Armand Zini

List of Publications by Year
in descending order

85	5,161	109321	88630
papers	citations	35 h-index	70 g-index

87	87	87	3789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sperm DNA damage is associated with an increased risk of pregnancy loss after IVF and ICSI: systematic review and meta-analysis. Human Reproduction, 2008, 23, 2663-2668.	0.9	493
2	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. Translational Andrology and Urology, 2016, 5, 935-950.	1.4	310
3	Are Tests of Sperm DNA Damage Clinically Useful? Pros and Cons. Journal of Andrology, 2009, 30, 219-229.	2.0	303
4	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. World Journal of Men?s Health, 2019, 37, 296.	3.3	256
5	Are sperm chromatin and DNA defects relevant in the clinic?. Systems Biology in Reproductive Medicine, 2011, 57, 78-85.	2.1	220
6	Critical Appraisal of World Health Organization's New Reference Values for Human Semen Characteristics and Effect on Diagnosis and Treatment of Subfertile Men. Urology, 2012, 79, 16-22.	1.0	189
7	Diagnosis and treatment of infertility in men: AUA/ASRM guideline part I. Fertility and Sterility, 2021, 115, 54-61.	1.0	184
8	Antioxidants and sperm DNA damage: a clinical perspective. Journal of Assisted Reproduction and Genetics, 2009, 26, 427-432.	2.5	175
9	Epidemiology of varicocele. Asian Journal of Andrology, 2016, 18, 179.	1.6	170
10	Sperm DNA damage: clinical significance in the era of assisted reproduction. Cmaj, 2006, 175, 495-500.	2.0	168
11	Are varicoceles associated with increased deoxyribonucleic acid fragmentation?. Fertility and Sterility, 2011, 96, 1283-1287.	1.0	149
12	Direct DNA Analysis with Paper-Based Ion Concentration Polarization. Journal of the American Chemical Society, 2015, 137, 13913-13919.	13.7	121
13	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. Andrologia, 2021, 53, e13874.	2.1	121
14	Biologic variability of sperm DNA denaturation in infertile men. Urology, 2001, 58, 258-261.	1.0	120
15	Antioxidant therapy in male infertility: fact or fiction?. Asian Journal of Andrology, 2011, 13, 374-381.	1.6	109
16	Diagnosis and Treatment of Infertility in Men: AUA/ASRM Guideline Part I. Journal of Urology, 2021, 205, 36-43.	0.4	89
17	Varicocele is associated with abnormal retention of cytoplasmic droplets by human spermatozoa. Fertility and Sterility, 2000, 74, 461-464.	1.0	87
18	Diagnosis and Treatment of Infertility in Men: AUA/ASRM Guideline PART II. Journal of Urology, 2021, 205, 44-51.	0.4	87

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19	How to overcome male infertility after 40: Influence of paternal age on fertility. Maturitas, 2014, 78, 22-29.	2.4	86
20	High prevalence of isolated sperm DNA damage in infertile men with advanced paternal age. Journal of Assisted Reproduction and Genetics, 2013, 30, 843-848.	2.5	83
21	Diagnosis and treatment of infertility in men: AUA/ASRM guideline part II. Fertility and Sterility, 2021, 115, 62-69.	1.0	79
22	Is sperm dna damage associated with IVF embryo quality? A systematic review. Journal of Assisted Reproduction and Genetics, 2011, 28, 391-397.	2.5	76
23	Varicocelectomy to â€œupgradeâ€•semen quality to allow couples to use less invasive forms of assisted reproductive technology. Fertility and Sterility, 2017, 108, 609-612.	1.0	73
24	Sperm deoxyribonucleic acid damage in normozoospermic men is related to age and sperm progressive motility. Fertility and Sterility, 2014, 101, 1588-1593.	1.0	69
25	The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis. Life, 2021, 11, 1368.	2.4	68
26	Antisperm antibodies are not associated with pregnancy rates after IVF and ICSI: systematic review and meta-analysis. Human Reproduction, 2011, 26, 1288-1295.	0.9	64
27	Influence of initial semen quality on the integrity of human sperm DNA following semen processing. Fertility and Sterility, 2000, 74, 824-827.	1.0	62
28	Sperm head morphology is related to high deoxyribonucleic acid stainability assessed by sperm chromatin structure assay. Fertility and Sterility, 2009, 91, 2495-2500.	1.0	60
29	Paper-Based Quantification of Male Fertility Potential. Clinical Chemistry, 2016, 62, 458-465.	3.2	60
30	Sperm DNA damage: importance in the era of assisted reproduction. Current Opinion in Urology, 2006, 16, 428-434.	1.8	58
31	Lycopene supplementation in vitro can protect human sperm deoxyribonucleic acid from oxidative damage. Fertility and Sterility, 2010, 94, 1033-1036.	1.0	57
32	Smoking is associated with the retention of cytoplasm by human spermatozoa. Urology, 2000, 56, 463-466.	1.0	55
33	Preservation of Testicular Arteries During Subinguinal Microsurgical Varicocelectomy: Clinical Considerations. Journal of Andrology, 2004, 25, 740-743.	2.0	42
34	The histone to protamine ratio in human spermatozoa: comparative study of whole and processed semen. Fertility and Sterility, 2007, 87, 217-219.	1.0	42
35	SARSâ€CoVâ€2 pandemic and repercussions for male infertility patients: A proposal for the individualized provision of andrological services. Andrology, 2021, 9, 10-18.	3.5	41
36	Editorial Commentary on Draft of World Health Organization Sixth Edition Laboratory Manual for the Examination and Processing of Human Semen. World Journal of Men?s Health, 2021, 39, 577.	3.3	36

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37	Natural history of varicocele management in the era of intracytoplasmic sperm injection. Fertility and Sterility, 2008, 90, 2251-2256.	1.0	35
38	Varicocele: Red Flag or Red Herring?. Seminars in Reproductive Medicine, 2009, 27, 171-178.	1.1	35
39	Which isolated sperm abnormality is most related to sperm DNA damage in men presenting for infertility evaluation. Journal of Assisted Reproduction and Genetics, 2014, 31, 527-532.	2.5	35
40	Anti-sperm antibody levels are not related to fertilization or pregnancy rates after IVF or IVF/ICSI. Journal of Reproductive Immunology, 2011, 88, 80-84.	1.9	33
41	Influence of microsurgical varicocelectomy on human sperm mitochondrial DNA copy number: a pilot study. Journal of Assisted Reproduction and Genetics, 2012, 29, 759-764.	2.5	31
42	Nomograms for predicting changes in semen parameters in infertile men after varicocele repair. Fertility and Sterility, 2014, 102, 68-74.	1.0	31
43	Sperm nuclear histone H2B: correlation with sperm DNA denaturation and DNA stainability. Asian Journal of Andrology, 2008, 10, 865-871.	1.6	30
44	Varicocelectomy for Infertile Couples with Advanced Paternal Age. Urology, 2008, 72, 109-113.	1.0	30
45	Sperm DNA and chromatin integrity in semen samples used for intrauterine insemination. Journal of Assisted Reproduction and Genetics, 2013, 30, 1519-1524.	2.5	30
46	Use of testicular sperm for ICSI in oligozoospermic couples: how far should we go?. Human Reproduction, 2016, 32, 7-13.	0.9	30
47	Sperm DNA Fragmentation: A Critical Assessment of Clinical Practice Guidelines. World Journal of Men?s Health, 2022, 40, 30.	3.3	27
48	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.	3.3	26
49	Microsurgical Varicocelectomy for Infertile Couples With Advanced Female Age: Natural History in the Era of ART. Journal of Andrology, 2004, 25, 939-943.	2.0	25
50	Paper-based sperm DNA integrity analysis. Analytical Methods, 2016, 8, 6260-6264.	2.7	21
51	Is exÂvivo microdissection testicular sperm extraction indicated for infertile men undergoing radical orchiectomy for testicular cancer? Case report and literature review. Fertility and Sterility, 2014, 101, 956-959.	1.0	19
52	Use of testicular sperm in couples with SCSA-defined high sperm DNA fragmentation and failed intracytoplasmic sperm injection using ejaculated sperm. Asian Journal of Andrology, 2020, 22, 348.	1.6	18
53	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. World Journal of Men?s Health, 2022, 40, 228.	3.3	18
54	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. World Journal of Men?s Health, 2022, 40, 191.	3.3	17

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55	Anti-sperm antibodies are not associated with sperm DNA damage: a prospective study of infertile men. Journal of Reproductive Immunology, 2010, 85, 205-208.	1.9	16
56	Testicular Sperm Aspiration for Nonazoospermic Men: Sperm Retrieval and Intracytoplasmic Sperm Injection Outcomes. Urology, 2014, 84, 1342-1346.	1.0	16
57	Varicocelectomy: microsurgical subinguinal technique is the treatment of choice. Canadian Urological Association Journal, 2007, 1, 273-6.	0.6	16
58	Consensus and Diversity in the Management of Varicocele for Male Infertility: Results of a Global Practice Survey and Comparison with Guidelines and Recommendations. World Journal of Men?s Health, 2023, 41, 164.	3.3	16
59	Testicular Sperm Aspiration (TESA) or Microdissection Testicular Sperm Extraction (Microâ€“tese): Which Approach is better in Men with Cryptozoospermia and Severe Oligozoospermia?. Urology, 2021, 154, 164-169.	1.0	14
60	Use of testicular sperm in nonazoospermic males. Fertility and Sterility, 2018, 109, 981-987.	1.0	13
61	CUA guideline:Vasectomy. Canadian Urological Association Journal, 2016, 10, 274.	0.6	11
62	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. World Journal of Men?s Health, 2022, 40, 347.	3.3	11
63	Antisperm Antibody Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices. World Journal of Men?s Health, 2022, 40, 380.	3.3	11
64	Medical management of non-obstructive azoospermia: A systematic review. Arab Journal of Urology Arab Association of Urology, 2021, 19, 215-220.	1.5	10
65	An Integrated Approach to Male-Factor Subfertility: Bridging the Gap Between Fertility Specialists Trained in Urology and Gynaecology. Journal of Obstetrics and Gynaecology Canada, 2015, 37, 258-265.	0.7	9
66	Is Varicocelectomy Beneficial in Men Previously Deemed Subfertile but With Normal Semen Parameters Based on the New Guidelines? A Retrospective Study. Urology, 2015, 85, 357-362.	1.0	9
67	Use of miniâ€incision microdissection testicular sperm extraction in men with cryptozoospermia and nonâ€obstructive azoospermia. Andrology, 2020, 8, 1136-1142.	3.5	7
68	The new 6th edition of the WHO Laboratory Manual for the Examination and Processing of Human Semen: is it a step toward better standard operating procedure?. Asian Journal of Andrology, 2022, 24, 123.	1.6	7
69	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. World Journal of Men?s Health, 2022, 40, 208.	3.3	6
70	Best urological practices on testing and management of infertile men with abnormal sperm DNA fragmentation levels: the SFRAG guidelines. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2021, 47, 1250-1258.	1.5	5
71	Vasectomy update 2010. Canadian Urological Association Journal, 2010, 4, 306-309.	0.6	5
72	UPDATE â€“ 2022 Canadian Urological Association best practice report: Vasectomy. Canadian Urological Association Journal, 2021, 16, E231-6.	0.6	5

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73	Protocol for developing a core outcome set for male infertility research: an international consensus development study. Human Reproduction Open, 2022, 2022, hoac014.	5.4	4
74	Case â€“ Sperm DNA fragmentation associated with COVID-19 infection. Canadian Urological Association Journal, 2021, 16, E301-3.	0.6	4
75	Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospective study of infertile couples. Fertility and Sterility, 2014, 101, 1599-1603.	1.0	3
76	The Effect of Sperm DNA Fragmentation on Male Fertility and Strategies for Improvement: A Narrative Review. Urology, 2022, 168, 3-9.	1.0	3
77	Sperm retrieval and intracytoplasmic sperm injection outcomes with testicular sperm aspiration in men with severe oligozoospermia and cryptozoospermia. Canadian Urological Association Journal, 2020, 15, E272-E275.	0.6	2
78	Is a contralateral testicular exploration required at microdissection testicular sperm extraction for men with nonobstructive azoospermia, cryptozoospermia or severe oligozoospermia?. Andrologia, 2021, 53, e14208.	2.1	2
79	Post-Vasectomy Semen Analysis: Optimizing Laboratory Procedures and Test Interpretation through a Clinical Audit and Global Survey of Practices. World Journal of Men?s Health, 2022, 40, 425.	3.3	2
80	The benefits and limitations of sperm DNA testing in clinical practice. Translational Andrology and Urology, 2017, 6, S326-S327.	1.4	1
81	Is there a role for varicocelectomy after microdissection testicular sperm extraction? Case report and literature review. Urology Case Reports, 2019, 27, 100994.	0.3	0
82	Sperm Retrieval in Cancerous Testes. , 0, , 364-366.		0
83	ICSI with testicular sperm for couples with sperm DNA damage. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2018, 44, 664-666.	1.5	0
84	Dr. Zini's rebuttal. Canadian Urological Association Journal, 2007, 1, 281.	0.6	0
85	Does testicular sperm retrieval adversely impact spermatogenesis over the longâ€term?. Andrologia, 2022, , e14401.	2.1	0