

Louis Bujan

List of Publications by Year in descending order

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112
papers

5,741
citations

66343

42
h-index

82547

72
g-index

135
all docs

135
docs citations

135
times ranked

4563
citing authors

#	ARTICLE	IF	CITATIONS
1	Testicular heating and its possible contributions to male infertility: a review. Journal of Developmental and Physical Disabilities, 1995, 18, 169-184.	3.6	279
2	Sperm DNA fragmentation: threshold value in male fertility. Human Reproduction, 2005, 20, 3446-3451.	0.9	273
3	Occupational heat exposure and male fertility: a review. Human Reproduction, 1998, 13, 2122-2125.	0.9	219
4	Time series analysis of sperm concentration in fertile men in Toulouse, France between 1977 and 1992. BMJ: British Medical Journal, 1996, 312, 471-472.	2.3	200
5	Safety and efficacy of sperm washing in HIV-1-serodiscordant couples where the male is infected: results from the European CREAThE network. Aids, 2007, 21, 1909-1914.	2.2	172
6	Effect of acute Zika virus infection on sperm and virus clearance in body fluids: a prospective observational study. Lancet Infectious Diseases, The, 2017, 17, 1200-1208.	9.1	167
7	Fertility after testicular cancer treatments. Cancer, 2004, 100, 732-737.	4.1	165
8	Association of scrotal hyperthermia with impaired spermatogenesis in infertile men. Fertility and Sterility, 1987, 48, 1006-1011.	1.0	154
9	Zika virus in semen and spermatozoa. Lancet Infectious Diseases, The, 2016, 16, 1106-1107.	9.1	153
10	Zika virus in the female genital tract. Lancet Infectious Diseases, The, 2016, 16, 1000-1001.	9.1	136
11	High risk of temporary alteration of semen parameters after recent acute febrile illness. Fertility and Sterility, 2007, 88, 970.e1-970.e7.	1.0	133
12	Increased aneuploidy in spermatozoa from testicular tumour patients after chemotherapy with cisplatin, etoposide and bleomycin. Human Reproduction, 2001, 16, 1204-1208.	0.9	130
13	Sex chromosome mosaicism in males carrying Y chromosome long arm deletions. Human Reproduction, 2000, 15, 2559-2562.	0.9	124
14	Increase in scrotal temperature in car drivers. Human Reproduction, 2000, 15, 1355-1357.	0.9	117
15	Truncating Mutations in the Adhesion G Protein-Coupled Receptor G2 Gene ADGRG2 Cause an X-Linked Congenital Bilateral Absence of Vas Deferens. American Journal of Human Genetics, 2016, 99, 437-442.	6.2	117
16	The potential of mild testicular heating as a safe, effective and reversible contraceptive method for men. Journal of Developmental and Physical Disabilities, 1994, 17, 186-191.	3.6	114
17	Congenital bilateral absence of the vas deferens: clinical characteristics, biological parameters, cystic fibrosis transmembrane conductance regulator gene mutations, and implications for genetic counseling. Fertility and Sterility, 2000, 74, 1164-1174.	1.0	110
18	Impact of chemotherapy and radiotherapy for testicular germ cell tumors on spermatogenesis and sperm DNA: a multicenter prospective study from the CECOS network. Fertility and Sterility, 2013, 100, 673-680.e2.	1.0	109

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19	Cytogenetic Investigations of Infertile Men With Low Sperm Counts: A 25-Year Experience. Journal of Andrology, 2002, 23, 18-22.	2.0	103
20	The Semen Quality of 1158 Men With Testicular Cancer at the Time of Cryopreservation: Results of the French National CECOS Network. Journal of Andrology, 2012, 33, 1394-1401.	2.0	103
21	Sperm cryopreservation in adolescents and young adults with cancer: results of the French national sperm banking network (CECOS). Fertility and Sterility, 2015, 103, 478-486.e1.	1.0	92
22	Zika virus infects human testicular tissue and germ cells. Journal of Clinical Investigation, 2018, 128, 4697-4710.	8.2	92
23	Sperm washing and virus nucleic acid detection to reduce HIV and hepatitis C virus transmission in serodiscordant couples wishing to have children. Aids, 2000, 14, 2093-2099.	2.2	88
24	Seminal cytokine concentrations (IL-1beta, IL-2, IL-6, sIL-2, sIL-6), semen parameters and blood hormonal status in male infertility. Human Reproduction, 1997, 12, 1476-1479.	0.9	84
25	Decreased Semen Volume and Spermatozoa Motility in HIV-1-Infected Patients Under Antiretroviral Treatment. Journal of Andrology, 2006, 28, 444-452.	2.0	80
26	Factors of intermittent HIV-1 excretion in semen and efficiency of sperm processing in obtaining spermatozoa without HIV-1 genomes. Aids, 2004, 18, 757-766.	2.2	79
27	Zika virus in semen of a patient returning from a non-epidemic area. Lancet Infectious Diseases, The, 2016, 16, 894-895.	9.1	75
28	Long-Term Efficacy of Two Cycles of BEP Regimen in High-Risk Stage I Nonseminomatous Testicular Germ Cell Tumors with Embryonal Carcinoma and/or Vascular Invasion*1. European Urology, 2004, 46, 209-215.	1.9	71
29	Testicular Size in Infertile Men: Relationship to Semen Characteristics and Hormonal Blood Levels. British Journal of Urology, 1989, 64, 632-637.	0.1	68
30	Insemination with isolated and virologically tested spermatozoa is a safe way for human immunodeficiency type 1 virus? Serodiscordant couples with an infected male partner to have a child. Fertility and Sterility, 2004, 82, 857-862.	1.0	64
31	Impact of Diagnostic Delay in Testis Cancer: Results of a Large Population-Based Study. European Urology, 2007, 52, 1710-1716.	1.9	63
32	Heat exposure as a hazard to male fertility. Lancet, The, 1996, 347, 204-205.	13.7	62
33	Impact of lymphoma treatments on spermatogenesis and sperm deoxyribonucleic acid: a multicenter prospective study from the CECOS network. Fertility and Sterility, 2014, 102, 667-674.e3.	1.0	62
34	Andrology: Clinical and biological characteristics of infertile men with a history of cryptorchidism. Human Reproduction, 1995, 10, 613-619.	0.9	60
35	Mild induced testicular and epididymal hyperthermia alters sperm chromatin integrity in men. Fertility and Sterility, 2012, 97, 546-553.	1.0	59
36	Hyperthermia and human spermatogenesis: enhancement of the inhibitory effect obtained by "artificial cryptorchidism". Journal of Developmental and Physical Disabilities, 1987, 10, 571-580.	3.6	58

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37	Intermittent detection of hepatitis C virus (HCV) in semen from men with human immunodeficiency virus type 1 (HIV-1) and HCV. Journal of Medical Virology, 2003, 69, 344-349.	5.0	56
38	Effect of male occupational heat exposure on time to pregnancy. Journal of Developmental and Physical Disabilities, 1997, 20, 274-278.	3.6	54
39	Increased oestradiol level in seminal plasma in infertile men. Human Reproduction, 1993, 8, 74-77.	0.9	52
40	Effects of artificial cryptorchidism on sperm morphology**Supported by grant 854017 from the Institut National de la Recherche Scientifique et MÃ©dicale.. Fertility and Sterility, 1987, 47, 150-155.	1.0	46
41	Selection bias in semen studies due to self-selection of volunteers. Human Reproduction, 2004, 19, 2838-2844.	0.9	45
42	Ribavirin and pegylated interferon treatment for hepatitis C was associated not only with semen alterations but also with sperm deoxyribonucleic acid fragmentation in humans. Fertility and Sterility, 2009, 91, 933.e17-933.e22.	1.0	43
43	Impact of Hodgkin or non-Hodgkin lymphoma and their treatments on sperm aneuploidy: a prospective study by the French CECOS network. Fertility and Sterility, 2017, 107, 341-350.e5.	1.0	42
44	Multicenter quality control of the detection of HIV-1 genome in semen before medically assisted procreation. Journal of Medical Virology, 2006, 78, 877-882.	5.0	41
45	Intermittent human immunodeficiency type 1 virus (HIV-1) shedding in semen and efficiency of sperm processing despite high seminal HIV-1 RNA levels. Fertility and Sterility, 2002, 78, 1321-1323.	1.0	40
46	Environmental, occupational and familial risks for testicular cancer: a hospital-based case-control study. Journal of Developmental and Physical Disabilities, 2007, 30, 222-229.	3.6	40
47	Sperm aneuploidy after testicular cancer treatment: data from a prospective multicenter study performed within the French Centre d'Ã©tude et de Conservation des Oeufs et du Sperme network. Fertility and Sterility, 2017, 107, 580-588.e1.	1.0	39
48	Kinetics of anti-ZIKV antibodies after Zika infection using two commercial enzyme-linked immunoassays. Diagnostic Microbiology and Infectious Disease, 2018, 90, 26-30.	1.8	37
49	Sperm aneuploidy and DNA fragmentation in unexplained recurrent pregnancy loss: a multicenter case-control study. Basic and Clinical Andrology, 2018, 28, 4.	1.9	37
50	Decrease of mitochondrial DNA level in sperm from patients infected with human immunodeficiency virus-1 linked to nucleoside analogue reverse transcriptase inhibitors. Fertility and Sterility, 2010, 94, 2151-2156.	1.0	34
51	Increased Levels of Serum Follicle-Stimulating Hormone and Luteinizing Hormone Associated With Intrinsic Testicular Hyperthermia in Oligospermic Infertile Men. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 419-425.	3.6	32
52	Mitotic chromosomal anomalies among infertile men. Human Reproduction, 1997, 12, 2337-2338.	0.9	31
53	Clinical characteristics and light and transmission electron microscopic sperm defects of infertile men with persistent unexplained asthenozoospermia. Fertility and Sterility, 1998, 70, 297-304.	1.0	31
54	Quantification by magnetic resonance spectroscopy of metabolites in seminal plasma able to differentiate different forms of azoospermia. Human Reproduction, 1998, 13, 132-135.	0.9	31

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55	Effect of Posture and Clothing on Scrotal Temperature in Fertile Men. Journal of Andrology, 2006, 28, 170-175.	2.0	31
56	Doubling of testicular cancer incidence rate over the last 20 years in southern France. Cancer Causes and Control, 2008, 19, 155-161.	1.8	29
57	Zika Virus Genital Tract Shedding in Infected Women of Childbearing age: Table 1.. Clinical Infectious Diseases, 2017, 64, 107-109.	5.8	29
58	Determining Seminal Plasma Human Immunodeficiency Virus Type 1 Load in the Context of Efficient Highly Active Antiretroviral Therapy. Journal of Clinical Microbiology, 2009, 47, 2883-2887.	3.9	28
59	Sperm Morphology in Fertile Men and Its Age Related Variation. Andrologia, 1988, 20, 121-128.	2.1	25
60	<scp>DNA</scp> fragmentation is higher in spermatozoa with chromosomally unbalanced content in men with a structural chromosomal rearrangement. Andrology, 2013, 1, 632-638.	3.5	25
61	Persistent differences in the antiviral effects of highly active antiretroviral therapy in the blood and male genital tract. Aids, 2008, 22, 1894-1896.	2.2	22
62	Sperm cephalic vacuoles: new arguments for their non acrosomal origin in two cases of total globozoospermia. Andrology, 2013, 1, 52-56.	3.5	21
63	Heat Induced Inhibition of Spermatogenesis in Man. Advances in Experimental Medicine and Biology, 1991, 286, 233-237.	1.6	21
64	Azoospermic HIV-1 infected patients wishing to have children: proposed strategy to reduce HIV-1 transmission risk during sperm retrieval and intracytoplasmic sperm injection: Case Report. Human Reproduction, 2007, 22, 2377-2381.	0.9	20
65	Mild experimental increase in testis and epididymis temperature in men: effects on sperm morphology according to spermatogenesis stages. Translational Andrology and Urology, 2019, 8, 651-665.	1.4	20
66	Ten-year variation in semen parameters and sperm deoxyribonucleic acid integrity in a healthy fertile man. Fertility and Sterility, 2006, 86, 1513.e11-1513.e18.	1.0	18
67	Impact des inhibiteurs nucléosidiques de la transcriptase inverse sur l'ADN mitochondrial et génomique des spermatozoïdes lors de l'Assistance Médicale à la Procréation. Gynécologie, Obstétrique & Fertilité, 2004, 32, 841-849.	0.7	17
68	Good efficiency of intrauterine insemination programme for serodiscordant couples with HIV-1 infected male partner: A retrospective comparative study. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2007, 135, 76-82.	1.1	17
69	In vitro assessment of the adverse effects of antiretroviral drugs on the human male gamete. Toxicology in Vitro, 2011, 25, 485-491.	2.4	17
70	Cumulative parenthood rates in 1735 couples: impact of male factor infertility. Human Reproduction, 2012, 27, 1184-1190.	0.9	17
71	Comparison of the effect of semen from HIV-infected and uninfected men on CD4+ T-cell infection. Aids, 2016, 30, 1197-1208.	2.2	16
72	Validation of an automated real-time PCR protocol for detection and quantitation of HIV and HCV genomes in semen. Journal of Virological Methods, 2006, 137, 156-159.	2.1	15

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73	Sperm freezing to address the risk of azoospermia on the day of ICSI. Human Reproduction, 2015, 30, 2486-2492.	0.9	15
74	The spectrum of renal involvement in male patients with infertility related to excretory-system abnormalities: phenotypes, genotypes, and genetic counseling. Journal of Nephrology, 2017, 30, 211-218.	2.0	15
75	Luteinizing hormone pulse frequency and in vitro bioactivity in male idiopathic infertility. Fertility and Sterility, 1991, 55, 612-618.	1.0	14
76	Functional testicular evaluation using PET/CT with 18F-fluorodeoxyglucose. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 129-137.	6.4	14
77	Treatment discontinuation in couples consulting for male infertility after failing to conceive. Fertility and Sterility, 2013, 99, 1319-1323.	1.0	14
78	FISH and tips: a large scale analysis of automated versus manual scoring for sperm aneuploidy detection. Basic and Clinical Andrology, 2013, 23, 13.	1.9	14
79	1 year after acute Zika virus infection in men. Lancet Infectious Diseases, The, 2020, 20, 25-26.	9.1	14
80	Choice of ART programme for serodiscordant couples with an HIV infected male partner. Human Reproduction, 2006, 21, 1332-1333.	0.9	13
81	Experimental mild increase in testicular temperature has drastic, but reversible, effect on sperm aneuploidy in men: A pilot study. Reproductive Biology, 2019, 19, 189-194.	1.9	13
82	Male partners of infertile couples with congenital unilateral absence of the vas deferens are mainly nonâ€azoospermic. Andrology, 2020, 8, 645-653.	3.5	13
83	Glycerophosphocholine in seminal plasma of fertile and infertile men. Journal of Developmental and Physical Disabilities, 1988, 11, 405-413.	3.6	12
84	Studying the impact of early life exposures to pesticides on the risk of testicular germ cell tumors during adulthood (TESTIS project): study protocol. BMC Cancer, 2014, 14, 563.	2.6	12
85	Multicenter assessment of HIVâ€1 RNA quantitation in semen in the CREAThE network. Journal of Medical Virology, 2012, 84, 183-187.	5.0	11
86	Long-term Zika virus infection of non-sperm cells in semen. Lancet Infectious Diseases, The, 2020, 20, 1371.	9.1	11
87	Patterns of residual HIV-1 RNA shedding in the seminal plasma of patients on effective antiretroviral therapy. Basic and Clinical Andrology, 2017, 27, 17.	1.9	10
88	A prospective study in male recipients of kidney transplantation reveals divergent patterns for inhibin B and testosterone secretions. Basic and Clinical Andrology, 2014, 24, 11.	1.9	9
89	Fertility preservation and sperm donation in transgender individuals: The current situation within the French CECOS network. Andrology, 2021, 9, 1790-1798.	3.5	9
90	Sperm DNA fragmentation after radioiodine treatment for differentiated thyroid cancer. Basic and Clinical Andrology, 2015, 25, 8.	1.9	9

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91	Establishing the safety profile of sperm washing followed by ART for the treatment of HIV discordant couples wishing to conceive. Human Reproduction, 2007, 22, 2793-2794.	0.9	8
92	Antiviral effect of maraviroc in semen: a case report. Antiviral Therapy, 2012, 17, 933-936.	1.0	8
93	People living with HIV and procreation: 30 years of progress from prohibition to freedom?. Human Reproduction, 2016, 31, 918-925.	0.9	8
94	SARS-CoV-2 and human reproduction: An open question. EclinicalMedicine, 2020, 25, 100473.	7.1	8
95	Domestic use of pesticides during early periods of development and risk of testicular germ cell tumors in adulthood: a French nationwide case-control study. Environmental Health, 2021, 20, 111.	4.0	7
96	Parenthood and separation in couples 6 years after their first infertility consultation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 198, 7-11.	1.1	6
97	Effects of Acute Dengue Infection on Sperm and Virus Clearance in Body Fluids of Men. Emerging Infectious Diseases, 2022, 28, .	4.3	6
98	Development of Leydig Cell Tumour in Association with Clomiphene Treatment for Oligozoospermia. British Journal of Urology, 1992, 69, 659-660.	0.1	5
99	Sperm cryopreservation incidence in men with testicular cancer: towards a stabilization in testicular cancer incidence? Results from the CECOS network. Basic and Clinical Andrology, 2018, 28, 11.	1.9	4
100	Upper and lower genital tract Zika virus screening in a large cohort of reproductive-age women during the Americas epidemic. Reproductive BioMedicine Online, 2019, 39, 624-632.	2.4	4
101	Scrotal Hyperthermia: Frequency in an Infertile Population and Associated Alterations in Testicular Function. Advances in Experimental Medicine and Biology, 1991, 286, 203-209.	1.6	4
102	Reproductive Options for HIV-Serodiscordant Couples. Perspectives on Sexual and Reproductive Health, 2002, 34, 104.	3.3	3
103	Collaborative digital platform France â€“ Cuba: oncorehabilitation in reproductive and sexual health. BMC Medical Education, 2021, 21, 337.	2.4	3
104	Lack of clinical and scientific evidence to justify the systematic use of ICSI in HIV-serodiscordant couples wishing to conceive where the male partner is infected. Fertility and Sterility, 2009, 91, e1-e2.	1.0	2
105	Heritable Disease and Sperm Donation. JAMA - Journal of the American Medical Association, 2010, 303, 617.	7.4	2
106	A study of aneuploidy and DNA fragmentation in spermatozoa of three men with sex chromosome mosaicism including a 45,X cell line. Human Fertility, 2015, 18, 96-99.	1.7	2
107	Decrease of spermatozoa with an unbalanced chromosome content after cell sorting in men carrying a structural chromosomal abnormality. Andrology, 2020, 8, 181-190.	3.5	2
108	Geographic variations in probability of pregnancy in four cities of France. Revue D'Epidemiologie Et De Sante Publique, 2006, 54, 55-60.	0.5	1

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109	Trying to avoid the transmission of human immunodeficiency virus particles in sperm ejaculates. Fertility and Sterility, 2007, 87, 1241.	1.0	1
110	Asthenospermie Et Flagelle Court. Biology of the Cell, 1992, 75, 266-266.	2.0	0
111	Cirug�a de la esterilidad masculina. EMC - Urolog�a, 2002, 34, 1-13.	0.0	0
112	Trente ann�es d��volution dans la prise en charge des personnes vivant avec le virus de l��immunod��ficiency humaine d��sirant devenir parents: un changement de paradigme. Bulletin De L'Academie Nationale De Medecine, 2017, 201, 281-296.	0.0	0