

Armand Zini

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

5,161
citations

109137

35
h-index

88477

70
g-index

87
all docs

87
docs citations

87
times ranked

3789
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. <i>Human Reproduction</i> , 2008, 23, 2663-2668.	0.4	493
2	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. <i>Translational Andrology and Urology</i> , 2016, 5, 935-950.	0.6	310
3	Are Tests of Sperm DNA Damage Clinically Useful? Pros and Cons. <i>Journal of Andrology</i> , 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. <i>World Journal of Men's Health</i> , 2019, 37, 296.	1.7	256
5	Are sperm chromatin and DNA defects relevant in the clinic?. <i>Systems Biology in Reproductive Medicine</i> , 2011, 57, 78-85.	1.0	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. <i>Urology</i> , 2012, 79, 16-22.	0.5	189
7	Diagnosis and treatment of infertility in men: AUA/ASRM guideline part I. <i>Fertility and Sterility</i> , 2021, 115, 54-61.	0.5	184
8	Antioxidants and sperm DNA damage: a clinical perspective. <i>Journal of Assisted Reproduction and Genetics</i> , 2009, 26, 427-432.	1.2	175
9	Epidemiology of varicocele. <i>Asian Journal of Andrology</i> , 2016, 18, 179.	0.8	170
10	Sperm DNA damage: clinical significance in the era of assisted reproduction. <i>Cmaj</i> , 2006, 175, 495-500.	0.9	168
11	Are varicoceles associated with increased deoxyribonucleic acid fragmentation?. <i>Fertility and Sterility</i> , 2011, 96, 1283-1287.	0.5	149
12	Direct DNA Analysis with Paper-Based Ion Concentration Polarization. <i>Journal of the American Chemical Society</i> , 2015, 137, 13913-13919.	6.6	121
13	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. <i>Andrologia</i> , 2021, 53, e13874.	1.0	121
14	Biologic variability of sperm DNA denaturation in infertile men. <i>Urology</i> , 2001, 58, 258-261.	0.5	120
15	Antioxidant therapy in male infertility: fact or fiction?. <i>Asian Journal of Andrology</i> , 2011, 13, 374-381.	0.8	109
16	Diagnosis and Treatment of Infertility in Men: AUA/ASRM Guideline Part I. <i>Journal of Urology</i> , 2021, 205, 36-43.	0.2	89
17	Varicocele is associated with abnormal retention of cytoplasmic droplets by human spermatozoa. <i>Fertility and Sterility</i> , 2000, 74, 461-464.	0.5	87
18	Diagnosis and Treatment of Infertility in Men: AUA/ASRM Guideline PART II. <i>Journal of Urology</i> , 2021, 205, 44-51.	0.2	87

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19	How to overcome male infertility after 40: Influence of paternal age on fertility. <i>Maturitas</i> , 2014, 78, 22-29.	1.0	86
20	High prevalence of isolated sperm DNA damage in infertile men with advanced paternal age. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 843-848.	1.2	83
21	Diagnosis and treatment of infertility in men: AUA/ASRM guideline part II. <i>Fertility and Sterility</i> , 2021, 115, 62-69.	0.5	79
22	Is sperm dna damage associated with IVF embryo quality? A systematic review. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 391-397.	1.2	76
23	Varicocelectomy to "upgrade" semen quality to allow couples to use less invasive forms of assisted reproductive technology. <i>Fertility and Sterility</i> , 2017, 108, 609-612.	0.5	73
24	Sperm deoxyribonucleic acid damage in normozoospermic men is related to age and sperm progressive motility. <i>Fertility and Sterility</i> , 2014, 101, 1588-1593.	0.5	69
25	The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis. <i>Life</i> , 2021, 11, 1368.	1.1	68
26	Antisperm antibodies are not associated with pregnancy rates after IVF and ICSI: systematic review and meta-analysis. <i>Human Reproduction</i> , 2011, 26, 1288-1295.	0.4	64
27	Influence of initial semen quality on the integrity of human sperm DNA following semen processing. <i>Fertility and Sterility</i> , 2000, 74, 824-827.	0.5	62
28	Sperm head morphology is related to high deoxyribonucleic acid stainability assessed by sperm chromatin structure assay. <i>Fertility and Sterility</i> , 2009, 91, 2495-2500.	0.5	60
29	Paper-Based Quantification of Male Fertility Potential. <i>Clinical Chemistry</i> , 2016, 62, 458-465.	1.5	60
30	Sperm DNA damage: importance in the era of assisted reproduction. <i>Current Opinion in Urology</i> , 2006, 16, 428-434.	0.9	58
31	Lycopene supplementation in vitro can protect human sperm deoxyribonucleic acid from oxidative damage. <i>Fertility and Sterility</i> , 2010, 94, 1033-1036.	0.5	57
32	Smoking is associated with the retention of cytoplasm by human spermatozoa. <i>Urology</i> , 2000, 56, 463-466.	0.5	55
33	Preservation of Testicular Arteries During Subinguinal Microsurgical Varicocelectomy: Clinical Considerations. <i>Journal of Andrology</i> , 2004, 25, 740-743.	2.0	42
34	The histone to protamine ratio in human spermatozoa: comparative study of whole and processed semen. <i>Fertility and Sterility</i> , 2007, 87, 217-219.	0.5	42
35	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.	1.9	41
36	Editorial Commentary on Draft of World Health Organization Sixth Edition Laboratory Manual for the Examination and Processing of Human Semen. <i>World Journal of Men's Health</i> , 2021, 39, 577.	1.7	36

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37	Natural history of varicocele management in the era of intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2008, 90, 2251-2256.	0.5	35
38	Varicocele: Red Flag or Red Herring?. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 171-178.	0.5	35
39	Which isolated sperm abnormality is most related to sperm DNA damage in men presenting for infertility evaluation. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 527-532.	1.2	35
40	Anti-sperm antibody levels are not related to fertilization or pregnancy rates after IVF or IVF/ICSI. <i>Journal of Reproductive Immunology</i> , 2011, 88, 80-84.	0.8	33
41	Influence of microsurgical varicocelectomy on human sperm mitochondrial DNA copy number: a pilot study. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 759-764.	1.2	31
42	Nomograms for predicting changes in semen parameters in infertile men after varicocele repair. <i>Fertility and Sterility</i> , 2014, 102, 68-74.	0.5	31
43	Sperm nuclear histone H2B: correlation with sperm DNA denaturation and DNA stainability. <i>Asian Journal of Andrology</i> , 2008, 10, 865-871.	0.8	30
44	Varicocelectomy for Infertile Couples with Advanced Paternal Age. <i>Urology</i> , 2008, 72, 109-113.	0.5	30
45	Sperm DNA and chromatin integrity in semen samples used for intrauterine insemination. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1519-1524.	1.2	30
46	Use of testicular sperm for ICSI in oligozoospermic couples: how far should we go?. <i>Human Reproduction</i> , 2016, 32, 7-13.	0.4	30
47	Sperm DNA Fragmentation: A Critical Assessment of Clinical Practice Guidelines. <i>World Journal of Men's Health</i> , 2022, 40, 30.	1.7	27
48	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.	1.7	26
49	Microsurgical Varicocelectomy for Infertile Couples With Advanced Female Age: Natural History in the Era of ART. <i>Journal of Andrology</i> , 2004, 25, 939-943.	2.0	25
50	Paper-based sperm DNA integrity analysis. <i>Analytical Methods</i> , 2016, 8, 6260-6264.	1.3	21
51	Is ex vivo microdissection testicular sperm extraction indicated for infertile men undergoing radical orchiectomy for testicular cancer? Case report and literature review. <i>Fertility and Sterility</i> , 2014, 101, 956-959.	0.5	19
52	Use of testicular sperm in couples with SCSA-defined high sperm DNA fragmentation and failed intracytoplasmic sperm injection using ejaculated sperm. <i>Asian Journal of Andrology</i> , 2020, 22, 348.	0.8	18
53	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. <i>World Journal of Men's Health</i> , 2022, 40, 228.	1.7	18
54	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , 2022, 40, 191.	1.7	17

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55	Anti-sperm antibodies are not associated with sperm DNA damage: a prospective study of infertile men. <i>Journal of Reproductive Immunology</i> , 2010, 85, 205-208.	0.8	16
56	Testicular Sperm Aspiration for Nonazoospermic Men: Sperm Retrieval and Intracytoplasmic Sperm Injection Outcomes. <i>Urology</i> , 2014, 84, 1342-1346.	0.5	16
57	Varicocele: microsurgical subinguinal technique is the treatment of choice. <i>Canadian Urological Association Journal</i> , 2007, 1, 273-6.	0.3	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. <i>World Journal of Men's Health</i> , 2023, 41, 164.	1.7	16
59	Testicular Sperm Aspiration (TESA) or Microdissection Testicular Sperm Extraction (Microtése): Which Approach is better in Men with Cryptozoospermia and Severe Oligozoospermia?. <i>Urology</i> , 2021, 154, 164-169.	0.5	14
60	Use of testicular sperm in nonazoospermic males. <i>Fertility and Sterility</i> , 2018, 109, 981-987.	0.5	13
61	CUA guideline: Vasectomy. <i>Canadian Urological Association Journal</i> , 2016, 10, 274.	0.3	11
62	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. <i>World Journal of Men's Health</i> , 2022, 40, 347.	1.7	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. <i>World Journal of Men's Health</i> , 2022, 40, 380.	1.7	11
64	Medical management of non-obstructive azoospermia: A systematic review. <i>Arab Journal of Urology Arab Association of Urology</i> , 2021, 19, 215-220.	0.7	10
65	An Integrated Approach to Male-Factor Subfertility: Bridging the Gap Between Fertility Specialists Trained in Urology and Gynaecology. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2015, 37, 258-265.	0.3	9
66	Is Varicocele Beneficial in Men Previously Deemed Subfertile but With Normal Semen Parameters Based on the New Guidelines? A Retrospective Study. <i>Urology</i> , 2015, 85, 357-362.	0.5	9
67	Use of mini-incision microdissection testicular sperm extraction in men with cryptozoospermia and non-obstructive azoospermia. <i>Andrology</i> , 2020, 8, 1136-1142.	1.9	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?. <i>Asian Journal of Andrology</i> , 2022, 24, 123.	0.8	7
69	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. <i>World Journal of Men's Health</i> , 2022, 40, 208.	1.7	6
70	Best urological practices on testing and management of infertile men with abnormal sperm DNA fragmentation levels: the SFRAG guidelines. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2021, 47, 1250-1258.	0.7	5
71	Vasectomy update 2010. <i>Canadian Urological Association Journal</i> , 2010, 4, 306-309.	0.3	5
72	UPDATE 2022 Canadian Urological Association best practice report: Vasectomy. <i>Canadian Urological Association Journal</i> , 2021, 16, E231-6.	0.3	5

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73	Protocol for developing a core outcome set for male infertility research: an international consensus development study. <i>Human Reproduction Open</i> , 2022, 2022, hoac014.	2.3	4
74	Case of Sperm DNA fragmentation associated with COVID-19 infection. <i>Canadian Urological Association Journal</i> , 2021, 16, E301-3.	0.3	4
75	Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospective study of infertile couples. <i>Fertility and Sterility</i> , 2014, 101, 1599-1603.	0.5	3
76	The Effect of Sperm DNA Fragmentation on Male Fertility and Strategies for Improvement: A Narrative Review. <i>Urology</i> , 2022, 168, 3-9.	0.5	3
77	Sperm retrieval and intracytoplasmic sperm injection outcomes with testicular sperm aspiration in men with severe oligozoospermia and cryptozoospermia. <i>Canadian Urological Association Journal</i> , 2020, 15, E272-E275.	0.3	2
78	Is a contralateral testicular exploration required at microdissection testicular sperm extraction for men with nonobstructive azoospermia, cryptozoospermia or severe oligozoospermia?. <i>Andrologia</i> , 2021, 53, e14208.	1.0	2
79	Post-Vasectomy Semen Analysis: Optimizing Laboratory Procedures and Test Interpretation through a Clinical Audit and Global Survey of Practices. <i>World Journal of Men's Health</i> , 2022, 40, 425.	1.7	2
80	The benefits and limitations of sperm DNA testing in clinical practice. <i>Translational Andrology and Urology</i> , 2017, 6, S326-S327.	0.6	1
81	Is there a role for varicocelectomy after microdissection testicular sperm extraction? Case report and literature review. <i>Urology Case Reports</i> , 2019, 27, 100994.	0.1	0
82	Sperm Retrieval in Cancerous Testes. , 0, , 364-366.		0
83	ICSI with testicular sperm for couples with sperm DNA damage. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2018, 44, 664-666.	0.7	0
84	Dr. Zini's rebuttal. <i>Canadian Urological Association Journal</i> , 2007, 1, 281.	0.3	0
85	Does testicular sperm retrieval adversely impact spermatogenesis over the long-term?. <i>Andrologia</i> , 2022, , e14401.	1.0	0