

Damayanthi Durairajanayagam

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,815
citations

304368

22
h-index

189595

50
g-index

65
all docs

65
docs citations

65
times ranked

3165
citing authors

#	ARTICLE	IF	CITATIONS
1	Bibliometrics: tracking research impact by selecting the appropriate metrics. Asian Journal of Andrology, 2016, 18, 296.	0.8	320
2	Causes, effects and molecular mechanisms of testicular heat stress. Reproductive BioMedicine Online, 2015, 30, 14-27.	1.1	292
3	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.	1.7	256
4	Lifestyle causes of male infertility. Arab Journal of Urology Arab Association of Urology, 2018, 16, 10-20.	0.7	196
5	Reactive oxygen species and male reproductive hormones. Reproductive Biology and Endocrinology, 2018, 16, 87.	1.4	189
6	Utility of antioxidants during assisted reproductive techniques: an evidence based review. Reproductive Biology and Endocrinology, 2014, 12, 112.	1.4	154
7	Sperm DNA Fragmentation: A New Guideline for Clinicians. World Journal of Men's Health, 2020, 38, 412.	1.7	127
8	Proteomics, oxidative stress and male infertility. Reproductive BioMedicine Online, 2014, 29, 32-58.	1.1	125
9	Characterizing semen parameters and their association with reactive oxygen species in infertile men. Reproductive Biology and Endocrinology, 2014, 12, 33.	1.4	109
10	Lycopene and male infertility. Asian Journal of Andrology, 2014, 16, 420.	0.8	86
11	Major protein alterations in spermatozoa from infertile men with unilateral varicocele. Reproductive Biology and Endocrinology, 2015, 13, 8.	1.4	75
12	Role of Withania somnifera (Ashwagandha) in the management of male infertility. Reproductive BioMedicine Online, 2018, 36, 311-326.	1.1	66
13	Proteomic Signatures of Sperm Mitochondria in Varicocele: Clinical Use as Biomarkers of Varicocele Associated Infertility. Journal of Urology, 2018, 200, 414-422.	0.2	65
14	Infertile men older than 40 years are at higher risk of sperm DNA damage. Reproductive Biology and Endocrinology, 2014, 12, 103.	1.4	63
15	Proteomic signatures of infertile men with clinical varicocele and their validation studies reveal mitochondrial dysfunction leading to infertility. Asian Journal of Andrology, 2016, 18, 282.	0.8	63
16	Role of L-carnitine in female infertility. Reproductive Biology and Endocrinology, 2018, 16, 5.	1.4	62
17	Causes and consequences of sperm mitochondrial dysfunction. Andrologia, 2021, 53, e13666.	1.0	58
18	Differential Proteomic Profiling of Spermatozoal Proteins of Infertile Men With Unilateral or Bilateral Varicocele. Urology, 2015, 85, 580-588.	0.5	50

#	ARTICLE	IF	CITATIONS
19	Leptin and its actions on reproduction in males. Asian Journal of Andrology, 2019, 21, 296.	0.8	47
20	Spermatozoa protein alterations in infertile men with bilateral varicocele. Asian Journal of Andrology, 2016, 18, 43.	0.8	39
21	Oxidative Stress and Assisted Reproduction: A Comprehensive Review of Its Pathophysiological Role and Strategies for Optimizing Embryo Culture Environment. Antioxidants, 2022, 11, 477.	2.2	36
22	Aberrant Upregulation of Compensatory Redox Molecular Machines May Contribute to Sperm Dysfunction in Infertile Men with Unilateral Varicocele: A Proteomic Insight. Antioxidants and Redox Signaling, 2020, 32, 504-521.	2.5	29
23	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.	1.7	26
24	LY294002, a PI3K pathway inhibitor, prevents leptin-induced adverse effects on spermatozoa in Sprague-Dawley rats. Andrologia, 2019, 51, e13196.	1.0	22
25	Contemporary and future insights into fertility preservation in male cancer patients. Translational Andrology and Urology, 2014, 3, 27-40.	0.6	19
26	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. World Journal of Men's Health, 2022, 40, 228.	1.7	18
27	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.	1.7	17
28	Leptin and reproductive dysfunction in obese men. Andrologia, 2020, 52, e13433.	1.0	16
29	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.	1.7	16
30	Are men talking their reproductive health away?. Asian Journal of Andrology, 2015, 17, 433.	0.8	14
31	Comprehensive Analysis of Global Research on Human Varicocele: A Scientometric Approach. World Journal of Men's Health, 2022, 40, .	1.7	13
32	Standardized Laboratory Procedures, Quality Control and Quality Assurance Are Key Requirements for Accurate Semen Analysis in the Evaluation of Infertile Male. World Journal of Men's Health, 2022, 40, 52.	1.7	12
33	Could leptin be responsible for the reproductive dysfunction in obese men?. Reproductive Biology, 2020, 20, 106-110.	0.9	11
34	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.	1.7	11
35	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.	1.7	11
36	Misconceptions highlighted among medical students in the annual International Intermedical School Physiology Quiz. American Journal of Physiology - Advances in Physiology Education, 2012, 36, 229-232.	0.8	8

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37	Sperm Biology from Production to Ejaculation. , 2015, , 29-42.		6
38	Varicocele among infertile men in Qatar. <i>Andrologia</i> , 2017, 49, e12637.	1.0	6
39	Is there plagiarism in the most influential publications in the field of andrology?. <i>Andrologia</i> , 2019, 51, e13405.	1.0	6
40	A scientometric analysis of research publications on male infertility and assisted reproductive technology. <i>Andrologia</i> , 2021, 53, e13842.	1.0	6
41	An online educational model in andrology for student training in the art of scientific writing in the COVID-19 pandemic. <i>Andrologia</i> , 2021, 53, e13961.	1.0	6
42	Leptin induces the expression of tumorigenic genes in the gastric mucosa of male Sprague-Dawley rats. <i>Experimental Biology and Medicine</i> , 2018, 243, 1118-1124.	1.1	5
43	Physiological Role of Reactive Oxygen Species in Male Reproduction. , 2019, , 65-78.		5
44	Cleveland Clinic's summer research program in reproductive medicine: an inside look at the class of 2014. <i>Medical Education Online</i> , 2015, 20, 29517.	1.1	4
45	Relationship between coping styles and lipid profile among public university staff. <i>Lipids in Health and Disease</i> , 2017, 16, 50.	1.2	4
46	Leptin enhances N-methyl-N ^o -nitro-N-nitrosoguanidine (MNNG)-induced tumour growth in gastric mucosa of male Sprague-Dawley rats. <i>Molecular Biology Reports</i> , 2019, 46, 5967-5975.	1.0	4
47	A Web-Based Global Educational Model for Training in Semen Analysis during the COVID-19 Pandemic. <i>World Journal of Men's Health</i> , 2021, 39, 804.	1.7	4
48	Proteomics in Human Reproduction. <i>SpringerBriefs in Reproductive Biology</i> , 2016, , .	0.0	3
49	Highly Cited Articles in the Field of Male Infertility and Antioxidants: A Scientometric Analysis. <i>World Journal of Men's Health</i> , 2021, 39, 760.	1.7	3
50	Molecular Interactions Associated with Oxidative Stress-Mediated Male Infertility: Sperm and Seminal Plasma Proteomics. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 63-76.	0.8	3
51	Insights into an Award-Winning Summer Internship Program: The First Six Years. <i>World Journal of Men's Health</i> , 2016, 34, 9.	1.7	2
52	Proteomic and Metabolomic Fingerprinting in Male Infertility. , 2020, , 123-138.		2
53	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
54	Corticosterone-induced attenuation of epididymal sperm fertility in rats. , 2012, , .		1

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55	Antioxidant Therapy in Assisted Reproductive Technologies. , 2017, , 137-158.		1
56	Commentary: the value of testing sperm DNA fragmentation in infertile men. Translational Andrology and Urology, 2017, 6, S678-S680.	0.6	1
57	Proteomics and Metabolomics. , 2019, , 535-547.		1
58	An update on male infertility: Factors, mechanisms, and interventions. Andrologia, 2021, 53, e13741.	1.0	1
59	Afterword to an update on male infertility: Factors, mechanisms, and interventions. Andrologia, 2021, 53, e13752.	1.0	1
60	Lifestyle Factors and Reproductive Health. , 2015, , 145-157.		0
61	Tocotrienol-rich fraction supplementation prevents foetal loss in females mated with corticosterone-treated male Sprague-Dawley rats. Andrologia, 2019, 51, e13199.	1.0	0
62	Afterword: An update on clinical utility and diagnostic value of various andrological techniques. Andrologia, 2021, 53, e13819.	1.0	0
63	An update on clinical utility and diagnostic value of various andrological techniques. Andrologia, 2021, 53, e13783.	1.0	0
64	Compendium of Oxidative Stress-Related Research from Cleveland Clinic (1993â€“2016). , 2017, , 151-190.		0