

Manesh Kumar Panner Selvam

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,134
citations

279487

23
h-index

264894

42
g-index

74
all docs

74
docs citations

74
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	Male infertility. <i>Lancet, The</i> , 2021, 397, 319-333.	6.3	468
2	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
3	Sperm DNA Fragmentation: A New Guideline for Clinicians. <i>World Journal of Men's Health</i> , 2020, 38, 412.	1.7	127
4	Functional and Taxonomic Dysbiosis of the Gut, Urine, and Semen Microbiomes in Male Infertility. <i>European Urology</i> , 2021, 79, 826-836.	0.9	94
5	Male Fertility and the COVID-19 Pandemic: Systematic Review of the Literature. <i>World Journal of Men's Health</i> , 2020, 38, 506.	1.7	78
6	A systematic review on sperm DNA fragmentation in male factor infertility: Laboratory assessment. <i>Arab Journal of Urology Arab Association of Urology</i> , 2018, 16, 65-76.	0.7	72
7	Utility of Antioxidants in the Treatment of Male Infertility: Clinical Guidelines Based on a Systematic Review and Analysis of Evidence. <i>World Journal of Men's Health</i> , 2021, 39, 233.	1.7	59
8	Home sperm testing device versus laboratory sperm quality analyzer: comparison of motile sperm concentration. <i>Fertility and Sterility</i> , 2018, 110, 1277-1284.	0.5	55
9	Exosomes of male reproduction. <i>Advances in Clinical Chemistry</i> , 2020, 95, 149-163.	1.8	55
10	Efficacy of Antioxidant Supplementation on Conventional and Advanced Sperm Function Tests in Patients with Idiopathic Male Infertility. <i>Antioxidants</i> , 2020, 9, 219.	2.2	46
11	Multi-center evaluation of oxidation-reduction potential by the MiOXSYS in males with abnormal semen. <i>Asian Journal of Andrology</i> , 2019, 21, 565.	0.8	46
12	Etiologies of sperm DNA damage and its impact on male infertility. <i>Andrologia</i> , 2021, 53, e13706.	1.0	41
13	Update on the proteomics of male infertility: A systematic review. <i>Arab Journal of Urology Arab Association of Urology</i> , 2018, 16, 103-112.	0.7	39
14	Proteomic Analyses of Human Sperm Cells: Understanding the Role of Proteins and Molecular Pathways Affecting Male Reproductive Health. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1621.	1.8	38
15	An In-Depth Bibliometric Analysis and Current Perspective on Male infertility Research. <i>World Journal of Men's Health</i> , 2021, 39, 302.	1.7	38
16	Sperm Proteome Analysis and Identification of Fertility-Associated Biomarkers in Unexplained Male Infertility. <i>Genes</i> , 2019, 10, 522.	1.0	37
17	The effect of oxidative and reductive stress on semen parameters and functions of physiologically normal human spermatozoa. <i>Free Radical Biology and Medicine</i> , 2020, 152, 375-385.	1.3	36
18	A quantitative global proteomics approach to understanding the functional pathways dysregulated in the spermatozoa of asthenozoospermic testicular cancer patients. <i>Andrology</i> , 2019, 7, 454-462.	1.9	32

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19	Sperm DNA damage and its impact on male reproductive health: a critical review for clinicians, reproductive professionals and researchers. Expert Review of Molecular Diagnostics, 2019, 19, 443-457.	1.5	27
20	Proteomic Signatures Reveal Differences in Stress Response, Antioxidant Defense and Proteasomal Activity in Fertile Men with High Seminal ROS Levels. International Journal of Molecular Sciences, 2019, 20, 203.	1.8	27
21	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
22	Proteomic analysis of seminal plasma from bilateral varicocele patients indicates an oxidative state and increased inflammatory response. Asian Journal of Andrology, 2019, 21, 544.	0.8	26
23	Tracking research trends and hotspots in sperm DNA fragmentation testing for the evaluation of male infertility: a scientometric analysis. Reproductive Biology and Endocrinology, 2019, 17, 110.	1.4	25
24	Protein Fingerprinting of Seminal Plasma Reveals Dysregulation of Exosome-Associated Proteins in Infertile Men with Unilateral Varicocele. World Journal of Men's Health, 2021, 39, 324.	1.7	25
25	Effect of Antioxidant Supplementation on the Sperm Proteome of Idiopathic Infertile Men. Antioxidants, 2019, 8, 488.	2.2	22
26	Proteomic Profiling of Seminal Plasma Proteins in Varicocele Patients. World Journal of Men's Health, 2021, 39, 90.	1.7	21
27	Sperm DNA Fragmentation and Male Infertility. , 2020, , 155-172.		21
28	Alterations in seminal plasma proteomic profile in men with primary and secondary infertility. Scientific Reports, 2020, 10, 7539.	1.6	20
29	Proteomics and metabolomics " Current and future perspectives in clinical andrology. Andrologia, 2021, 53, e13711.	1.0	19
30	Altered Molecular Pathways in the Proteome of Cryopreserved Sperm in Testicular Cancer Patients before Treatment. International Journal of Molecular Sciences, 2019, 20, 677.	1.8	16
31	Sperm and Seminal Plasma Proteomics: Molecular Changes Associated with Varicocele-Mediated Male Infertility. World Journal of Men's Health, 2020, 38, 472.	1.7	16
32	Proteomics of reproduction: Prospects and perspectives. Advances in Clinical Chemistry, 2019, 92, 217-243.	1.8	15
33	Treatment of semen samples with "chymotrypsin alters the expression pattern of sperm functional proteins" a pilot study. Andrology, 2018, 6, 345-350.	1.9	14
34	Functional Analysis of Differentially Expressed Acetylated Spermatozoal Proteins in Infertile Men with Unilateral and Bilateral Varicocele. International Journal of Molecular Sciences, 2020, 21, 3155.	1.8	14
35	Validation of LensHooke® X1 PRO and Computer-Assisted Semen Analyzer Compared with Laboratory-Based Manual Semen Analysis. World Journal of Men's Health, 2021, 39, 496.	1.7	14
36	Calibration of redox potential in sperm wash media and evaluation of oxidation"reduction potential values in various assisted reproductive technology culture media using MiOXSYS system. Andrology, 2018, 6, 293-300.	1.9	13

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37	Unraveling the Footsteps of Proteomics in Male Reproductive Research: A Scientometric Approach. Antioxidants and Redox Signaling, 2020, 32, 536-549.	2.5	12
38	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
39	Dysregulation of Key Proteins Associated with Sperm Motility and Fertility Potential in Cancer Patients. International Journal of Molecular Sciences, 2020, 21, 6754.	1.8	11
40	Evaluation of seminal oxidation–reduction potential in male infertility. Andrologia, 2021, 53, e13610.	1.0	11
41	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
42	Presence of Round Cells Proteins do not Interfere with Identification of Human Sperm Proteins from Frozen Semen Samples by LC-MS/MS. International Journal of Molecular Sciences, 2019, 20, 314.	1.8	10
43	Molecular Pathways Associated with Sperm Biofunction Are Not Affected by the Presence of Round Cell and Leukocyte Proteins in Human Sperm Proteome. Journal of Proteome Research, 2019, 18, 1191-1197.	1.8	9
44	Scientific landscape of oxidative stress in male reproductive research: A scientometric study. Free Radical Biology and Medicine, 2020, 156, 36-44.	1.3	8
45	Alterations of Spermatozoa Proteomic Profile in Men with Hodgkin's Disease Prior to Cancer Therapy. World Journal of Men's Health, 2020, 38, 521.	1.7	7
46	Is there plagiarism in the most influential publications in the field of andrology?. Andrologia, 2019, 51, e13405.	1.0	6
47	Protein profiling in unlocking the basis of varicocele-associated infertility. Andrologia, 2021, 53, e13645.	1.0	6
48	A scientometric analysis of research publications on male infertility and assisted reproductive technology. Andrologia, 2021, 53, e13842.	1.0	6
49	An online educational model in andrology for student training in the art of scientific writing in the COVID-19 pandemic. Andrologia, 2021, 53, e13961.	1.0	6
50	Smartphone-based home screening tests for male infertility. Panminerva Medica, 2019, 61, 104-107.	0.2	6
51	Distinct Proteomic Profile of Spermatozoa from Men with Seminomatous and Non-Seminomatous Testicular Germ Cell Tumors. International Journal of Molecular Sciences, 2020, 21, 4817.	1.8	5
52	Telomere Signaling and Maintenance Pathways in Spermatozoa of Infertile Men Treated With Antioxidants: An in silico Approach Using Bioinformatic Analysis. Frontiers in Cell and Developmental Biology, 2021, 9, 768510.	1.8	4
53	Highly Cited Articles in the Field of Male Infertility and Antioxidants: A Scientometric Analysis. World Journal of Men's Health, 2021, 39, 760.	1.7	3
54	Advanced Sperm Processing/Selection Techniques. , 2018, , 529-543.		3

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55	Role of endocrine disruptors in male infertility and impact of COVID-19 on male reproduction. , 2022, , 1183-1194.		3
56	Recent Publication Trends in Radiotherapy and Male Infertility over Two Decades: A Scientometric Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	3
57	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
58	Round cells do not contaminate or mask human sperm proteome in proteomic studies using cryopreserved samples. <i>Andrologia</i> , 2019, 51, e13325.	1.0	2
59	Oxidative Stress Testing: Direct Tests. , 2021, , 111-122.		2
60	Proteomic and Metabolomic Fingerprinting in Male Infertility. , 2020, , 123-138.		2
61	Proteomics and Metabolomics. , 2019, , 535-547.		1
62	Comparative proteomic analysis reveals differential regulation of redox homeostasis and perturbed oxidative phosphorylation pathway in unilateral compared to bilateral varicocele condition. <i>Fertility and Sterility</i> , 2019, 112, e375-e376.	0.5	1
63	Effect of oxidation-reduction potential on mitochondrial membrane potential and vitality of physiologically normal human spermatozoa. <i>Fertility and Sterility</i> , 2019, 112, e375.	0.5	1
64	Reactive Oxygen Species Methodology Using Chemiluminescence Assay. , 2019, , 183-193.		1
65	Deciphering the role of gga-miR-142-3p on target gene CD200 and its contribution towards signal transduction and immune response. <i>Applied Biological Research</i> , 2017, 19, 132.	0.1	1
66	Evaluation of sperm proteome in cancer patients prior to treatment. <i>Fertility and Sterility</i> , 2019, 112, e94.	0.5	0
67	INSIGHTS IN THE MECHANISMS OF DEFECTIVE SPERM MATURATION IN INFERTILE MEN USING A COMPARATIVE PROTEOMICS APPROACH. <i>Fertility and Sterility</i> , 2020, 114, e365-e366.	0.5	0
68	UNDERSTANDING MOLECULAR MECHANISMS ASSOCIATED WITH INFERTILITY IN MEN WITH LOW LEVELS OF SEMINAL REACTIVE OXYGEN SPECIES THROUGH COMPARATIVE PROTEOMICS. <i>Fertility and Sterility</i> , 2020, 114, e370-e371.	0.5	0
69	VALIDATION OF LensHooke™ X1 PRO AND COMPUTER-ASSISTED SEMEN ANALYZER COMPARED WITH LABORATORY-BASED MANUAL SEMEN ANALYSIS. <i>Fertility and Sterility</i> , 2020, 114, e372.	0.5	0
70	Best Practice Guidelines for Andrology Laboratory Services during COVID-19 Crisis: Cleveland Clinic's Experience. <i>World Journal of Men's Health</i> , 2021, 39, 169.	1.7	0
71	Future Directives in Sperm Handling for ART. , 2021, , 117-130.		0
72	Standard Semen Analysis: Home Sperm Testing. , 2021, , 23-30.		0

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73	Proteomic and Metabolomic Profile of Semen and Seminal Plasma in Varicocele. , 2019, , 73-85.		0