 253 | Increasing awareness about male infertility: an overview of the Sperm DNA Fragmentation Study Group (SFRAG) Guidelines. <i>Société Internationale Durologie Journal</i> , 2021 , 2, 129-132 | 0.1 | |
| 252 | Low Prognosis by the POSEIDON Criteria in Women Undergoing Assisted Reproductive Technology: A Multicenter and Multinational Prevalence Study of Over 13,000 Patients. <i>Frontiers in Endocrinology</i> , 2021 , 12, 630550 | 5.7 | 2 |
| 251 | Methods for Enhancing Surgical Sperm Retrieval Success 2021 , 86-89 | | |
| 250 | Testicular Sperm Retrieval 2021 , 36-43 | | |
| 249 | Sperm Retrieval in Non-azoospermic Men 2021 , 56-74 | | 0 |
| 248 | Intracytoplasmic sperm injection versus conventional IVF. <i>Lancet, The</i> , 2021 , 397, 1521-1523 | 40 | 2 |
| 247 | Epididymal Sperm Retrieval 2021 , 25-35 | | |
| 246 | Testicular Histopathology and the Role of Testis Biopsy 2021 , 16-19 | | |
| 245 | Sperm Cryopreservation 2021 , 99-116 | | 1 |
| 244 | Predictors of Positive Surgical Sperm Retrieval in Azoospermic Males 2021 , 75-85 | | |
| 243 | 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 | 5.7 | 3 |
| 242 | Effect of Dexamethasone Co-Treatment During Ovarian Stimulation in Women of Different Reproductive Age With Elevated Early Follicular Phase Progesterone Level: a Prospective Longitudinal Study. <i>Reproductive Sciences</i> , 2021 , 28, 3258-3264 | 3 | |
| 241 | History of Surgical Sperm Retrieval Techniques 2021 , 20-24 | | |

240 Evaluation of Candidates for Sperm Retrieval **2021**, 9-15

239 Optimising Follicular Development, Pituitary Suppression, Triggering and Luteal Phase Support During Assisted Reproductive Technology: A Delphi Consensus. *Frontiers in Endocrinology*, **2021**, 12, 675-679 5

238 Cumulative delivery rate per aspiration IVF/ICSI cycle in POSEIDON patients: a real-world evidence study of 9073 patients. *Human Reproduction*, **2021**, 36, 2157-2169 5.7 2

237 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. *Reproductive Biology and Endocrinology*, **2021**, 19, 91 5 1

236 Differential Diagnosis of Azoospermia in Men with Infertility. *Journal of Clinical Medicine*, **2021**, 10, 5.1 6

235 Preparation of the Endometrium for Frozen Embryo Transfer: A Systematic Review. *Frontiers in Endocrinology*, **2021**, 12, 688237 5.7 7

234 SARS-CoV-2 pandemic and repercussions for male infertility patients: A proposal for the individualized provision of andrological services. *Andrology*, **2021**, 9, 10-18 4.2 27

233 Role of genetics and epigenetics in male infertility. *Andrologia*, **2021**, 53, e13586 2.4 19

232 Predictive model to estimate the chances of successful sperm retrieval by testicular sperm aspiration in patients with nonobstructive azoospermia. *Fertility and Sterility*, **2021**, 115, 373-381 4.8 3

231 Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. *Andrologia*, **2021**, 53, e13874 2.4 33

230 SARS-CoV-2 and its relationship with the genitourinary tract: Implications for male reproductive health in the context of COVID-19 pandemic. *Andrology*, **2021**, 9, 73-79 4.2 15

229 The POSEIDON stratification - moving from poor ovarian response to low prognosis. *Jornal Brasileiro De Reproducao Assistida*, **2021**, 25, 282-292 1.7 2

228 Improving Reporting of Clinical Studies Using the POSEIDON Criteria: POSORT Guidelines. *Frontiers in Endocrinology*, **2021**, 12, 587051 5.7 3

227 Microdissection testicular sperm extraction (micro-TESE) in men with infertility due to nonobstructive azoospermia: summary of current literature. *International Urology and Nephrology*, **2021**, 53, 2193-2210 2.3 3

226 Effects of mobile phone radiofrequency radiation on sperm quality. *Zygote*, **2021**, 1-10 1.6 1

225 Effect of varicocele on sperm deoxyribonucleic acid fragmentation rates in infertile men with clinical varicocele: a systematic review and meta-analysis. *Fertility and Sterility*, **2021**, 116, 696-712 4.8 12

224 Outcomes of SARS-CoV-2 infected pregnancies after medically assisted reproduction. *Human Reproduction*, **2021**, 36, 2883-2890 5.7 2

223 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, 470-488 6.8 11

| | | | |
|-----|--|------|----|
| 222 | Viral infections and implications for male reproductive health. <i>Asian Journal of Andrology</i> , 2021 , 23, 335-347 | 7 | |
| 221 | Air quality in the clinical embryology laboratory: a mini-review. <i>Therapeutic Advances in Reproductive Health</i> , 2021 , 15, 2633494121990684 | 1.8 | 1 |
| 220 | Who cares about oligozoospermia when we have ICSI.. <i>Reproductive BioMedicine Online</i> , 2021 , | 4 | 3 |
| 219 | 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 |
| 218 | 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 |
| 217 | Are specialized sperm function tests clinically useful in planning assisted reproductive technology?. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2020 , 46, 116-123 | 2 | 4 |
| 216 | Testicular Sperm in Non-azoospermic Infertile Men with Oxidatively Induced High Sperm DNA Damage 2020 , 735-745 | | |
| 215 | Surgical Treatment for Male Infertility 2020 , 165-186 | | 0 |
| 214 | Clinical Management of Men with Nonobstructive Azoospermia due to Spermatogenic Failure 2020 , 283-295 | | |
| 213 | Comparing four laboratory three-parent techniques to construct human aged non-surrounded nucleolus germinal vesicle oocytes: A case-control study. <i>International Journal of Reproductive BioMedicine</i> , 2020 , 18, 425-438 | 1.3 | 0 |
| 212 | When to pull the trigger in nonazoospermic infertile men undergoing intracytoplasmic sperm injection?. <i>Asian Journal of Andrology</i> , 2020 , 22, 439-440 | 2.8 | 1 |
| 211 | Sperm Retrieval Techniques 2020 , 621-635 | | |
| 210 | Best Practice Guidelines for Sperm DNA Fragmentation Testing 2020 , 793-803 | | 1 |
| 209 | Varicocele 2020 , 391-407 | | |
| 208 | Sperm Physiology and Assessment of Spermatogenesis Kinetics In Vivo 2020 , 347-360 | | 0 |
| 207 | ICSI and Male Infertility: Consequences to Offspring 2020 , 767-775 | | |
| 206 | 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 |
| 205 | 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 |

| | | | |
|-----|--|-----|----|
| 204 | Clinical utility of freeze-all approach in ART treatment: A mini-review. <i>Cryobiology</i> , 2020 , 92, 9-14 | 2.7 | 6 |
| 203 | Response: Commentary: 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> , 2020 , 11, 598-616 | 5.7 | |
| 202 | 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, 2633494120941480 | 1.8 | 5 |
| 201 | Differential DNA methylation pattern and sperm quality in men with varicocele. <i>Fertility and Sterility</i> , 2020 , 114, 770-778 | 4.8 | 4 |
| 200 | Role of diagnostic intracytoplasmic sperm injection (ICSI) in the management of genetically determined zona pellucida-free oocytes during fertilization: a case report. <i>Zygote</i> , 2020 , 28, 519-523 | 1.6 | 1 |
| 199 | Monoamniotic twin pregnancy following the transfer of a single blastocyst resulting from intracytoplasmic sperm injection of a single oocyte: a case report. <i>Zygote</i> , 2020 , 28, 344-348 | 1.6 | |
| 198 | Diagnostic accuracy of physical examination compared with color Doppler ultrasound in the determination of varicocele diagnosis and grading: Impact of urologists' experience. <i>Andrology</i> , 2020 , 8, 1160-1166 | 4.2 | 3 |
| 197 | Management Strategies for POSEIDON Groups 3 and 4. <i>Frontiers in Endocrinology</i> , 2019 , 10, 614 | 5.7 | 23 |
| 196 | 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 |
| 195 | Pharmacogenetic algorithm for individualized controlled ovarian stimulation in assisted reproductive technology cycles. <i>Panminerva Medica</i> , 2019 , 61, 76-81 | 2 | 8 |
| 194 | Impact of Body Mass Index on female fertility and ART outcomes. <i>Panminerva Medica</i> , 2019 , 61, 58-67 | 2 | 14 |
| 193 | Freeze-all strategy in IVF/ICSI cycles: an update on clinical utility. <i>Panminerva Medica</i> , 2019 , 61, 52-57 | 2 | 11 |
| 192 | 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 |
| 191 | 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 |
| 190 | Clinical utility of sperm DNA damage in male infertility. <i>Panminerva Medica</i> , 2019 , 61, 118-127 | 2 | 15 |
| 189 | Male infertility and assisted reproductive technology. <i>Panminerva Medica</i> , 2019 , 61, 101-103 | 2 | 1 |
| 188 | Hot topics in male infertility: an afterword. <i>Panminerva Medica</i> , 2019 , 61, 196-199 | 2 | |
| 187 | Paternal age and assisted reproductive technology: problem solver or trouble maker?. <i>Panminerva Medica</i> , 2019 , 61, 138-151 | 2 | 10 |

| | | | |
|-----|--|-----|----|
| 186 | Indications and outcomes of varicocele repair. <i>Panminerva Medica</i> , 2019 , 61, 152-163 | 2 | 18 |
| 185 | Testicular sperm for intracytoplasmic sperm injection in non-azoospermic men: a paradigm shift. <i>Panminerva Medica</i> , 2019 , 61, 178-186 | 2 | 10 |
| 184 | Methods of surgical sperm extraction and implications for assisted reproductive technology success. <i>Panminerva Medica</i> , 2019 , 61, 164-177 | 2 | 16 |
| 183 | Management of Women With an Unexpected Low Ovarian Response to Gonadotropin. <i>Frontiers in Endocrinology</i> , 2019 , 10, 387 | 5.7 | 30 |
| 182 | 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 |
| 181 | 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 |
| 180 | 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 |
| 179 | Interventions to Prevent Sperm DNA Damage Effects on Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1166, 119-148 | 3.6 | 12 |
| 178 | Fresh versus frozen blastocyst transfer. <i>Lancet, The</i> , 2019 , 394, 1227-1228 | 40 | 8 |
| 177 | Protein supplementation intake for bodybuilding and resistance training may impact sperm quality of subfertile men undergoing fertility treatment: a pilot study. <i>Asian Journal of Andrology</i> , 2019 , 21, 208-211 | 2.8 | 4 |
| 176 | PESA/MESA/TESA/TESE Sperm Processing 2019 , 313-334 | | 0 |
| 175 | Regulation, Licensing, and Accreditation of the ART Laboratory in Brazil 2019 , 819-822 | | |
| 174 | Future Perspectives of POSEIDON Stratification for Clinical Practice and Research. <i>Frontiers in Endocrinology</i> , 2019 , 10, 439 | 5.7 | 13 |
| 173 | Extended indications for sperm retrieval: summary of current literature. <i>F1000Research</i> , 2019 , 8, | 3.6 | 5 |
| 172 | Oxidative Stress and Varicocele Pathophysiology 2019 , 55-71 | | |
| 171 | Conventional Semen Analysis and Specialized Sperm Function Tests in Patients with Varicocele 2019 , 137-157 | | |
| 170 | Sperm DNA Fragmentation Testing and Varicocele 2019 , 603-614 | | 0 |
| 169 | Adult Varicocele Diagnosis and Treatment 2019 , 581-593 | | 0 |

168 Pediatric and Adolescent Varicocele Diagnosis and Treatment **2019**, 595-601

167 Pro: Should Varicocele Be Repaired in Azoospermic Infertile Men? **2019**, 485-493

166 Hormonal stimulation of spermatogenesis: a new way to treat the infertile male with non-obstructive azoospermia?. *International Urology and Nephrology*, **2019**, 51, 453-456 2.3 7

165 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, 296-312 6.8 151

164 The POSEIDON Criteria and Its Measure of Success Through the Eyes of Clinicians and Embryologists. *Frontiers in Endocrinology*, **2019**, 10, 814 5.7 40

163 Oocyte quantity, as well as oocyte quality, plays a significant role for the cumulative live birth rate of a POSEIDON criteria patient. *Human Reproduction*, **2019**, 34, 2555-2557 5.7 6

162 Fresh versus elective frozen embryo transfer in IVF/ICSI cycles: a systematic review and meta-analysis of reproductive outcomes. *Human Reproduction Update*, **2019**, 25, 2-14 15.8 175

161 The relationship among sperm global DNA methylation, telomere length, and DNA fragmentation in varicocele: a cross-sectional study of 20 cases. *Systems Biology in Reproductive Medicine*, **2019**, 65, 95-104 2.9 12

160 Reactive oxygen species-induced alterations in H19-Igf2 methylation patterns, seminal plasma metabolites, and semen quality. *Journal of Assisted Reproduction and Genetics*, **2019**, 36, 241-253 3.4 34

159 Strategies to Diminish DNA Damage in Sperm Samples Used for ART **2018**, 571-587 3

158 Recombinant luteinizing hormone supplementation in assisted reproductive technology: a systematic review. *Fertility and Sterility*, **2018**, 109, 644-664 4.8 59

157 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 2.4 6

156 Individualized controlled ovarian stimulation in expected poor-responders: an update. *Reproductive Biology and Endocrinology*, **2018**, 16, 20 5 49

155 Poor definition of poor-ovarian response results in misleading clinical recommendations. *Human Reproduction*, **2018**, 33, 979-980 5.7 9

154 Proteomic Signatures of Sperm Mitochondria in Varicocele: Clinical Use as Biomarkers of Varicocele Associated Infertility. *Journal of Urology*, **2018**, 200, 414-422 2.5 47

153 Effect of varicocele repair on sperm DNA fragmentation: a review. *International Urology and Nephrology*, **2018**, 50, 583-603 2.3 60

152 Association between promoter methylation of MLH1 and MSH2 and reactive oxygen species in oligozoospermic men-A pilot study. *Andrologia*, **2018**, 50, e12903 2.4 17

151 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. *Frontiers in Endocrinology*, **2018**, 9, 201 5.7 19

| | | | |
|-----|--|------|----|
| 150 | 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 |
| 149 | Defining Low Prognosis Patients Undergoing Assisted Reproductive Technology: POSEIDON Criteria-The Why. <i>Frontiers in Endocrinology</i> , 2018 , 9, 461 | 5.7 | 64 |
| 148 | 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 |
| 147 | The Big Freeze: freeze-all should not be used for everyone. <i>Human Reproduction</i> , 2018 , 33, 1577-1578 | 5.7 | 4 |
| 146 | Varicocelectomy 2018 , 495-512 | | |
| 145 | Use of Testicular Sperm for ICSI: Pro 2018 , 545-557 | | |
| 144 | Response: Nitroblue tetrazolium (NBT) assay. <i>Reproductive BioMedicine Online</i> , 2018 , 36, 92-93 | 4 | 4 |
| 143 | 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 |
| 142 | Effect of varicocele repair on sperm DNA fragmentation: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2018 , 110, e162 | 4.8 | 4 |
| 141 | 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 |
| 140 | Intracytoplasmic sperm injection for male infertility and consequences for offspring. <i>Nature Reviews Urology</i> , 2018 , 15, 535-562 | 5.5 | 69 |
| 139 | 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 |
| 138 | Ascorbic acid reduces redox potential in human spermatozoa subjected to heat-induced oxidative stress. <i>Andrologia</i> , 2017 , 49, e12773 | 2.4 | 22 |
| 137 | A meta-analysis to evaluate the effects of body mass index on sperm parameters in infertile men. <i>Fertility and Sterility</i> , 2017 , 108, e253-e254 | 4.8 | 2 |
| 136 | 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 |
| 135 | Outcomes and Recommendations of an Indian Expert Panel for Improved Practice in Controlled Ovarian Stimulation for Assisted Reproductive Technology. <i>International Journal of Reproductive Medicine</i> , 2017 , 2017, 9451235 | 2.3 | 5 |
| 134 | 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 |
| 133 | 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 |

| | | | |
|-----|--|------|-----|
| 132 | 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 |
| 131 | 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 |
| 130 | Reply to Eugenio Ventimiglia, Montorsi Francesco, and Andrea Salonia Letter to the Editor re: Reecha Sharma, Avi Harlev, Ashok Agarwal, Sandro C. Esteves. 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>Eur Urol</i> 2016;70:635-45. <i>European Urology</i> , 2017 , 71, 1071.e22 | 10.2 | 5 |
| 129 | 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 |
| 128 | Management of Infertile Men with Nonobstructive Azoospermia due to Spermatogenic Failure 2017 , 107-134 | | 1 |
| 127 | REPLY BY THE AUTHORS: Re: 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> , 2017 , 43, 1005-1006 | 2 | |
| 126 | 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 |
| 125 | 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 |
| 124 | Varicocele and Male Infertility. <i>SpringerBriefs in Reproductive Biology</i> , 2016 , | | 13 |
| 123 | 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 |
| 122 | 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 |
| 121 | Bibliometrics: tracking research impact by selecting the appropriate metrics. <i>Asian Journal of Andrology</i> , 2016 , 18, 296-309 | 2.8 | 158 |
| 120 | Afterword to varicocele and male infertility: current concepts and future perspectives. <i>Asian Journal of Andrology</i> , 2016 , 18, 319-22 | 2.8 | 26 |
| 119 | Varicocele Classification. <i>SpringerBriefs in Reproductive Biology</i> , 2016 , 37-43 | | 3 |
| 118 | Definitions and Epidemiology. <i>SpringerBriefs in Reproductive Biology</i> , 2016 , 1-3 | | 3 |
| 117 | Chapter 18 Regulatory requirements for air quality control in reproductive laboratories 2016 , 249-256 | | |
| 116 | Chapter 26 Clean room technology and IVF outcomes: Brazil 2016 , 371-392 | | |
| 115 | Chapter 22 Summary evidence for the effect of laboratory air quality on pregnancy outcome in in vitro fertilization 2016 , 331-344 | | 0 |

| | | | |
|-----|--|------|-----|
| 114 | 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 |
| 113 | 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 |
| 112 | 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 |
| 111 | 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 |
| 110 | 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 |
| 109 | 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 |
| 108 | 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 |
| 107 | Establishing a quality management system in a fertility center: experience with ISO 9001. <i>Medical Express</i> , 2016 , 3, | | 3 |
| 106 | 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 |
| 105 | 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 |
| 104 | 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 |
| 103 | Should we evaluate and treat sperm DNA fragmentation?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2016 , 28, 164-71 | 2.4 | 73 |
| 102 | Abstinence Time and Its Impact on Basic and Advanced Semen Parameters. <i>Urology</i> , 2016 , 94, 102-10 | 1.6 | 71 |
| 101 | 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 |
| 100 | Author Reply. <i>Urology</i> , 2016 , 94, 109-10 | 1.6 | 2 |
| 99 | Gonadotropin in Assisted Reproduction: An Evolution Perspective 2015 , 293-322 | | |
| 98 | Genetic Basis of Unexplained Male Infertility 2015 , 57-70 | | |
| 97 | Sperm Physiology and Assessment of Spermatogenesis Kinetics In Vivo 2015 , 383-396 | | 2 |

| | | | |
|----|--|-----|-----|
| 96 | Engaging practicing gynecologists in the management of infertile men. <i>Journal of Obstetrics and Gynecology of India</i> , 2015 , 65, 75-87 | 1 | 4 |
| 95 | 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 |
| 94 | 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 |
| 93 | 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 |
| 92 | Pregnancy and birth after intracytoplasmic sperm injection with normal testicular spermatozoa in a patient with azoospermia and tail stump epididymal sperm. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2015 , 41, 1220-5 | 2 | 4 |
| 91 | Insights into the role of cervical mucus and vaginal pH in unexplained infertility. <i>Medical Express</i> , 2015 , 2, | | 23 |
| 90 | 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 |
| 89 | Clinical management of infertile men with nonobstructive azoospermia. <i>Asian Journal of Andrology</i> , 2015 , 17, 459-70 | 2.8 | 78 |
| 88 | Definitions and Relevance of Unexplained Infertility in Reproductive Medicine 2015 , 3-5 | | 6 |
| 87 | Role and Significance of Sperm Function in Men with Unexplained Infertility 2015 , 91-119 | | 2 |
| 86 | RE: 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> , 2015 , 41, 181-3 | 2 | 1 |
| 85 | Efficacy, efficiency and effectiveness of gonadotropin therapy for infertility treatment. <i>Medical Express</i> , 2015 , 2, | | 4 |
| 84 | Impact of Mutations and Polymorphisms of Gonadotrophins and Their Receptors on the Outcome of Controlled Ovarian Stimulation 2015 , 147-156 | | 8 |
| 83 | The Role of LH in Controlled Ovarian Stimulation 2015 , 171-196 | | 3 |
| 82 | Cervical Hostility and Vaginal pH in Females with Unexplained Infertility 2015 , 175-183 | | |
| 81 | Controversies Surrounding the 2010 World Health Organization Cutoff Values for Human Semen Characteristics and Its Impact on Unexplained Infertility 2015 , 13-20 | | |
| 80 | 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 |
| 79 | 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 |

| | | | |
|----|--|------|-----|
| 78 | Effect of mobile telephones on sperm quality: a systematic review and meta-analysis. <i>Environment International</i> , 2014 , 70, 106-12 | 12.9 | 117 |
| 77 | 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 |
| 76 | Gonadotropin therapy in assisted reproduction: an evolutionary perspective from biologics to biotech. <i>Clinics</i> , 2014 , 69, 279-93 | 2.3 | 54 |
| 75 | 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 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | Epidemiology and Evidence of Declining Male Fertility 2014 , 1-15 | | 0 |
| 70 | Insight into oxidative stress in varicocele-associated male infertility: part 2. <i>Nature Reviews Urology</i> , 2013 , 10, 26-37 | 5.5 | 104 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 |
| 66 | 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 |
| 65 | Explaining How Reproductive Laboratories Work 2013 , 79-127 | | 8 |
| 64 | Hypogonadotropic hypogonadism revisited. <i>Clinics</i> , 2013 , 68 Suppl 1, 81-8 | 2.3 | 106 |
| 63 | An update on sperm retrieval techniques for azoospermic males. <i>Clinics</i> , 2013 , 68 Suppl 1, 99-110 | 2.3 | 47 |
| 62 | A comprehensive review of genetics and genetic testing in azoospermia. <i>Clinics</i> , 2013 , 68 Suppl 1, 39-60 | 2.3 | 103 |
| 61 | 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 |

| | | | |
|----|--|-----|-----|
| 60 | 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 |
| 59 | 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 |
| 58 | Defining What Reproductive Laboratories Do 2013 , 75-78 | | 1 |
| 57 | Surgical Treatment for Male Infertility 2013 , 149-189 | | |
| 56 | Varicocele 2013 , 161-183 | | |
| 55 | PESA/TESA/TESE Sperm Processing 2013 , 25-46 | | |
| 54 | Quality Management in ART Clinics 2013 , | | 3 |
| 53 | Ensuring that Reproductive Laboratories Provide High-Quality Services 2013 , 129-146 | | 4 |
| 52 | Insight into oxidative stress in varicocele-associated male infertility: part 1. <i>Nature Reviews Urology</i> , 2012 , 9, 678-90 | 5.5 | 190 |
| 51 | 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 |
| 50 | Varicocele 2012 , 247-259 | | 3 |
| 49 | What every gynecologist should know about male infertility: an update. <i>Archives of Gynecology and Obstetrics</i> , 2012 , 286, 217-29 | 2.5 | 44 |
| 48 | 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 |
| 47 | A critical appraisal on the role of varicocele in male infertility. <i>Advances in Urology</i> , 2012 , 2012, 597495 | 1.6 | 70 |
| 46 | 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 |
| 45 | Surgical Treatment for Male Infertility 2012 , 55-78 | | |
| 44 | PESA/TESA/TESE Sperm Processing 2012 , 207-220 | | 10 |
| 43 | Surgical treatment of male infertility in the era of intracytoplasmic sperm injection - new insights. <i>Clinics</i> , 2011 , 66, 1463-78 | 2.3 | 25 |

| | | | |
|----|--|-----|-----|
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | POSTER VIEWING SESSION - ANDROLOGY. <i>Human Reproduction</i> , 2011 , 26, i123-i148 | 5.7 | 4 |
| 38 | Unexplained male infertility. <i>Human Andrology</i> , 2011 , 1, 2-16 | 1 | 58 |
| 37 | An update on the clinical assessment of the infertile male. [corrected]. <i>Clinics</i> , 2011 , 66, 691-700 | 2.3 | 149 |
| 36 | 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 |
| 35 | Relationship of in Vitro Acrosome Reaction to Sperm Function: An Update. <i>The Open Reproductive Science Journal</i> , 2011 , 3, 72-84 | | 12 |
| 34 | Male Infertility and Assisted Reproductive Technology: Lessons from the IVF. <i>The Open Reproductive Science Journal</i> , 2011 , 3, 138-153 | | 5 |
| 33 | 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 |
| 32 | 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 |
| 31 | Success of percutaneous sperm retrieval and intracytoplasmic sperm injection (ICSI) in obstructive azoospermic (OA) men according to the cause of obstruction. <i>Fertility and Sterility</i> , 2010 , 94, S233 | 4.8 | 5 |
| 30 | 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 |
| 29 | Editorial comment. <i>Journal of Urology</i> , 2009 , 182, 1504-5 | 2.5 | 3 |
| 28 | 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 |
| 27 | 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 |
| 26 | Re: 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, 231-2 | 2 | |
| 25 | 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 |

| | | | |
|----|--|-----|----|
| 24 | 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 |
| 23 | 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 |
| 22 | P-593. <i>Fertility and Sterility</i> , 2006 , 86, S353-S354 | 4.8 | 10 |
| 21 | 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 |
| 20 | Feasibility of refreezing human spermatozoa through the technique of liquid nitrogen vapor. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2004 , 30, 487-93 | 2 | 5 |
| 19 | 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 transfer. <i>Fertility and Sterility</i> , 2004 , 82, 637-640 | 4.8 | 24 |
| 18 | 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 |
| 17 | Effect of cigarette smoking on levels of seminal oxidative stress in infertile men: a prospective study. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2002 , 28, 484-5 | 2 | 6 |
| 16 | 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 |
| 15 | Effect of swim-up sperm washing and subsequent capacitation on acrosome status and functional membrane integrity of normal sperm. <i>International Journal of Fertility and Womens Medicine</i> , 2000 , 45, 335-41 | | 5 |
| 14 | 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 |
| 13 | 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 |
| 12 | TRANSURETHRAL RESECTION OF PARTIALLY OBSTRUCTED EJACULATORY DUCTS. <i>Journal of Urology</i> , 1998 , 2048-2053 | 2.5 | 6 |
| 11 | 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 |
| 10 | Effect of in vitro incubation on spontaneous acrosome reaction in fresh and cryopreserved human spermatozoa. <i>International Journal of Fertility and Womens Medicine</i> , 1998 , 43, 235-42 | | 14 |
| 9 | Ureteroscopic Stone Removal in the Distal Ureter. Why Change?. <i>Journal of Urology</i> , 1997 , 157, 2081-2083 | 5 | 60 |
| 8 | 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 |
| 7 | Antegrade endopyelotomy for pelvi-ureteric junction obstruction in children. <i>BJU International</i> , 1996 , 78, 607-12 | 5.6 | 16 |

| | | | |
|---|--|-----|----|
| 6 | 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 |
| 5 | Laparoscopic Pediatric Orchiectomy. <i>Journal of Endourology</i> , 1992 , 6, 155-157 | 2.7 | 6 |
| 4 | 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 |
| 3 | Sperm retrieval techniques41-53 | | 8 |
| 2 | Evaluation and Diagnosis of Male Infertility27-27 | | 2 |
| 1 | Surgical Management of Male Infertility90-90 | | 2 |