

# Pallav Sengupta

## List of Publications by Year in descending order

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Version: 2024-02-01

130  
papers

5,433  
citations

172207

29  
h-index

91712

69  
g-index

133  
all docs

133  
docs citations

133  
times ranked

8368  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 and hypogonadism: secondary immune responses rule-over endocrine mechanisms. <i>Human Fertility</i> , 2023, 26, 182-185.	0.7	23
2	Optimization of estrogen dosage for uterine receptivity for implantation in post-coital bilaterally ovariectomized mice. <i>Molecular and Cellular Biochemistry</i> , 2023, 478, 285-289.	1.4	1
3	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
4	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
5	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
6	Somatic-Immune Cells Crosstalk In-The-Making of Testicular Immune Privilege. <i>Reproductive Sciences</i> , 2022, 29, 2707-2718.	1.1	6
7	Environmental and occupational exposure of metals and female reproductive health. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62067-62092.	2.7	47
8	Antioxidant Paradox in Male Infertility: "A Blind Eye" on Inflammation. <i>Antioxidants</i> , 2022, 11, 167.	2.2	15
9	Electrophysiology of Human Gametes: A Systematic Review. <i>World Journal of Men's Health</i> , 2022, 40, .	1.7	1
10	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
11	Viral Infections and Male Infertility: A Comprehensive Review of the Role of Oxidative Stress. <i>Frontiers in Reproductive Health</i> , 2022, 4, .	0.6	13
12	Comprehensive Analysis of Global Research on Human Varicocele: A Scientometric Approach. <i>World Journal of Men's Health</i> , 2022, 40, .	1.7	13
13	Endocrinopathies and Male Infertility. <i>Life</i> , 2022, 12, 10.	1.1	15
14	Chemosterilization in Male: "Past And Present" in Reproductive Biology. <i>Biomedical and Pharmacology Journal</i> , 2022, 15, 1-4.	0.2	0
15	Yoga as the "Complementary, Holistic, and Integrative Medicine" of Infertility. <i>Biomedical and Pharmacology Journal</i> , 2022, 15, 5-8.	0.2	0
16	COVID-19, Oxidative Stress and Male Reproduction: Possible Role of Antioxidants. <i>Antioxidants</i> , 2022, 11, 548.	2.2	12
17	Obesity and male infertility: multifaceted reproductive disruption. <i>Middle East Fertility Society Journal</i> , 2022, 27, .	0.5	12
18	Nutritional Status of Orang Asli in Malaysia. <i>The Malaysian Journal of Medical Sciences</i> , 2022, 29, 17-29.	0.3	7

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19	Oxidative Stress and Idiopathic Male Infertility. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 181-204.	0.8	11
20	N-acetyl cysteine as a potential regulator of SARS-CoV-2-induced male reproductive disruptions. <i>Middle East Fertility Society Journal</i> , 2022, 27, .	0.5	2
21	Obesity and male infertility: Mechanisms and management. <i>Andrologia</i> , 2021, 53, e13617.	1.0	127
22	Impact of Coenzyme Q10 and Selenium on Seminal Fluid Parameters and Antioxidant Status in Men with Idiopathic Infertility. <i>Biological Trace Element Research</i> , 2021, 199, 1246-1252.	1.9	41
23	SARS-CoV-2 and Male Infertility: Possible Multifaceted Pathology. <i>Reproductive Sciences</i> , 2021, 28, 23-26.	1.1	98
24	Coenzyme Q10 Improves Sperm Parameters, Oxidative Stress Markers and Sperm DNA Fragmentation in Infertile Patients with Idiopathic Oligoasthenozoospermia. <i>World Journal of Men's Health</i> , 2021, 39, 346.	1.7	42
25	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
26	Enzyme-Linked Immunosorbent Assay (ELISA) Technique for Food Analysis. , 2021, , 91-115.		3
27	Extrapolation from Clinical Trial to Practice: Current Pharmacotherapy on Obesity. , 2021, , 125-148.		0
28	VIRAL PANDEMICS OF TWENTY-FIRST CENTURY. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2021, 10, 711-716.	0.4	10
29	Coenzyme Q10, oxidative stress, and male infertility: A review. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 97-104.	0.5	32
30	SARS-CoV-2 infection and human semen: possible modes of contamination and transmission. <i>Middle East Fertility Society Journal</i> , 2021, 26, 18.	0.5	9
31	Coenzyme Q10, oxidative stress markers, and sperm DNA damage in men with idiopathic oligoasthenoteratospermia. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 150-155.	0.5	26
32	The impact of COVID-19 on the male reproductive tract and fertility: A systematic review. <i>Arab Journal of Urology Arab Association of Urology</i> , 2021, 19, 423-436.	0.7	26
33	Anthropometric Markers With Specific Cut-Offs Can Predict Anemia Occurrence Among Malaysian Young Adults. <i>Frontiers in Physiology</i> , 2021, 12, 731416.	1.3	2
34	Irisin, Energy Homeostasis and Male Reproduction. <i>Frontiers in Physiology</i> , 2021, 12, 746049.	1.3	14
35	Oxidative Stress, Testicular Inflammatory Pathways, and Male Reproduction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10043.	1.8	97
36	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

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37	Waist-to-height ratio and BMI as predictive markers for insulin resistance in women with PCOS in Kolkata, India. <i>Endocrine</i> , 2021, 72, 86-95.	1.1	16
38	Herbal medicine used to treat andrological problems: Asia and Indian subcontinent: <i>Withania somnifera</i> , <i>Panax ginseng</i> , <i>Centella asiatica</i> . , 2021, , 93-106.		1
39	Assisted Reproductive Technologies for Women with Polycystic Ovarian Syndrome. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 1305-1308.	0.2	1
40	Coronavirus Disease 2019 (COVID-19) and Pregnancy. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 1161-1174.	0.2	2
41	Climate change and declining fertility rate in Malaysia: the possible connexions. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 911-924.	0.7	7
42	Coronavirus Disease-19 (COVID-19) and Modern Lifestyle Diseases. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 2245-2247.	0.2	0
43	Reproductive immunomodulatory functions of B cells in pregnancy. <i>International Reviews of Immunology</i> , 2020, 39, 53-66.	1.5	26
44	Staphylococcal infections and infertility: mechanisms and management. <i>Molecular and Cellular Biochemistry</i> , 2020, 474, 57-72.	1.4	22
45	Viral Pandemics of the Last Four Decades: Pathophysiology, Health Impacts and Perspectives. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9411.	1.2	85
46	Oxidative stress in pathologies of male reproductive disorders. , 2020, , 15-27.		13
47	Does SARS-CoV-2 infection cause sperm DNA fragmentation? Possible link with oxidative stress. <i>European Journal of Contraception and Reproductive Health Care</i> , 2020, 25, 405-406.	0.6	38
48	Physiological Role of ROS in Sperm Function. , 2020, , 337-345.		26
49	Oxidative Stress and Its Association with Male Infertility. , 2020, , 57-68.		20
50	Sperm DNA Fragmentation and Male Infertility. , 2020, , 155-172.		21
51	Geographical differences in semen characteristics: Comparing semen parameters of infertile men of the United States and Iraq. <i>Andrologia</i> , 2020, 52, e13519.	1.0	13
52	Periodontitis as an Independent Factor in Pathogenesis of Erectile Dysfunction. <i>Biomedical and Pharmacology Journal</i> , 2020, 13, 01-04.	0.2	9
53	Conventional and Camouflage Syringe during Maxillary Dental Procedures: Relevance to Anxiety and Pain Levels in Children. <i>Biomedical and Pharmacology Journal</i> , 2020, 13, 253-258.	0.2	3
54	SARS-CoV-2 infection, oxidative stress and male reproductive hormones: can testicular-adrenal crosstalk be ruled-out?. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	0.7	18

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55	Microtubular Dysfunction and Male Infertility. World Journal of Men's Health, 2020, 38, 9.	1.7	30
56	Sperm DNA Fragmentation: A New Guideline for Clinicians. World Journal of Men's Health, 2020, 38, 412.	1.7	127
57	Pathophysiology of obesity: Endocrine, inflammatory and neural regulators. Research Journal of Pharmacy and Technology, 2020, 13, 4469.	0.2	16
58	Pharmacology of Adrenaline, Noradrenaline, and Their Receptors. , 2020, , 107-142.		1
59	Mulberry Fruits. , 2020, , 113-122.		0
60	Fuel/Energy Sources of Spermatozoa. , 2020, , 323-335.		4
61	Chromosomal Translocations and Inversion in Male Infertility. , 2020, , 207-219.		1
62	Pharmacology of Histamine, Its Receptors and Antagonists in the Modulation of Physiological Functions. , 2020, , 213-240.		3
63	Comparing four laboratory three-parent techniques to construct human aged non-surrounded nucleolus germinal vesicle oocytes: A case-control study. International Journal of Reproductive BioMedicine, 2020, 18, 425-438.	0.5	2
64	Mapping the Age of Laboratory Rabbit Strains to Human. International Journal of Preventive Medicine, 2020, 11, 194.	0.2	1
65	Sociodemographic factors associated with semen quality among Malaysian men attending fertility clinic. Andrologia, 2019, 51, e13383.	1.0	4
66	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.	1.2	50
67	Oxidative stress-induced alterations in seminal plasma antioxidants: Is there any association with Keap1 gene methylation in human spermatozoa?. Andrologia, 2019, 51, e13159.	1.0	14
68	Hormonal regulation of spermatogenesis. , 2019, , 41-49.		9
69	The Pathophysiology of Male Infertility. , 2019, , 1-9.		4
70	Age of Laboratory Hamster and Human: Drawing the Connexion. Biomedical and Pharmacology Journal, 2019, 12, 49-56.	0.2	8
71	Adenosine Receptors in Modulation of Central Nervous System Disorders. Current Pharmaceutical Design, 2019, 25, 2808-2827.	0.9	17
72	Male reproductive hormones and semen quality. Asian Pacific Journal of Reproduction, 2019, 8, 189.	0.2	20

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73	Obesity, endocrine disruption and male infertility. Asian Pacific Journal of Reproduction, 2019, 8, 195.	0.2	21
74	Thyroid hormones in male reproduction and infertility. Asian Pacific Journal of Reproduction, 2019, 8, 203.	0.2	15
75	Role of melatonin in male reproduction. Asian Pacific Journal of Reproduction, 2019, 8, 211.	0.2	13
76	Leptin and male reproduction. Asian Pacific Journal of Reproduction, 2019, 8, 220.	0.2	16
77	Ghrelin and male reproduction. Asian Pacific Journal of Reproduction, 2019, 8, 227.	0.2	7
78	Orexins and male reproduction. Asian Pacific Journal of Reproduction, 2019, 8, 233.	0.2	5
79	Obestatin in male reproduction and infertility. Asian Pacific Journal of Reproduction, 2019, 8, 239.	0.2	6
80	Adiponectin in male reproduction and infertility. Asian Pacific Journal of Reproduction, 2019, 8, 244.	0.2	10
81	Trust in Nurse Scale Developed on the Basis of the Standardized Trust in Physician Scale by Anderson and Detrick. <i>Materia Socio-medica</i> , 2019, 31, 57.	0.3	8
82	Hormones in male reproduction and fertility. Asian Pacific Journal of Reproduction, 2019, 8, 187.	0.2	4
83	Reductions in alanine aminotransferase levels with liraglutide treatment are greatest in those with raised baseline levels and are independent of weight loss: real-world outcome data from the ABCD Nationwide Liraglutide Audit. <i>British Journal of Diabetes</i> , 2019, 19, 118-123.	0.1	0
84	Rabbits and men: relating their ages. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 427-435.	0.7	48
85	Decline in sperm count in European men during the past 50 years. <i>Human and Experimental Toxicology</i> , 2018, 37, 247-255.	1.1	140
86	Role of <i>Withania somnifera</i> (Ashwagandha) in the management of male infertility. <i>Reproductive BioMedicine Online</i> , 2018, 36, 311-326.	1.1	66
87	Child vaccination at the Outpatient Clinic of the Pro Medica Center in Bialystok, Poland in the years 2013-2016. <i>Family Medicine and Primary Care Review</i> , 2018, 20, 341-345.	0.1	0
88	Oxidative stress induced alterations in seminal plasma antioxidants, is there any association with Keap1 gene methylation in human spermatozoa. <i>Fertility and Sterility</i> , 2018, 110, e166-e167.	0.5	1
89	Reactive oxygen species and male reproductive hormones. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 87.	1.4	189
90	Role of L-carnitine in female infertility. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 5.	1.4	62

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91	Thyroid Disorders and Semen Quality. Biomedical and Pharmacology Journal, 2018, 11, 01-10.	0.2	12
92	Medicinal herbs in the management of male infertility. Journal of Pregnancy and Reproduction, 2018, 2, .	0.1	13
93	Sperm counts in Asian men: Reviewing the trend of past 50 years. Asian Pacific Journal of Reproduction, 2018, 7, 87.	0.2	22
94	Functions of follicular and marginal zone B cells in pregnancy. Asian Pacific Journal of Reproduction, 2018, 7, 191.	0.2	4
95	The Disappearing Sperms: Analysis of Reports Published Between 1980 and 2015. American Journal of Men's Health, 2017, 11, 1279-1304.	0.7	123
96	AN UPDATE ON COAGULATING GLAND RENIN-ANGIOTENSIN-PROSTAGLANDIN SYSTEM: A NEW HYPOTHESIS ON ITS RENIN FUNCTION. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 47.	0.3	1
97	EXERCISE-ASSOCIATED SELF-EFFICACY AND BEHAVIORAL CHANGES AND THEIR IMPACT ON HEALTH-RELATED QUALITY OF LIFE OF MIDDLE-AGED WOMEN OF KLANG VALLEY, MALAYSIA. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 262.	0.3	0
98	Evidence for decreasing sperm count in African population from 1965 to 2015. African Health Sciences, 2017, 17, 418.	0.3	72
99	Ooplasmic transfer in human oocytes: efficacy and concerns in assisted reproduction. Reproductive Biology and Endocrinology, 2017, 15, 77.	1.4	28
100	Defining pregnancy phases with cytokine shift. Journal of Pregnancy and Reproduction, 2017, 1, .	0.1	13
101	Yoga escalates female reproductive health during pregnancy. Journal of Pregnancy and Reproduction, 2017, 1, .	0.1	1
102	A report on body composition and fitness profile of young men of Toto community: An endangered tribe of India. Indian Journal of Medical Specialities, 2016, 7, 95-99.	0.1	2
103	Capsulation of the global fitness status and body composition of the young Toto women: The smallest tribal community of India. Performance Enhancement and Health, 2016, 5, 4-9.	0.8	1
104	Men and mice: Relating their ages. Life Sciences, 2016, 152, 244-248.	2.0	1,093
105	Co-education with environmental cues may kindle early onset of female puberty. International Journal of Preventive Medicine, 2016, 7, 29.	0.2	0
106	Reviewing reports of semen volume and male aging of last 33 years: From 1980 through 2013. Asian Pacific Journal of Reproduction, 2015, 4, 242-246.	0.2	12
107	Metals and female reproductive toxicity. Human and Experimental Toxicology, 2015, 34, 679-697.	1.1	64
108	Health-related morphological characteristics and physiological fitness in connection with nutritional, socio-economic status, occupational workload of tea garden workers. African Health Sciences, 2014, 14, 558.	0.3	8

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109	Environmental toxins. Human and Experimental Toxicology, 2014, 33, 1017-1039.	1.1	89
110	Evaluation of physical fitness and weight status among fisherwomen in relation to their occupational workload. Journal of Epidemiology and Global Health, 2014, 4, 261.	1.1	5
111	Comparing the physiological, socio-economic and nutritional status among male and female undergraduate college students of metropolitan city of Kolkata. Annals of Medical and Health Sciences Research, 2014, 4, 537.	0.8	3
112	Metals and male reproduction: The possible mechanisms. Advanced Biomedical Research, 2014, 3, 129.	0.2	2
113	Current trends of male reproductive health disorders and the changing semen quality. International Journal of Preventive Medicine, 2014, 5, 1-5.	0.2	75
114	Correlation of common biochemical markers for bone turnover, serum calcium, and alkaline phosphatase in post-menopausal women. The Malaysian Journal of Medical Sciences, 2014, 21, 58-61.	0.3	23
115	A Small-scale Cross-sectional Study for the Assessment of Cardiorespiratory Fitness in Relation to Body Composition and Morphometric Characters in Fishermen of Araku Valley, Andhra Pradesh, India. International Journal of Preventive Medicine, 2014, 5, 557-62.	0.2	17
116	Environmental and occupational exposure of metals and their role in male reproductive functions. Drug and Chemical Toxicology, 2013, 36, 353-368.	1.2	98
117	Unilateral and bilateral cryptorchidism and its effect on the testicular morphology, histology, accessory sex organs, and sperm count in laboratory mice. Journal of Human Reproductive Sciences, 2013, 6, 106.	0.4	25
118	Thyroid Function in Male Infertility. Frontiers in Endocrinology, 2013, 4, 174.	1.5	56
119	Male reproductive health and yoga. International Journal of Yoga, 2013, 6, 87.	0.4	35
120	Is mind-body relaxation by yoga is effective to combat with lifestyle stress?. Annals of Medical and Health Sciences Research, 2013, 3, 61.	0.8	5
121	Screening obesity by direct and derived anthropometric indices with evaluation of physical efficiency among female college students of Kolkata. Annals of Medical and Health Sciences Research, 2013, 3, 517.	0.8	21
122	The Laboratory Rat: Relating Its Age With Human's. International Journal of Preventive Medicine, 2013, 4, 624-30.	0.2	1,080
123	Potential health impacts of hard water. International Journal of Preventive Medicine, 2013, 4, 866-75.	0.2	127
124	Effects of dietary magnesium on testicular histology, steroidogenesis, spermatogenesis and oxidative stress markers in adult rats. Indian Journal of Experimental Biology, 2013, 51, 37-47.	0.5	34
125	Dietary calcium induced cytological and biochemical changes in thyroid. Environmental Toxicology and Pharmacology, 2012, 34, 454-465.	2.0	28
126	Excessive dietary calcium in the disruption of structural and functional status of adult male reproductive system in rat with possible mechanism. Molecular and Cellular Biochemistry, 2012, 364, 181-191.	1.4	33



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127	Assessment of Physical Fitness Status of Young Sikkimese Residing in High-Hill Temperate Regions of Eastern Sikkim under the Influence of Climate and Socio-Cultural Factors. Asian Journal of Medical Sciences, 2012, 2, 169-174.	0.0	3
128	Challenge of infertility: How protective the yoga therapy is?. Ancient Science of Life: Journal of International Institute of Ayurveda, 2012, 32, 61.	0.3	25
129	Health Impacts of Yoga and Pranayama: A State-of-the-Art Review. International Journal of Preventive Medicine, 2012, 3, 444-58.	0.2	142
130	Effects of the Weather on Dengue Infections in Kolkata, India. Journal of Mosquito Research, 0, , .	1.0	1