

Loredana M Gandini

List of Publications by Year in descending order

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90
papers

4,298
citations

101384

36
h-index

114278

63
g-index

91
all docs

91
docs citations

91
times ranked

4319
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of apoptotic DNA fragmentation in human spermatozoa. <i>Human Reproduction</i> , 2000, 15, 830-839.	0.4	256
2	A placebo-controlled double-blind randomized trial of the use of combined l-carnitine and l-acetyl-carnitine treatment in men with asthenozoospermia. <i>Fertility and Sterility</i> , 2004, 81, 1578-1584.	0.5	250
3	Use of carnitine therapy in selected cases of male factor infertility: a double-blind crossover trial. <i>Fertility and Sterility</i> , 2003, 79, 292-300.	0.5	238
4	Lipids of the sperm plasma membrane: from polyunsaturated fatty acids considered as markers of sperm function to possible scavenger therapy. <i>Human Reproduction Update</i> , 1996, 2, 246-256.	5.2	234
5	Fatty acid composition of spermatozoa and immature germ cells. <i>Molecular Human Reproduction</i> , 2000, 6, 226-231.	1.3	171
6	Mitochondrial membrane potential profile and its correlation with increasing sperm motility. <i>Fertility and Sterility</i> , 2011, 95, 2315-2319.	0.5	149
7	Effect of chemo- or radiotherapy on sperm parameters of testicular cancer patients. <i>Human Reproduction</i> , 2006, 21, 2882-2889.	0.4	132
8	Immunology and immunopathology of the male genital tract: Control and impairment of immune privilege in the testis and in semen. <i>Human Reproduction Update</i> , 2001, 7, 444-449.	5.2	114
9	Nuclear chromatin variations in human spermatozoa undergoing swim-up and cryopreservation evaluated by the flow cytometric sperm chromatin structure assay. <i>Molecular Human Reproduction</i> , 1999, 5, 29-37.	1.3	101
10	Effects of prolonged automobile driving on male reproductive function: A study among taxi drivers. , 1996, 30, 750-758.		98
11	Nicotine, Cotinine, and trans-3-Hydroxycotinine Levels in Seminal Plasma of Smokers. <i>Therapeutic Drug Monitoring</i> , 1993, 15, 358-363.	1.0	95
12	The role of antioxidant therapy in the treatment of male infertility: an overview. <i>Asian Journal of Andrology</i> , 2011, 13, 690-697.	0.8	94
13	Treatment with human, recombinant FSH improves sperm DNA fragmentation in idiopathic infertile men depending on the FSH receptor polymorphism p.N680S: a pharmacogenetic study. <i>Human Reproduction</i> , 2016, 31, 1960-1969.	0.4	91
14	Altered ultrastructure of mitochondrial membranes is strongly associated with unexplained asthenozoospermia. <i>Fertility and Sterility</i> , 2011, 95, 641-646.	0.5	85
15	Immunology and immunopathology of the male genital tract: Antisperm immunity in natural and assisted reproduction. <i>Human Reproduction Update</i> , 2001, 7, 450-456.	5.2	75
16	Fertility and semen quality of workers exposed to high temperatures in the ceramics industry. <i>Reproductive Toxicology</i> , 1992, 6, 517-523.	1.3	73
17	Lipoperoxidation damage of spermatozoa polyunsaturated fatty acids (PUFA): scavenger mechanisms and possible scavenger therapies. <i>Frontiers in Bioscience - Landmark</i> , 2000, 5, e1.	3.0	71
18	Polyunsaturated fatty acids of germ cell membranes, glutathione and blutathione-dependent enzyme-PHGPx: from basic to clinic. <i>Contraception</i> , 2002, 65, 301-304.	0.8	71

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19	Antioxidant Treatment Associated with Sildenafil Reduces Monocyte Activation and Markers of Endothelial Damage in Patients with Diabetic Erectile Dysfunction: A Double-Blind, Placebo-Controlled Study. <i>European Urology</i> , 2007, 52, 1768-1776.	0.9	69
20	Sperm DNA fragmentation in Italian couples with recurrent pregnancy loss. <i>Reproductive BioMedicine Online</i> , 2017, 34, 58-65.	1.1	68
21	Testicular cancer and Hodgkin's disease: evaluation of semen quality. <i>Human Reproduction</i> , 2003, 18, 796-801.	0.4	66
22	Influence of CAG Repeat Polymorphism on the Targets of Testosterone Action. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-12.	0.6	62
23	Effect of endogenous and exogenous hormones on testicular cancer: the epidemiological evidence. <i>International Journal of Developmental Biology</i> , 2013, 57, 255-263.	0.3	60
24	Exposure to polychlorinated biphenyls and hexachlorobenzene, semen quality and testicular cancer risk. <i>Journal of Endocrinological Investigation</i> , 2015, 38, 745-752.	1.8	59
25	The in-vitro effects of nicotine and cotinine on sperm motility. <i>Human Reproduction</i> , 1997, 12, 727-733.	0.4	57
26	Phosphatidylinositol 3-kinase inhibition enhances human sperm motility. <i>Human Reproduction</i> , 2001, 16, 1931-1937.	0.4	57
27	Sperm parameters after early left varicocele treatment. <i>Fertility and Sterility</i> , 1998, 69, 347-349.	0.5	54
28	Glutathione Therapy for Male Infertility. <i>Archives of Andrology</i> , 1992, 29, 65-68.	1.0	53
29	Native specific activity of glutathione peroxidase (GPx-1), phospholipid hydroperoxide glutathione peroxidase (PHGPx) and glutathione reductase (GR) does not differ between normo- and hypomotile human sperm samples. <i>Journal of Developmental and Physical Disabilities</i> , 2004, 27, 88-93.	3.6	53
30	High variability in results of semen analysis in andrology laboratories in Tuscany (Italy): the experience of an external quality control (<scp>EQC</scp>) programme. <i>Andrology</i> , 2013, 1, 401-407.	1.9	52
31	Is there a critical endometrioma size associated with reduced ovarian responsiveness in assisted reproduction techniques?. <i>Reproductive BioMedicine Online</i> , 2014, 29, 259-266.	1.1	52
32	Environmental Tobacco-Smoke - Nicotine and Cotinine Concentration in Semen. <i>Environmental Research</i> , 1995, 68, 69-72.	3.7	49
33	Treatment of sexual dysfunctions secondary to male infertility with sildenafil citrate. <i>Fertility and Sterility</i> , 2004, 81, 705-707.	0.5	49
34	Immature germ cell separation using a modified discontinuous Percoll gradient technique in human semen. <i>Human Reproduction</i> , 1999, 14, 1022-1027.	0.4	44
35	Sperm Cryopreservation: Effects on Chromatin Structure. <i>Advances in Experimental Medicine and Biology</i> , 2014, 791, 137-150.	0.8	43
36	Expression of a truncated form of KIT tyrosine kinase in human spermatozoa correlates with sperm DNA integrity. <i>Human Reproduction</i> , 2010, 25, 2188-2202.	0.4	42

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37	Ultrasonographic determination of caput epididymis diameter is strongly predictive of obstruction in the genital tract in azoospermic men with normal serum <scp>FSH</scp>. <i>Andrology</i> , 2013, 1, 133-138.	1.9	39
38	Enzymatic and immunochemical evaluation of phospholipid hydroperoxide glutathione peroxidase (PHGPx) in testes and epididymal spermatozoa of rats of different ages. <i>Journal of Developmental and Physical Disabilities</i> , 2002, 25, 72-83.	3.6	35
39	Laser Radiation and Motility Patterns of Human Sperm. <i>Archives of Andrology</i> , 1989, 23, 229-234.	1.0	34
40	Antisperm immunity in assisted reproduction. <i>Journal of Reproductive Immunology</i> , 2004, 62, 101-109.	0.8	34
41	Sumo1-ylation of human spermatozoa and its relationship with semen quality. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, 581-593.	3.6	34
42	Testicular cancer and sperm <scp>DNA</scp> damage: short- and long-term effects of antineoplastic treatment. <i>Andrology</i> , 2015, 3, 122-128.	1.9	34
43	Higher clusterin immunolabeling and sperm DNA damage levels in hypertensive men compared with controls. <i>Human Reproduction</i> , 2012, 27, 2267-2276.	0.4	33
44	Psychosocial factors and male seminal parameters. <i>Biological Psychology</i> , 2000, 53, 1-11.	1.1	31
45	HDL cholesterol is a strong determinant of endothelial progenitor cells in hypercholesterolemic subjects. <i>Microvascular Research</i> , 2010, 80, 274-279.	1.1	31
46	Antisperm Antibody Detection: 2. Clinical, Biological, and Statistical Correlation Between Methods. <i>American Journal of Reproductive Immunology</i> , 1997, 38, 224-230.	1.2	29
47	Differential expression of miRNAs in the seminal plasma and serum of testicular cancer patients. <i>Endocrine</i> , 2017, 57, 518-527.	1.1	27
48	Beta-chemokine receptors 5 and 3 are expressed on the head region of human spermatozoon. <i>FASEB Journal</i> , 2005, 19, 2048-2050.	0.2	26
49	Pre-receptorial regulation of steroid hormones in bone cells: Insights on glucocorticoid-induced osteoporosis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 108, 292-299.	1.2	26
50	Involvement of mitochondrial dysfunction in the adverse effect exerted by seminal plasma from men with spinal cord injury on sperm motility. <i>Andrology</i> , 2013, 1, 456-463.	1.9	26
51	Expression and localization of the sodium/iodide symporter (NIS) in testicular cells. <i>Endocrine</i> , 2011, 40, 35-40.	1.1	25
52	Circulating Monocyte Oxidative Activity is Increased in Patients With Type 2 Diabetes and Erectile Dysfunction. <i>Journal of Urology</i> , 2007, 177, 655-659.	0.2	24
53	PHGPx in spermatogenesis: how many functions?. <i>Contraception</i> , 2005, 72, 291-293.	0.8	23
54	Testicular tumors as a possible cause of antisperm autoimmune response. <i>Fertility and Sterility</i> , 2009, 91, 414-419.	0.5	23

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55	Androgen receptor polymorphisms and testicular cancer risk. <i>Andrology</i> , 2015, 3, 27-33.	1.9	23
56	News from the European Academy of Andrology Italian Pilot Study for an External Quality Control Scheme in Semen Analysis and Antisperm Antibodies Detection. <i>Journal of Developmental and Physical Disabilities</i> , 2000, 23, 1-3.	3.6	22
57	Psychosocial factors discriminate oligozoospermic from normozoospermic men. <i>Fertility and Sterility</i> , 2003, 79, 1571-1576.	0.5	22
58	Pesticide exposure and serum organochlorine residuals among testicular cancer patients and healthy controls. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2011, 46, 780-7.	0.7	22
59	DNA integrity in human sperm. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1997, 17, 97-102.	0.8	21
60	Follicular fluid and human granulosa cell cultures: Influence on sperm kinetic parameters, hyperactivation, and acrosome reaction. <i>Fertility and Sterility</i> , 1998, 69, 112-117.	0.5	21
61	HIV-1 chemokine co-receptor CCR5 is expressed on the surface of human spermatozoa. <i>Aids</i> , 2005, 19, 1424-1426.	1.0	21
62	Protamine-1 and -2 polymorphisms and gene expression in male infertility: an Italian study. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 882-8.	1.8	21
63	Sperm tail agenesis in a case of consanguinity. <i>Fertility and Sterility</i> , 2004, 81, 1688-1691.	0.5	18
64	Treatment of Erectile Dysfunction Due to C677T Mutation of the MTHFR Gene with Vitamin B6 and Folic acid in Patients Non Responders to PDE5i. <i>Journal of Sexual Medicine</i> , 2010, 7, 216-223.	0.3	18
65	Mice Overexpressing the Mitochondrial Phospholipid Hydroperoxide Glutathione Peroxidase in Male Germ Cells Show Abnormal Spermatogenesis and Reduced Fertility. <i>Endocrinology</i> , 2007, 148, 4302-4309.	1.4	17
66	Unilateral cryptorchidism corrected in prepubertal age: evaluation of sperm parameters, hormones, and antisperm antibodies in adult age. <i>Fertility and Sterility</i> , 1997, 67, 943-948.	0.5	15
67	Native specific activity of glutathione peroxidase (GPx), phospholipid hydroperoxide glutathione peroxidase (PHGPx) and glutathione reductase (GR) does not differ between normo- and hypomotile human sperm samples. <i>Journal of Developmental and Physical Disabilities</i> , 2004, 27, 88-93.	3.6	14
68	Activation of the immune system and sperm DNA fragmentation are associated with idiopathic oligoasthenoteratospermia in men with couple subfertility. <i>Fertility and Sterility</i> , 2011, 95, 2676-2679.e3.	0.5	13
69	Effects of a dietary supplement on chronic pelvic pain syndrome (Category IIIA), leucocytospermia and semen parameters. <i>Andrologia</i> , 2012, 44, 672-678.	1.0	12
70	Sperm glyceraldehyde 3-phosphate dehydrogenase gene expression in asthenozoospermic spermatozoa. <i>Asian Journal of Andrology</i> , 2017, 19, 409.	0.8	11
71	Study of Antisperm Antibodies Bound to the Sperm Cell Surface and Their Relationship to Circulating ASA. <i>American Journal of Reproductive Immunology</i> , 1995, 34, 375-380.	1.2	9
72	A prospective double blind placebo controlled cross over trial of carnitine therapy in selected cases of male infertility. <i>Fertility and Sterility</i> , 2002, 78, S68-S69.	0.5	9

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73	Semen quality in men with Y chromosome aberrations. Journal of Developmental and Physical Disabilities, 2011, 34, 453-460.	3.6	8
74	Hormone and genetic study in male to female transsexual patients. Journal of Endocrinological Investigation, 2013, 36, 550-7.	1.8	7
75	Postvasectomy Antisperm Immune Reaction after Testosterone-induced Azoospermia. British Journal of Urology, 1987, 59, 277-279.	0.1	6
76	Effects of a dietary supplement on cholesterol in subjects with moderate hypercholesterolemia. Clinica Terapeutica, 2013, 164, e147-50.	0.2	5
77	Statistical Andrology: Standard Semen Analysis and Computer-Assisted Sperm Motility Analysis. Archives of Andrology, 1993, 30, 105-110.	1.0	4
78	Case-control study of anthropometric measures and testicular cancer risk. Frontiers in Endocrinology, 2012, 3, 144.	1.5	4
79	Characterization of human sperm. Human Reproduction, 2002, 17, 842-842.	0.4	3
80	Cryopreservation of Spermatozoa. Endocrinology, 2017, , 1235-1250.	0.1	3
81	Scanning Electron Microscopy Patterns in the Antisperm Antibodies Detection With Immunobead Test. Archives of Andrology, 1987, 19, 159-160.	1.0	2
82	Are apolipoprotein E alleles correlated with semen quality?. Journal of Developmental and Physical Disabilities, 2012, 35, 714-719.	3.6	2
83	Antisperm Antibodies Detection with the Immunobead Test as Viewed by Tem. Archives of Andrology, 1988, 20, 261-265.	1.0	1
84	Crioconservazione del seme e del tessuto testicolare. L Endocrinologo, 2004, 5, 79-83.	0.0	1
85	Carnitine in Male Infertility. Trends in Andrology and Sexual Medicine, 2017, , 35-41.	0.1	1
86	Pathogenetical and Clinical Aspects of Antisperm Immunity. , 1999, , 242-255.		1
87	Spermiogramma: dalla corretta esecuzione alla valutazione clinica. L Endocrinologo, 2004, 5, 71-78.	0.0	0
88	The Infertile Male-2: Sperm Analysis. Medical Radiology, 2011, , 217-221.	0.0	0
89	Three-dimensional Power Doppler Vascularization in Women With Ovarian Endometriomas and Relationship With Associated Painful Symptoms. Journal of Ultrasound in Medicine, 2017, 36, 2271-2278.	0.8	0
90	Cryopreservation of Spermatozoa. Endocrinology, 2016, , 1-16.	0.1	0