

# 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	Men and mice: Relating their ages. <i>Life Sciences</i> , 2016, 152, 244-248.	2.0	1,093
2	The Laboratory Rat: Relating Its Age With Human's. <i>International Journal of Preventive Medicine</i> , 2013, 4, 624-30.	0.2	1,080
3	Reactive oxygen species and male reproductive hormones. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 87.	1.4	189
4	Health Impacts of Yoga and Pranayama: A State-of-the-Art Review. <i>International Journal of Preventive Medicine</i> , 2012, 3, 444-58.	0.2	142
5	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
6	Obesity and male infertility: Mechanisms and management. <i>Andrologia</i> , 2021, 53, e13617.	1.0	127
7	Sperm DNA Fragmentation: A New Guideline for Clinicians. <i>World Journal of Men's Health</i> , 2020, 38, 412.	1.7	127
8	Potential health impacts of hard water. <i>International Journal of Preventive Medicine</i> , 2013, 4, 866-75.	0.2	127
9	The Disappearing Sperms: Analysis of Reports Published Between 1980 and 2015. <i>American Journal of Men's Health</i> , 2017, 11, 1279-1304.	0.7	123
10	Environmental and occupational exposure of metals and their role in male reproductive functions. <i>Drug and Chemical Toxicology</i> , 2013, 36, 353-368.	1.2	98
11	SARS-CoV-2 and Male Infertility: Possible Multifaceted Pathology. <i>Reproductive Sciences</i> , 2021, 28, 23-26.	1.1	98
12	Oxidative Stress, Testicular Inflammatory Pathways, and Male Reproduction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10043.	1.8	97
13	Environmental toxins. <i>Human and Experimental Toxicology</i> , 2014, 33, 1017-1039.	1.1	89
14	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
15	Current trends of male reproductive health disorders and the changing semen quality. <i>International Journal of Preventive Medicine</i> , 2014, 5, 1-5.	0.2	75
16	Evidence for decreasing sperm count in African population from 1965 to 2015. <i>African Health Sciences</i> , 2017, 17, 418.	0.3	72
17	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
18	Metals and female reproductive toxicity. <i>Human and Experimental Toxicology</i> , 2015, 34, 679-697.	1.1	64

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19	Role of L-carnitine in female infertility. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 5.	1.4	62
20	Thyroid Function in Male Infertility. <i>Frontiers in Endocrinology</i> , 2013, 4, 174.	1.5	56
21	Reactive oxygen species-induced alterations in H19-Igf2 methylation patterns, seminal plasma metabolites, and semen quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 241-253.	1.2	50
22	Rabbits and men: relating their ages. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 427-435.	0.7	48
23	Environmental and occupational exposure of metals and female reproductive health. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62067-62092.	2.7	47
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	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
26	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
27	Male reproductive health and yoga. <i>International Journal of Yoga</i> , 2013, 6, 87.	0.4	35
28	Effects of dietary magnesium on testicular histology, steroidogenesis, spermatogenesis and oxidative stress markers in adult rats. <i>Indian Journal of Experimental Biology</i> , 2013, 51, 37-47.	0.5	34
29	Excessive dietary calcium in the disruption of structural and functional status of adult male reproductive system in rat with possible mechanism. <i>Molecular and Cellular Biochemistry</i> , 2012, 364, 181-191.	1.4	33
30	Coenzyme Q10, oxidative stress, and male infertility: A review. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 97-104.	0.5	32
31	Microtubular Dysfunction and Male Infertility. <i>World Journal of Men's Health</i> , 2020, 38, 9.	1.7	30
32	Dietary calcium induced cytological and biochemical changes in thyroid. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 454-465.	2.0	28
33	Ooplasmic transfer in human oocytes: efficacy and concerns in assisted reproduction. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 77.	1.4	28
34	Reproductive immunomodulatory functions of B cells in pregnancy. <i>International Reviews of Immunology</i> , 2020, 39, 53-66.	1.5	26
35	Coenzyme Q10, oxidative stress markers, and sperm DNA damage in men with idiopathic oligoasthenozeospermia. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 150-155.	0.5	26
36	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

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37	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
38	Physiological Role of ROS in Sperm Function. , 2020, , 337-345.		26
39	Unilateral and bilateral cryptorchidism and its effect on the testicular morphology, histology, accessory sex organs, and sperm count in laboratory mice. <i>Journal of Human Reproductive Sciences</i> , 2013, 6, 106.	0.4	25
40	Challenge of infertility: How protective the yoga therapy is?. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2012, 32, 61.	0.3	25
41	COVID-19 and hypogonadism: secondary immune responses rule-over endocrine mechanisms. <i>Human Fertility</i> , 2023, 26, 182-185.	0.7	23
42	Correlation of common biochemical markers for bone turnover, serum calcium, and alkaline phosphatase in post-menopausal women. <i>The Malaysian Journal of Medical Sciences</i> , 2014, 21, 58-61.	0.3	23
43	Staphylococcal infections and infertility: mechanisms and management. <i>Molecular and Cellular Biochemistry</i> , 2020, 474, 57-72.	1.4	22
44	Sperm counts in Asian men: Reviewing the trend of past 50 years. <i>Asian Pacific Journal of Reproduction</i> , 2018, 7, 87.	0.2	22
45	Sperm DNA Fragmentation and Male Infertility. , 2020, , 155-172.		21
46	Screening obesity by direct and derived anthropometric indices with evaluation of physical efficiency among female college students of Kolkata. <i>Annals of Medical and Health Sciences Research</i> , 2013, 3, 517.	0.8	21
47	Obesity, endocrine disruption and male infertility. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 195.	0.2	21
48	Oxidative Stress and Its Association with Male Infertility. , 2020, , 57-68.		20
49	Male reproductive hormones and semen quality. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 189.	0.2	20
50	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
51	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
52	Adenosine Receptors in Modulation of Central Nervous System Disorders. <i>Current Pharmaceutical Design</i> , 2019, 25, 2808-2827.	0.9	17
53	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. <i>International Journal of Preventive Medicine</i> , 2014, 5, 557-62.	0.2	17
54	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

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55	Leptin and male reproduction. Asian Pacific Journal of Reproduction, 2019, 8, 220.	0.2	16
56	Pathophysiology of obesity: Endocrine, inflammatory and neural regulators. Research Journal of Pharmacy and Technology, 2020, 13, 4469.	0.2	16
57	Thyroid hormones in male reproduction and infertility. Asian Pacific Journal of Reproduction, 2019, 8, 203.	0.2	15
58	Antioxidant Paradox in Male Infertility: "A Blind Eye"™ on Inflammation. Antioxidants, 2022, 11, 167.	2.2	15
59	Endocrinopathies and Male Infertility. Life, 2022, 12, 10.	1.1	15
60	Oxidative stress-induced alterations in seminal plasma antioxidants: Is there any association with <i>Keap1</i> gene methylation in human spermatozoa?. Andrologia, 2019, 51, e13159.	1.0	14
61	Irisin, Energy Homeostasis and Male Reproduction. Frontiers in Physiology, 2021, 12, 746049.	1.3	14
62	Oxidative stress in pathologies of male reproductive disorders. , 2020, , 15-27.		13
63	Geographical differences in semen characteristics: Comparing semen parameters of infertile men of the United States and Iraq. Andrologia, 2020, 52, e13519.	1.0	13
64	Defining pregnancy phases with cytokine shift. Journal of Pregnancy and Reproduction, 2017, 1, .	0.1	13
65	Medicinal herbs in the management of male infertility. Journal of Pregnancy and Reproduction, 2018, 2, .	0.1	13
66	Role of melatonin in male reproduction. Asian Pacific Journal of Reproduction, 2019, 8, 211.	0.2	13
67	Viral Infections and Male Infertility: A Comprehensive Review of the Role of Oxidative Stress. Frontiers in Reproductive Health, 2022, 4, .	0.6	13
68	Comprehensive Analysis of Global Research on Human Varicocele: A Scientometric Approach. World Journal of Men's Health, 2022, 40, .	1.7	13
69	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
70	Thyroid Disorders and Semen Quality. Biomedical and Pharmacology Journal, 2018, 11, 01-10.	0.2	12
71	COVID-19, Oxidative Stress and Male Reproduction: Possible Role of Antioxidants. Antioxidants, 2022, 11, 548.	2.2	12
72	Obesity and male infertility: multifaceted reproductive disruption. Middle East Fertility Society Journal, 2022, 27, .	0.5	12

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73	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
74	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
75	Oxidative Stress and Idiopathic Male Infertility. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 181-204.	0.8	11
76	VIRAL PANDEMICS OF TWENTY-FIRST CENTURY. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2021, 10, 711-716.	0.4	10
77	Adiponectin in male reproduction and infertility. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 244.	0.2	10
78	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
79	Hormonal regulation of spermatogenesis. , 2019, , 41-49.		9
80	Periodontitis as an Independent Factor in Pathogenesis of Erectile Dysfunction. <i>Biomedical and Pharmacology Journal</i> , 2020, 13, 01-04.	0.2	9
81	Health-related morphological characteristics and physiological fitness in connection with nutritional, socio-economic status, occupational workload of tea garden workers. <i>African Health Sciences</i> , 2014, 14, 558.	0.3	8
82	Age of Laboratory Hamster and Human: Drawing the Connexion. <i>Biomedical and Pharmacology Journal</i> , 2019, 12, 49-56.	0.2	8
83	Trust in Nurse Scale Developed on the Basis of the Standardized Trust in Physician Scale by Anderson and Dedrick. <i>Materia Socio-medica</i> , 2019, 31, 57.	0.3	8
84	Ghrelin and male reproduction. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 227.	0.2	7
85	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
86	Nutritional Status of Orang Asli in Malaysia. <i>The Malaysian Journal of Medical Sciences</i> , 2022, 29, 17-29.	0.3	7
87	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
88	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
89	Somatic-Immune Cells Crosstalk In-The-Making of Testicular Immune Privilege. <i>Reproductive Sciences</i> , 2022, 29, 2707-2718.	1.1	6
90	Obestatin in male reproduction and infertility. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 239.	0.2	6

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91	Evaluation of physical fitness and weight status among fisherwomen in relation to their occupational workload. <i>Journal of Epidemiology and Global Health</i> , 2014, 4, 261.	1.1	5
92	Is mind-body relaxation by yoga is effective to combat with lifestyle stress?. <i>Annals of Medical and Health Sciences Research</i> , 2013, 3, 61.	0.8	5
93	Orexins and male reproduction. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 233.	0.2	5
94	Sociodemographic factors associated with semen quality among Malaysian men attending fertility clinic. <i>Andrologia</i> , 2019, 51, e13383.	1.0	4
95	The Pathophysiology of Male Infertility. , 2019, , 1-9.		4
96	Functions of follicular and marginal zone B cells in pregnancy. <i>Asian Pacific Journal of Reproduction</i> , 2018, 7, 191.	0.2	4
97	Hormones in male reproduction and fertility. <i>Asian Pacific Journal of Reproduction</i> , 2019, 8, 187.	0.2	4
98	Fuel/Energy Sources of Spermatozoa. , 2020, , 323-335.		4
99	Enzyme-Linked Immunosorbent Assay (ELISA) Technique for Food Analysis. , 2021, , 91-115.		3
100	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
101	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. <i>Asian Journal of Medical Sciences</i> , 2012, 2, 169-174.	0.0	3
102	Comparing the physiological, socio-economic and nutritional status among male and female undergraduate college students of metropolitan city of Kolkata. <i>Annals of Medical and Health Sciences Research</i> , 2014, 4, 537.	0.8	3
103	Pharmacology of Histamine, Its Receptors and Antagonists in the Modulation of Physiological Functions. , 2020, , 213-240.		3
104	A report on body composition and fitness profile of young men of Toto community: An endangered tribe of India. <i>Indian Journal of Medical Specialities</i> , 2016, 7, 95-99.	0.1	2
105	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
106	Metals and male reproduction: The possible mechanisms. <i>Advanced Biomedical Research</i> , 2014, 3, 129.	0.2	2
107	Coronavirus Disease 2019 (COVID-19) and Pregnancy. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 1161-1174.	0.2	2
108	Comparing four laboratory three-parent techniques to construct human aged non-surrounded nucleolus germinal vesicle oocytes: A case-control study. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 425-438.	0.5	2

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109	N-acetyl cysteine as a potential regulator of SARS-CoV-2-induced male reproductive disruptions. Middle East Fertility Society Journal, 2022, 27, .	0.5	2
110	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
111	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
112	Oxidative stress induced alterations in seminal plasma antioxidants, is there any association with Keap1 gene methylation in human spermatozoa. Fertility and Sterility, 2018, 110, e166-e167.	0.5	1
113	Herbal medicine used to treat andrological problems: Asia and Indian subcontinent: Withania somnifera, Panax ginseng, Centella asiatica. , 2021, , 93-106.		1
114	Effects of the Weather on Dengue Infections in Kolkata, India. Journal of Mosquito Research, 0, , .	1.0	1
115	Assisted Reproductive Technologies for Women with Polycystic Ovarian Syndrome. Biomedical and Pharmacology Journal, 2021, 14, 1305-1308.	0.2	1
116	Yoga escalates female reproductive health during pregnancy. Journal of Pregnancy and Reproduction, 2017, 1, .	0.1	1
117	Pharmacology of Adrenaline, Noradrenaline, and Their Receptors. , 2020, , 107-142.		1
118	Chromosomal Translocations and Inversion in Male Infertility. , 2020, , 207-219.		1
119	Mapping the Age of Laboratory Rabbit Strains to Human. International Journal of Preventive Medicine, 2020, 11, 194.	0.2	1
120	Electrophysiology of Human Gametes: A Systematic Review. World Journal of Men's Health, 2022, 40, .	1.7	1
121	Optimization of estrogen dosage for uterine receptivity for implantation in post-coital bilaterally ovariectomized mice. Molecular and Cellular Biochemistry, 2023, 478, 285-289.	1.4	1
122	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
123	Child vaccination at the Outpatient Clinic of the Pro Medica Center in Bialystok, Poland in the years 2013â€“2016. Family Medicine and Primary Care Review, 2018, 20, 341-345.	0.1	0
124	Extrapolation from Clinical Trial to Practice: Current Pharmacotherapy on Obesity. , 2021, , 125-148.		0
125	Co-education with environmental cues may kindle early onset of female puberty. International Journal of Preventive Medicine, 2016, 7, 29.	0.2	0
126	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. British Journal of Diabetes, 2019, 19, 118-123.	0.1	0



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127	Mulberry Fruits. , 2020, , 113-122.		0
128	Chemosterilization in Male: â€œPast And Presentâ€™ in Reproductive Biology. Biomedical and Pharmacology Journal, 2022, 15, 1-4.	0.2	0
129	Yoga as the â€œComplementary, Holistic, and Integrative Medicineâ€™ of Infertility. Biomedical and Pharmacology Journal, 2022, 15, 5-8.	0.2	0
130	Coronavirus Disease-19 (COVID-19) and Modern Lifestyle Diseases. Biomedical and Pharmacology Journal, 2021, 14, 2245-2247.	0.2	0