Carlo Foresta

List of Publications by Year
in descending order

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312 papers	14,227 citations	16451 64 h-index	36028 97 g-index
316 all docs	316 docs citations	316 times ranked	10686 citing authors

#	Article	IF	Citations
1	Male infertility: role of genetic background. Reproductive BioMedicine Online, 2007, 14, 734-745.	2.4	413
2	Y Chromosome Microdeletions and Alterations of Spermatogenesis*. Endocrine Reviews, 2001, 22, 226-239.	20.1	347
3	Male Fertility Is Linked to the Selenoprotein Phospholipid Hydroperoxide Glutathione Peroxidase1. Biology of Reproduction, 2002, 67, 967-971.	2.7	234
4	Genetic causes of male infertility. Reproductive Toxicology, 2006, 22, 133-141.	2.9	233
5	Molecular and Clinical Characterization of Y Chromosome Microdeletions in Infertile Men: A 10-Year Experience in Italy. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 762-770.	3.6	229
6	Deletion and expression analysis of AZFa genes on the human Y chromosome revealed a major role for DBY in male infertility. Human Molecular Genetics, 2000, 9, 1161-1169.	2.9	227
7	Role of Hormones, Genes, and Environment in Human Cryptorchidism. Endocrine Reviews, 2008, 29, 560-580.	20.1	210
8	Sperm recovery and ICSI outcomes in Klinefelter syndrome: a systematic review and meta-analysis. Human Reproduction Update, 2017, 23, 265-275.	10.8	200
9	High-power microscopy for selecting spermatozoa for ICSI by physiological status. Reproductive BioMedicine Online, 2008, 17, 610-616.	2.4	165
10	A Novel Circulating Hormone of Testis Origin in Humans. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5952-5958.	3.6	157
11	Association of partial AZFc region deletions with spermatogenic impairment and male infertility. Journal of Medical Genetics, 2005, 42, 209-213.	3.2	154
12	Y Chromosome Microdeletions and Alterations of Spermatogenesis. , 2001, 22, 226-239.		154
13	Human male infertility and Y chromosome deletions: role of the AZF-candidate genes DAZ, RBM and DFFRY. Human Reproduction, 1999, 14, 1710-1716.	0.9	138
14	Genetic Abnormalities among Severely Oligospermic Men Who Are Candidates for Intracytoplasmic Sperm Injection. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 152-156.	3.6	135
15	The INSL3-LGR8/GREAT Ligand-Receptor Pair in Human Cryptorchidism. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4273-4279.	3.6	134
16	Sperm nuclear instability and staining with aniline blue: abnormal persistance of histones in spermatozoa in infertile men. Journal of Developmental and Physical Disabilities, 1992, 15, 330-337.	3.6	131
17	Guidelines for the appropriate use of genetic tests in infertile couples. European Journal of Human Genetics, 2002, 10, 303-312.	2.8	129
18	Male infertility and androgen receptor gene mutations: clinical features and identification of seven novel mutations. Clinical Endocrinology, 2006, 65, 606-610.	2.4	128

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19	Mutations in the Insulin-Like Factor 3 Receptor Are Associated With Osteoporosis. Journal of Bone and Mineral Research, 2008, 23, 683-693.	2.8	128
20	Effect of the male factor on the clinical outcome of intracytoplasmic sperm injection combined with preimplantation aneuploidy testing: observational longitudinal cohort study of 1,219 consecutive cycles. Fertility and Sterility, 2017, 108, 961-972.e3.	1.0	125
21	Genetic Alterations Associated With Cryptorchidism. JAMA - Journal of the American Medical Association, 2008, 300, 2271.	7.4	124
22	Human papillomavirus found in sperm head of young adult males affects the progressive motility. Fertility and Sterility, 2010, 93, 802-806.	1.0	123
23	Mechanism of Human Papillomavirus Binding to Human Spermatozoa and Fertilizing Ability of Infected Spermatozoa. PLoS ONE, 2011, 6, e15036.	2.5	122
24	Seminal and molecular evidence that sauna exposure affects human spermatogenesis. Human Reproduction, 2013, 28, 877-885.	0.9	122
25	Analysis of Meiosis in Intratesticular Germ Cells from Subjects Affected by Classic Klinefelterâ€™s Syndrome. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3807-3810.	3.6	120
26	The human Y chromosome's azoospermia factor b (AZFb) region: sequence, structure, and deletion analysis in infertile men. Journal of Medical Genetics, 2003, 40, 18-24.	3.2	120
27	Sperm viral infection and male infertility: focus on HBV, HCV, HIV, HPV, HSV, HCMV, and AAV. Journal of Reproductive Immunology, 2013, 100, 20-29.	1.9	113
28	Reduced Number of Circulating Endothelial Progenitor Cells in Hypogonadal Men. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4599-4602.	3.6	108
29	Vitamin D and chronic diseases: the current state of the art. Archives of Toxicology, 2017, 91, 97-107.	4.2	108
30	Twenty-four-hour monitoring of scrotal temperature in obese men and men with a varicocele as a mirror of spermatogenic function. Human Reproduction, 2015, 30, 1006-1013.	0.9	106
31	ROLE OF ANDROGENS IN ERECTILE FUNCTION. Journal of Urology, 2004, 171, 2358-2362.	0.4	104
32	Evidence for Osteocalcin Production by Adipose Tissue and Its Role in Human Metabolism. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3502-3506.	3.6	103
33	Clinical and prognostic significance of human papillomavirus DNA in the sperm or exfoliated cells of infertile patients and subjects with risk factors. Fertility and Sterility, 2010, 94, 1723-1727.	1.0	102
34	Endocrine Disruption of Androgenic Activity by Perfluoroalkyl Substances: Clinical and Experimental Evidence. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1259-1271.	3.6	102
35	Circulating endothelial progenitor cells in subjects with erectile dysfunction. International Journal of Impotence Research, 2005, 17, 288-290.	1.8	98
36	Assessment of testicular cytology by fine needle aspiration as a diagnostic parameter in the evaluation of the azoospermic subject. Fertility and Sterility, 1992, 57, 858-865.	1.0	96

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37	High Incidence of Sperm Sex Chromosomes Aneuploidies in Two Patients with Klinefelterâ€™s Syndrome. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 203-205.	3.6	95
38	<scp>HPV</scp>â€<scp>DNA</scp> sperm infection and infertility: from a systematic literature review to a possible clinical management proposal. Andrology, 2015, 3, 163-173.	3.5	95
39	Androgen receptor gene CAG and GGC repeat lengths in idiopathic male infertility. Molecular Human Reproduction, 2004, 10, 417-421.	2.8	93
40	Changes in Serum Insulin-Like Factor 3 during Normal Male Puberty. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3426-3431.	3.6	93
41	Association, prevalence, and clearance of human papillomavirus and antisperm antibodies in infected semen samples from infertile patients. Fertility and Sterility, 2013, 99, 125-131.e2.	1.0	92
42	Testosterone and Bone Loss in Klinefelter Syndrome. Hormone and Metabolic Research, 1983, 15, 56-57.	1.5	89
43	Treatment of male idiopathic infertility with recombinant human follicle-stimulating hormone: a prospective, controlled, randomized clinical study. Fertility and Sterility, 2005, 84, 654-661.	1.0	89
44	Toward a pharmacogenetic approach to male infertility: polymorphism of follicle-stimulating hormone beta-subunit promoter. Fertility and Sterility, 2011, 96, 1344-1349.e2.	1.0	89
45	In young men sperm telomere length is related to sperm number and parental age. Human Reproduction, 2013, 28, 3370-3376.	0.9	89
46	SARS-CoV-2 infection, male fertility and sperm cryopreservation: a position statement of the Italian Society of Andrology and Sexual Medicine (SIAMS) (SocietÃ Italiana di Andrologia e Medicina della) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.3	89
47	Use of recombinant human follicle-stimulating hormone in the treatment of male factor infertility. Fertility and Sterility, 2002, 77, 238-244.	1.0	88
48	Mutations in dynein genes in patients affected by isolated non-syndromic asthenozoospermia. Human Reproduction, 2008, 23, 1957-1962.	0.9	85
49	The response to FSH treatment in oligozoospermic men depends on FSH receptor gene polymorphisms. Journal of Developmental and Physical Disabilities, 2011, 34, 306-312.	3.6	85
50	High Incidence of Sperm Sex Chromosomes Aneuploidies in Two Patients with Klinefelter's Syndrome. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 203-205.	3.6	83
51	Bone Mineral Density and Testicular Failure: Evidence for a Role of Vitamin D 25-Hydroxylase in Human Testis. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E646-E652.	3.6	82
52	Testicular function and bone metabolismâ€"beyond testosterone. Nature Reviews Endocrinology, 2013, 9, 548-554.	9.6	82
53	Doppler ultrasound of the testis in azoospermic subjects as a parameter of testicular function. Human Reproduction, 1998, 13, 3090-3093.	0.9	79
54	Gender susceptibility to COVID-19: a review of the putative role of sex hormones and X chromosome. Journal of Endocrinological Investigation, 2021, 44, 951-956.	3.3	79

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55	T222P mutation of the insulin-like 3 hormone receptor LGR8 is associated with testicular maldescent and hinders receptor expression on the cell surface membrane. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E138-E144.	3.5	77
56	Sperm telomere length as a parameter of sperm quality in normozoospermic men. Human Reproduction, 2016, 31, 1158-1163.	0.9	77
57	Evidence for a Stimulatory Role of Follicle-Stimulating Hormone on the Spermatogonial Population in Adult Males. Fertility and Sterility, 1998, 69, 636-642.	1.0	75
58	Spontaneous fertility and inÂvitro fertilization outcome: new evidence of human papillomavirus sperm infection. Fertility and Sterility, 2016, 105, 65-72.e1.	1.0	75
59	Y Chromosome Microdeletions in Cryptorchidism and Idiopathic Infertility*. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3660-3665.	3.6	74
60	Circulating endothelial progenitor cells and endothelial function after chronic Tadalafil treatment in subjects with erectile dysfunction. International Journal of Impotence Research, 2006, 18, 484-488.	1.8	74
61	Detailed functional studies on androgen receptor mild mutations demonstrate their association with male infertility. Clinical Endocrinology, 2008, 68, 580-588.	2.4	73
62	INSL3/RXFP2 Signaling in Testicular Descent. Annals of the New York Academy of Sciences, 2009, 1160, 197-204.	3.8	70
63	Phthalates and heavy metals as endocrine disruptors in food: A study on pre-packed coffee products. Toxicology Reports, 2017, 4, 234-239.	3.3	70
64	Role of zinc trafficking in male fertility: from germ to sperm. Human Reproduction, 2014, 29, 1134-1145.	0.9	68
65	Y Chromosome Microdeletions in Cryptorchidism and Idiopathic Infertility. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3660-3665.	3.6	67
66	Assessment of testicular cytology by fine needle aspiration as a diagnostic parameter in the evaluation of the oligospermic subject. Fertility and Sterility, 1992, 58, 1028-1033.	1.0	66
67	Chromosome abnormalities in sperm of individuals with constitutional sex chromosomal abnormalities. Cytogenetic and Genome Research, 2005, 111, 310-316.	1.1	66
68	Heat Shock Protein and Heat Shock Factor Expression in Sperm: Relation to Oligozoospermia and Varicocele. Journal of Urology, 2010, 183, 1248-1252.	0.4	66
69	Characterization of HSFY, a novel AZFb gene on the Y chromosome with a possible role in human spermatogenesis. Molecular Human Reproduction, 2004, 10, 253-258.	2.8	64
70	Androgens stimulate endothelial progenitor cells through an androgen receptor-mediated pathway. Clinical Endocrinology, 2007, 68, 070907134102007-???.	2.4	64
71	Water and soil pollution as determinant of water and food quality/contamination and its impact on male fertility. Reproductive Biology and Endocrinology, 2019, 17, 4.	3.3	64
72	Consensus statement on diagnosis and clinical management of Klinefelter syndrome. Journal of Endocrinological Investigation, 2010, 33, 839-850.	3.3	62

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73	Androgen receptor gene CAG and GGC repeat lengths in cryptorchidism. European Journal of Endocrinology, 2005, 152, 419-425.	3.7	61
74	Expression of the PDE5 enzyme on human retinal tissue: new aspects of PDE5 inhibitors ocular side effects. Eye, 2008, 22, 144-149.	2.1	61
75	Human papillomavirus sperm infection and assisted reproduction: a dangerous hazard with a possible safe solution. Human Reproduction, 2012, 27, 967-973.	0.9	61
76	Influence of tumor necrosis factor Î± inhibitors on testicular function and semen in spondyloarthritis patients. Fertility and Sterility, 2014, 101, 359-365.	1.0	61
77	Sperm Count and Hypogonadism as Markers of General Male Health. European Urology Focus, 2021, 7, 205-213.	3.1	61
78	Diagnostic and clinical features in azoospermia. Clinical Endocrinology, 1995, 43, 537-543.	2.4	59
79	Spermatogenesis in Klinefelter syndrome. Journal of Endocrinological Investigation, 2010, 33, 789-793.	3.3	59
80	Non-neural phenotype of spinal and bulbar muscular atrophy: results from a large cohort of Italian patients. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 810-816.	1.9	59
81	The polymorphic polyglutamine repeat in the mitochondrial DNA polymerase Î³ gene is not associated with oligozoospermia. Journal of Endocrinological Investigation, 2006, 29, 1-4.	3.3	58
82	Bone Mass in Subjects with Klinefelter Syndrome: Role of Testosterone Levels and Androgen Receptor Gene CAG Polymorphism. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E739-E745.	3.6	58
83	Role of INSL3 and LGR8 in cryptorchidism and testicular functions. Reproductive BioMedicine Online, 2004, 9, 294-298.	2.4	57
84	Insulin-like factor 3 gene mutations in testicular dysgenesis syndrome: clinical and functional characterization. Molecular Human Reproduction, 2006, 12, 401-406.	2.8	57
85	Relaxin stimulates osteoclast differentiation and activation. Bone, 2010, 46, 504-513.	2.9	57
86	Deregulation of sertoli and leydig cells function in patients with klinefelter syndrome as evidenced by testis transcriptome analysis. BMC Genomics, 2015, 16, 156.	2.8	57
87	FSH in the treatment of oligozoospermia. Molecular and Cellular Endocrinology, 2000, 161, 89-97.	3.2	56
88	Osteoporosis in Klinefelter's syndrome. Molecular Human Reproduction, 2010, 16, 402-410.	2.8	56
89	PDE-5 inhibitor, Vardenafil, increases circulating progenitor cells in humans. International Journal of Impotence Research, 2005, 17, 377-380.	1.8	55
90	Epidemiology; diagnosis, and treatment of male hypogonadotropic hypogonadism. Journal of Endocrinological Investigation, 2009, 32, 934-938.	3.3	55

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91	Association of testicular germ cell tumor with polymorphisms in estrogen receptor and steroid metabolism genes. Endocrine-Related Cancer, 2010, 17, 17-25.	3.1	54
92	Mutational screening of NR5A1 gene encoding steroidogenic factor 1 in cryptorchidism and male factor infertility and functional analysis of seven undescribed mutations. Fertility and Sterility, 2015, 104, 163-169.e1.	1.0	54
93	Resumption of Spontaneous Erections in Selected Patients Affected by Erectile Dysfunction and Various Degrees of Carotid Wall Alteration: Role of Tadalafil. European Urology, 2005, 48, 326-332.	1.9	53
94	Male hypogonadism in cirrhosis and after liver transplantation. Journal of Endocrinological Investigation, 2008, 31, 470-478.	3.3	53
95	Prognostic value of Y deletion analysis: The role of current methods. Human Reproduction, 2001, 16, 1543-1547.	0.9	52
96	FSH receptor gene polymorphisms in fertile and infertile Italian men. Reproductive BioMedicine Online, 2006, 13, 795-800.	2.4	52
97	Insulinâ€like factor 3 as a marker of testicular function in obese men. Clinical Endocrinology, 2009, 71, 722-726.	2.4	52
98	Molecular analysis of the androgen receptor gene in testicular cancer. Endocrine-Related Cancer, 2005, 12, 645-655.	3.1	51
99	Role of vitamin D levels and vitamin D supplementation on bone mineral density in Klinefelter syndrome. Osteoporosis International, 2015, 26, 2193-2202.	3.1	51
100	The use of follicle stimulating hormone (FSH) for the treatment of the infertile man: position statement from the Italian Society of Andrology and Sexual Medicine (SIAMS). Journal of Endocrinological Investigation, 2018, 41, 1107-1122.	3.3	51
101	Human Papillomavirus Prophylactic Vaccination improves reproductive outcome in infertile patients with HPV semen infection: a retrospective study. Scientific Reports, 2018, 8, 912.	3.3	50
102	New genetic markers for male infertility. Current Opinion in Obstetrics and Gynecology, 2014, 26, 193-198.	2.0	47
103	Impact of perfluorochemicals on human health and reproduction: a maleâ€™s perspective. Journal of Endocrinological Investigation, 2018, 41, 639-645.	3.3	47
104	Paracrine and endocrine roles of insulin-like factor 3. Journal of Endocrinological Investigation, 2006, 29, 657-664.	3.3	46
105	Profiling Insulin Like Factor 3 (INSL3) Signaling in Human Osteoblasts. PLoS ONE, 2011, 6, e29733.	2.5	45
106	Human papillomavirus proteins are found in peripheral blood and semen Cd20+ and Cd56+ cells during Hpv-16 semen infection. BMC Infectious Diseases, 2013, 13, 593.	2.9	45
107	Telomere length: lights and shadows on their role in human reproduction. Biology of Reproduction, 2019, 100, 305-317.	2.7	45
108	Testosterone treatment in male patients with Klinefelter syndrome: a systematic review and meta-analysis. Journal of Endocrinological Investigation, 2020, 43, 1675-1687.	3.3	45

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109	Effect of Relaxin on Human Sperm Functions. Journal of Andrology, 2012, 33, 474-482.	2.0	44
110	Uncarboxylated Osteocalcin Stimulates 25-Hydroxy Vitamin D Production in Leydig Cell Line Through a GPRC6a-Dependent Pathway. Endocrinology, 2014, 155, 4266-4274.	2.8	44
111	Perfluorooctanoic acid alters progesterone activity in human endometrial cells and induces reproductive alterations in young women. Chemosphere, 2020, 242, 125208.	8.2	44
112	Erythropoietin stimulates testosterone production in man.. Journal of Clinical Endocrinology and Metabolism, 1994, 78, 753-756.	3.6	43
113	Novel insulin-like 3 (INSL3) gene mutation associated with human cryptorchidism. American Journal of Medical Genetics Part A, 2001, 103, 348-349.	2.4	43
114	Osteocalcin and Sex Hormone Binding Globulin Compete on a Specific Binding Site of GPRC6A. Endocrinology, 2016, 157, 4473-4486.	2.8	43
115	Semen washing procedures do not eliminate human papilloma virus sperm infection in infertile patients. Fertility and Sterility, 2011, 96, 1077-1082.	1.0	42
116	Perfluoro-octanoic acid impairs sperm motility through the alteration of plasma membrane. Journal of Endocrinological Investigation, 2020, 43, 641-652.	3.3	42
117	Insulin-Like Factor 3: A Novel Circulating Hormone of Testicular Origin in Humans. Annals of the New York Academy of Sciences, 2005, 1041, 497-505.	3.8	41
118	Relationship Between Vascular Damage Degrees and Endothelial Progenitor Cells in Patients with Erectile Dysfunction: Effect of Vardenafil Administration and PDE5 Expression in the Bone Marrow. European Urology, 2007, 51, 1411-1419.	1.9	41
119	Clinical and metabolic evaluation of subjects with erectile dysfunction: a review with a proposal flowchart. Journal of Developmental and Physical Disabilities, 2009, 32, 198-211.	3.6	40
120	Impaired Release of Vitamin D in Dysfunctional Adipose Tissue: New Cues on Vitamin D Supplementation in Obesity. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2564-2574.	3.6	40
121	Effects of endocrine disruptors on fetal testis development, male puberty, and transition age. Endocrine, 2021, 72, 358-374.	2.3	40
122	Management of male factor infertility: position statement from the Italian Society of Andrology and Sexual Medicine (SIAMS). Journal of Endocrinological Investigation, 2022, 45, 1085-1113.	3.3	40
123	Extracellular ATP activates different signalling pathways in rat Sertoli cells. Biochemical Journal, 1995, 311, 269-274.	3.7	39
124	Reduced artery diameters in Klinefelter syndrome. Journal of Developmental and Physical Disabilities, 2012, 35, 720-725.	3.6	39
125	Heat Sensing Receptor TRPV1 Is a Mediator of Thermotaxis in Human Spermatozoa. PLoS ONE, 2016, 11, e0167622.	2.5	39
126	Increased Cardiovascular Risk Associated with Chemical Sensitivity to Perfluoroâ€“Octanoic Acid: Role of Impaired Platelet Aggregation. International Journal of Molecular Sciences, 2020, 21, 399.	4.1	39

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127	Testis transcriptome analysis in male infertility: new insight on the pathogenesis of oligo-azoospermia in cases with and without AZFc microdeletion. BMC Genomics, 2010, 11, 401.	2.8	38
128	The role of human papillomavirus on sperm function. Current Opinion in Obstetrics and Gynecology, 2011, 23, 232-237.	2.0	38
129	How the human spermatozoa sense the oocyte: a new role of SDF1-CXCR4 signalling. Journal of Developmental and Physical Disabilities, 2011, 34, e554-e565.	3.6	38
130	Testis Transcriptome Modulation in Klinefelter Patients with Hypospermatogenesis. Scientific Reports, 2017, 7, 45729.	3.3	38
131	Inhibin B plasma concentrations in oligozoospermic subjects before and after therapy with follicle stimulating hormone. Human Reproduction, 1999, 14, 906-912.	0.9	37
132	Male Infertility Caused by a de Novo Partial Deletion of the DAZ Cluster on the Y Chromosome1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4069-4073.	3.6	37
133	Suppression of the high endogenous levels of plasma FSH in infertile men are associated with improved Sertoli cell function as reflected by elevated levels of plasma inhibin B. Human Reproduction, 2004, 19, 1431-1437.	0.9	37
134	The PDE5 Inhibitor Sildenafil Increases Circulating Endothelial Progenitor Cells and CXCR4 Expression. Journal of Sexual Medicine, 2009, 6, 369-372.	0.6	37
135	Cavernous Artery Intima-Media Thickness: A New Parameter in the Diagnosis of Vascular Erectile Dysfunction. Journal of Sexual Medicine, 2009, 6, 1117-1126.	0.6	37
136	Mutations in INSL3 and RXFP2 Genes in Cryptorchid Boys. Annals of the New York Academy of Sciences, 2009, 1160, 213-214.	3.8	37
137	Human papilloma virus in the sperm cryobank: an emerging problem?. Journal of Developmental and Physical Disabilities, 2011, 34, 242-246.	3.6	37
138	Molecular Karyotyping of Human Single Sperm by Array- Comparative Genomic Hybridization. PLoS ONE, 2013, 8, e60922.	2.5	37
139	SARSâ€CoVâ€2 in the semen: Where does it come from?. Andrology, 2021, 9, 39-41.	3.5	37
140	Testicular fine needle aspiration as a diagnostic tool in non-obstructive azoospermia. Asian Journal of Andrology, 2005, 7, 289-294.	1.6	35
141	Impact of Bep or Carboplatin Chemotherapy on Testicular Function and Sperm Nucleus of Subjects with Testicular Germ Cell Tumor. Frontiers in Pharmacology, 2016, 7, 122.	3.5	35
142	Polymorphism rs2274911 of GPRC6A as a Novel Risk Factor for Testis Failure. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 953-961.	3.6	35
143	Pollutants and sperm quality: a systematic review and meta-analysis. Environmental Science and Pollution Research, 2021, 28, 4095-4103.	5.3	35
144	Functional and cytologic features of the contralateral testis in cryptorchidism. Fertility and Sterility, 1996, 66, 624-629.	1.0	34

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145	Lack of the T54A polymorphism of the DAZL gene in infertile Italian patients. Molecular Human Reproduction, 2004, 10, 613-615.	2.8	34
146	Asymmetric development of peripheral atherosclerosis in patients with erectile dysfunction: An ultrasonographic study. Atherosclerosis, 2008, 197, 889-895.	0.8	34
147	Genetic and molecular diagnostics of male infertility in the clinical practice. Frontiers in Bioscience - Landmark, 2014, 19, 291.	3.0	34
148	HPV Prophylactic Vaccination in Males Improves the Clearance of Semen Infection. EBioMedicine, 2015, 2, 1487-1493.	6.1	34
149	DNA double strand breaks in human spermatozoa can be predictive for assisted reproductive outcome. Reproductive BioMedicine Online, 2015, 31, 100-107.	2.4	34
150	Late-onset hypogonadism: beyond testosterone. Asian Journal of Andrology, 2015, 17, 236.	1.6	34
151	The Klinefelter syndrome is associated with high recurrence of copy number variations on the X chromosome with a potential role in the clinical phenotype. Andrology, 2016, 4, 328-334.	3.5	34
152	FSH treatment in infertile males candidate to assisted reproduction improved sperm DNA fragmentation and pregnancy rate. Endocrine, 2017, 56, 416-425.	2.3	34
153	Testicular Cancer: Genes, Environment, Hormones. Frontiers in Endocrinology, 2019, 10, 408.	3.5	34
154	Risk behaviours and alcohol in adolescence are negatively associated with testicular volume: results from the Amicoâ€Andrologo survey. Andrology, 2019, 7, 769-777.	3.5	34
155	Different insulin-like 3 (INSL3) gene mutations not associated with human cryptorchidism. Journal of Endocrinological Investigation, 2001, 24, RC13-RC15.	3.3	33
156	Reduced Endothelial Progenitor Cell Number and Function in Inflammatory Bowel Disease: A Possible Link to the Pathogenesis. American Journal of Gastroenterology, 2009, 104, 2500-2507.	0.4	33
157	Testiculopathy and vitamin D insufficiency. Lancet, The, 2010, 376, 1301.	13.7	33
158	Y-chromosomal DNA haplotypes in infertile European males carrying Y-microdeletions. Journal of Endocrinological Investigation, 2000, 23, 671-676.	3.3	32
159	Impairment of human dopaminergic neurons at different developmental stages by perfluoro-octanoic acid (PFOA) and differential human brain areas accumulation of perfluoroalkyl chemicals. Environment International, 2022, 158, 106982.	10.0	32
160	Age-matched cavernous peak systolic velocity: a highly sensitive parameter in the diagnosis of arteriogenic erectile dysfunction. International Journal of Impotence Research, 2006, 18, 306-310.	1.8	31
161	New Roles for INSL3 in Adults. Annals of the New York Academy of Sciences, 2009, 1160, 215-218.	3.8	31
162	Endocrine disruption of vitamin D activity by perfluoro-octanoic acid (PFOA). Scientific Reports, 2020, 10, 16789.	3.3	31

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163	Is HPV the Novel Target in Male Idiopathic Infertility? A Systematic Review of the Literature. Frontiers in Endocrinology, 2021, 12, 643539.	3.5	29
164	Homeobox HOXA10 Gene Analysis in Cryptorchidism. Journal of Pediatric Endocrinology and Metabolism, 2004, 17, 41-5.	0.9	28
165	Relaxin and insulinâ€like peptide 3 in the musculoskeletal system: from bench to bedside. British Journal of Pharmacology, 2017, 174, 1015-1024.	5.4	28
166	The rs2274911 polymorphism in <scp>GPRC</scp>6A gene is associated with insulin resistance in normal weight and obese subjects. Clinical Endocrinology, 2017, 86, 185-191.	2.4	28
167	Bone density and risk of osteoporosis in Klinefelter syndrome. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 878-884.	1.5	27
168	Novel insights on testicular volume and testosterone replacement therapy in Klinefelter patients undergoing testicular sperm extraction. A retrospective clinical study. Clinical Endocrinology, 2018, 88, 711-718.	2.4	27
169	Identification of 22 susceptibility loci associated with testicular germ cell tumors. Nature Communications, 2021, 12, 4487.	12.8	27
170	Analysis of the DAZ gene family in cryptorchidism and idiopathic male infertility. Fertility and Sterility, 2004, 81, 1013-1018.	1.0	26
171	Platelets express and release osteocalcin and coâ€localize in human calcified atherosclerotic plaques. Journal of Thrombosis and Haemostasis, 2013, 11, 357-365.	3.8	26
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