

Carlo Foresta

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306
papers

11,050
citations

59
h-index

86
g-index

316
ext. papers

12,531
ext. citations

4.7
avg, IF

6.31
L-index

#	Paper	IF	Citations
306	Male infertility: role of genetic background. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 734-45	4	349
305	Y chromosome microdeletions and alterations of spermatogenesis. <i>Endocrine Reviews</i> , 2001 , 22, 226-39	27.2	296
304	Male fertility is linked to the selenoprotein phospholipid hydroperoxide glutathione peroxidase. <i>Biology of Reproduction</i> , 2002 , 67, 967-71	3.9	202
303	Molecular and clinical characterization of Y chromosome microdeletions in infertile men: a 10-year experience in Italy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 762-70	5.6	199
302	Genetic causes of male infertility. <i>Reproductive Toxicology</i> , 2006 , 22, 133-41	3.4	196
301	Role of hormones, genes, and environment in human cryptorchidism. <i>Endocrine Reviews</i> , 2008 , 29, 560-80	7.2	186
300	Deletion and expression analysis of AZFa genes on the human Y chromosome revealed a major role for DBY in male infertility. <i>Human Molecular Genetics</i> , 2000 , 9, 1161-9	5.6	174
299	High-power microscopy for selecting spermatozoa for ICSI by physiological status. <i>Reproductive BioMedicine Online</i> , 2008 , 17, 610-6	4	143
298	Sperm recovery and ICSI outcomes in Klinefelter syndrome: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2017 , 23, 265-275	15.8	132
297	A novel circulating hormone of testis origin in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 5952-8	5.6	131
296	Y Chromosome Microdeletions and Alterations of Spermatogenesis 2001 , 22, 226-239		129
295	Association of partial AZFc region deletions with spermatogenic impairment and male infertility. <i>Journal of Medical Genetics</i> , 2005 , 42, 209-13	5.8	124
294	The INSL3-LGR8/GREAT ligand-receptor pair in human cryptorchidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4273-9	5.6	120
293	Human male infertility and Y chromosome deletions: role of the AZF-candidate genes DAZ, RBM and DFFRY. <i>Human Reproduction</i> , 1999 , 14, 1710-6	5.7	118
292	Genetic abnormalities among severely oligospermic men who are candidates for intracytoplasmic sperm injection. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 152-6	5.6	112
291	Sperm nuclear instability and staining with aniline blue: abnormal persistence of histones in spermatozoa in infertile men. <i>Journal of Developmental and Physical Disabilities</i> , 1992 , 15, 330-7		111
290	Guidelines for the appropriate use of genetic tests in infertile couples. <i>European Journal of Human Genetics</i> , 2002 , 10, 303-12	5.3	109

289	Genetic alterations associated with cryptorchidism. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 2271-6	27.4	105
288	Analysis of meiosis in intratesticular germ cells from subjects affected by classic Klinefelter's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3807-10	5.6	104
287	Mutations in the insulin-like factor 3 receptor are associated with osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 683-93	6.3	103
286	Male infertility and androgen receptor gene mutations: clinical features and identification of seven novel mutations. <i>Clinical Endocrinology</i> , 2006 , 65, 606-10	3.4	102
285	Reduced number of circulating endothelial progenitor cells in hypogonadal men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4599-602	5.6	97
284	Human papillomavirus found in sperm head of young adult males affects the progressive motility. <i>Fertility and Sterility</i> , 2010 , 93, 802-6	4.8	95
283	Role of androgens in erectile function. <i>Journal of Urology</i> , 2004 , 171, 2358-62, quiz 2435	2.5	95
282	The human Y chromosome's azoospermia factor b (AZFb) region: sequence, structure, and deletion analysis in infertile men. <i>Journal of Medical Genetics</i> , 2003 , 40, 18-24	5.8	94
281	Seminal and molecular evidence that sauna exposure affects human spermatogenesis. <i>Human Reproduction</i> , 2013 , 28, 877-85	5.7	93
280	Mechanism of human papillomavirus binding to human spermatozoa and fertilizing ability of infected spermatozoa. <i>PLoS ONE</i> , 2011 , 6, e15036	3.7	92
279	Evidence for osteocalcin production by adipose tissue and its role in human metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3502-6	5.6	91
278	Sperm viral infection and male infertility: focus on HBV, HCV, HIV, HPV, HSV, HCMV, and AAV. <i>Journal of Reproductive Immunology</i> , 2013 , 100, 20-9	4.2	88
277	High incidence of sperm sex chromosomes aneuploidies in two patients with Klinefelter's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 203-5	5.6	87
276	Changes in serum insulin-like factor 3 during normal male puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3426-31	5.6	86
275	Circulating endothelial progenitor cells in subjects with erectile dysfunction. <i>International Journal of Impotence Research</i> , 2005 , 17, 288-90	2.3	86
274	Assessment of testicular cytology by fine needle aspiration as a diagnostic parameter in the evaluation of the azoospermic subject. <i>Fertility and Sterility</i> , 1992 , 57, 858-65	4.8	85
273	Vitamin D and chronic diseases: the current state of the art. <i>Archives of Toxicology</i> , 2017 , 91, 97-107	5.8	78
272	Clinical and prognostic significance of human papillomavirus DNA in the sperm or exfoliated cells of infertile patients and subjects with risk factors. <i>Fertility and Sterility</i> , 2010 , 94, 1723-7	4.8	78

271	Testosterone and bone loss in Klinefelter syndrome. <i>Hormone and Metabolic Research</i> , 1983 , 15, 56-7	3.1	78
270	Androgen receptor gene CAG and GGC repeat lengths in idiopathic male infertility. <i>Molecular Human Reproduction</i> , 2004 , 10, 417-21	4.4	74
269	Use of recombinant human follicle-stimulating hormone in the treatment of male factor infertility. <i>Fertility and Sterility</i> , 2002 , 77, 238-44	4.8	73
268	Twenty-four-hour monitoring of scrotal temperature in obese men and men with a varicocele as a mirror of spermatogenic function. <i>Human Reproduction</i> , 2015 , 30, 1006-13	5.7	71
267	High Incidence of Sperm Sex Chromosomes Aneuploidies in Two Patients with Klinefelter's Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 203-205	5.6	71
266	Toward a pharmacogenetic approach to male infertility: polymorphism of follicle-stimulating hormone beta-subunit promoter. <i>Fertility and Sterility</i> , 2011 , 96, 1344-1349.e2	4.8	70
265	Treatment of male idiopathic infertility with recombinant human follicle-stimulating hormone: a prospective, controlled, randomized clinical study. <i>Fertility and Sterility</i> , 2005 , 84, 654-61	4.8	70
264	Doppler ultrasound of the testis in azoospermic subjects as a parameter of testicular function. <i>Human Reproduction</i> , 1998 , 13, 3090-3	5.7	70
263	Mutations in dynein genes in patients affected by isolated non-syndromic asthenozoospermia. <i>Human Reproduction</i> , 2008 , 23, 1957-62	5.7	69
262	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. <i>Fertility and Sterility</i> , 2017 , 108, 961-972.e3	4.8	68
261	HPV-DNA sperm infection and infertility: from a systematic literature review to a possible clinical management proposal. <i>Andrology</i> , 2015 , 3, 163-73	4.2	68
260	Circulating endothelial progenitor cells and endothelial function after chronic Tadalafil treatment in subjects with erectile dysfunction. <i>International Journal of Impotence Research</i> , 2006 , 18, 484-8	2.3	66
259	Testicular function and bone metabolism--beyond testosterone. <i>Nature Reviews Endocrinology</i> , 2013 , 9, 548-54	15.2	65
258	Bone mineral density and testicular failure: evidence for a role of vitamin D 25-hydroxylase in human testis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E646-52	5.6	65
257	Assessment of testicular cytology by fine needle aspiration as a diagnostic parameter in the evaluation of the oligospermic subject. <i>Fertility and Sterility</i> , 1992 , 58, 1028-33	4.8	63
256	Endocrine Disruption of Androgenic Activity by Perfluoroalkyl Substances: Clinical and Experimental Evidence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1259-1271	5.6	63
255	Association, prevalence, and clearance of human papillomavirus and antisperm antibodies in infected semen samples from infertile patients. <i>Fertility and Sterility</i> , 2013 , 99, 125-131.e2	4.8	62
254	T222P mutation of the insulin-like 3 hormone receptor LGR8 is associated with testicular maldescent and hinders receptor expression on the cell surface membrane. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E138-44	6	62

253	Y chromosome microdeletions in cryptorchidism and idiopathic infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3660-5	5.6	62
252	Y Chromosome Microdeletions in Cryptorchidism and Idiopathic Infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3660-3665	5.6	62
251	The response to FSH treatment in oligozoospermic men depends on FSH receptor gene polymorphisms. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, 306-12		61
250	Evidence for a stimulatory role of follicle-stimulating hormone on the spermatogonial population in adult males. <i>Fertility and Sterility</i> , 1998 , 69, 636-42	4.8	61
249	In young men sperm telomere length is related to sperm number and parental age. <i>Human Reproduction</i> , 2013 , 28, 3370-6	5.7	59
248	INSL3/RXFP2 signaling in testicular descent. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1160, 197-204	6.5	59
247	Chromosome abnormalities in sperm of individuals with constitutional sex chromosomal abnormalities. <i>Cytogenetic and Genome Research</i> , 2005 , 111, 310-6	1.9	59
246	SARS-CoV-2 infection, male fertility and sperm cryopreservation: a position statement of the Italian Society of Andrology and Sexual Medicine (SIAMS) (Societ�Italiana di Andrologia e Medicina della Sessualit�). <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 1153-1157	5.2	58
245	Detailed functional studies on androgen receptor mild mutations demonstrate their association with male infertility. <i>Clinical Endocrinology</i> , 2008 , 68, 580-8	3.4	56
244	Androgen receptor gene CAG and GGC repeat lengths in cryptorchidism. <i>European Journal of Endocrinology</i> , 2005 , 152, 419-25	6.5	55
243	Heat shock protein and heat shock factor expression in sperm: relation to oligozoospermia and varicocele. <i>Journal of Urology</i> , 2010 , 183, 1248-52	2.5	54
242	Insulin-like factor 3 gene mutations in testicular dysgenesis syndrome: clinical and functional characterization. <i>Molecular Human Reproduction</i> , 2006 , 12, 401-6	4.4	54
241	Characterization of HSFY, a novel AZFb gene on the Y chromosome with a possible role in human spermatogenesis. <i>Molecular Human Reproduction</i> , 2004 , 10, 253-8	4.4	54
240	Diagnostic and clinical features in azoospermia. <i>Clinical Endocrinology</i> , 1995 , 43, 537-43	3.4	53
239	Spontaneous fertility and in vitro fertilization outcome: new evidence of human papillomavirus sperm infection. <i>Fertility and Sterility</i> , 2016 , 105, 65-72.e1	4.8	52
238	Role of zinc trafficking in male fertility: from germ to sperm. <i>Human Reproduction</i> , 2014 , 29, 1134-45	5.7	52
237	The polymorphic polyglutamine repeat in the mitochondrial DNA polymerase gamma gene is not associated with oligozoospermia. <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 1-4	5.2	52
236	Role of INSL3 and LGR8 in cryptorchidism and testicular functions. <i>Reproductive BioMedicine Online</i> , 2004 , 9, 294-8	4	52

235	PDE-5 inhibitor, Vardenafil, increases circulating progenitor cells in humans. <i>International Journal of Impotence Research</i> , 2005 , 17, 377-80	2.3	52
234	Influence of tumor necrosis factor β inhibitors on testicular function and semen in spondyloarthritis patients. <i>Fertility and Sterility</i> , 2014 , 101, 359-65	4.8	50
233	Androgens stimulate endothelial progenitor cells through an androgen receptor-mediated pathway. <i>Clinical Endocrinology</i> , 2008 , 68, 284-9	3.4	50
232	Phthalates and heavy metals as endocrine disruptors in food: A study on pre-packed coffee products. <i>Toxicology Reports</i> , 2017 , 4, 234-239	4.8	49
231	Human papillomavirus sperm infection and assisted reproduction: a dangerous hazard with a possible safe solution. <i>Human Reproduction</i> , 2012 , 27, 967-73	5.7	49
230	Expression of the PDE5 enzyme on human retinal tissue: new aspects of PDE5 inhibitors ocular side effects. <i>Eye</i> , 2008 , 22, 144-9	4.4	49
229	Association of testicular germ cell tumor with polymorphisms in estrogen receptor and steroid metabolism genes. <i>Endocrine-Related Cancer</i> , 2010 , 17, 17-25	5.7	48
228	Insulin-like factor 3 as a marker of testicular function in obese men. <i>Clinical Endocrinology</i> , 2009 , 71, 722-54	5.4	48
227	Bone mass in subjects with Klinefelter syndrome: role of testosterone levels and androgen receptor gene CAG polymorphism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E739-45	5.6	48
226	FSH receptor gene polymorphisms in fertile and infertile Italian men. <i>Reproductive BioMedicine Online</i> , 2006 , 13, 795-800	4	48
225	Osteoporosis in Klinefelter's syndrome. <i>Molecular Human Reproduction</i> , 2010 , 16, 402-10	4.4	46
224	Spermatogenesis in Klinefelter syndrome. <i>Journal of Endocrinological Investigation</i> , 2010 , 33, 789-93	5.2	46
223	Sperm telomere length as a parameter of sperm quality in normozoospermic men. <i>Human Reproduction</i> , 2016 , 31, 1158-63	5.7	46
222	Consensus statement on diagnosis and clinical management of Klinefelter syndrome. <i>Journal of Endocrinological Investigation</i> , 2010 , 33, 839-50	5.2	45
221	Male hypogonadism in cirrhosis and after liver transplantation. <i>Journal of Endocrinological Investigation</i> , 2008 , 31, 470-8	5.2	45
220	FSH in the treatment of oligozoospermia. <i>Molecular and Cellular Endocrinology</i> , 2000 , 161, 89-97	4.4	45
219	Non-neural phenotype of spinal and bulbar muscular atrophy: results from a large cohort of Italian patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 810-6	5.5	43
218	Relaxin stimulates osteoclast differentiation and activation. <i>Bone</i> , 2010 , 46, 504-13	4.7	43

217	Prognostic value of Y deletion analysis. The role of current methods. <i>Human Reproduction</i> , 2001 , 16, 1543-7	4.7	43
216	Mutational screening of NR5A1 gene encoding steroidogenic factor 1 in cryptorchidism and male factor infertility and functional analysis of seven undescribed mutations. <i>Fertility and Sterility</i> , 2015 , 104, 163-9.e1	4.8	42
215	Molecular analysis of the androgen receptor gene in testicular cancer. <i>Endocrine-Related Cancer</i> , 2005 , 12, 645-55	5.7	42
214	Water and soil pollution as determinant of water and food quality/contamination and its impact on male fertility. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 4	5	42
213	Gender susceptibility to COVID-19: a review of the putative role of sex hormones and X chromosome. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 951-956	5.2	42
212	Paracrine and endocrine roles of insulin-like factor 3. <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 657-64	5.2	41
211	Role of vitamin D levels and vitamin D supplementation on bone mineral density in Klinefelter syndrome. <i>Osteoporosis International</i> , 2015 , 26, 2193-202	5.3	40
210	Resumption of spontaneous erections in selected patients affected by erectile dysfunction and various degrees of carotid wall alteration: role of tadalafil. <i>European Urology</i> , 2005 , 48, 326-31; discussion 331-2	10.2	40
209	Profiling insulin like factor 3 (INSL3) signaling in human osteoblasts. <i>PLoS ONE</i> , 2011 , 6, e29733	3.7	39
208	Epidemiology, diagnosis, and treatment of male hypogonadotropic hypogonadism. <i>Journal of Endocrinological Investigation</i> , 2009 , 32, 934-8	5.2	39
207	Deregulation of sertoli and leydig cells function in patients with Klinefelter syndrome as evidenced by testis transcriptome analysis. <i>BMC Genomics</i> , 2015 , 16, 156	4.5	38
206	Novel insulin-like 3 (INSL3) gene mutation associated with human cryptorchidism. <i>American Journal of Medical Genetics Part A</i> , 2001 , 103, 348-349		38
205	Extracellular ATP activates different signalling pathways in rat Sertoli cells. <i>Biochemical Journal</i> , 1995 , 311 (Pt 1), 269-74	3.8	38
204	New genetic markers for male infertility. <i>Current Opinion in Obstetrics and Gynecology</i> , 2014 , 26, 193-8	2.4	37
203	Clinical and metabolic evaluation of subjects with erectile dysfunction: a review with a proposal flowchart. <i>Journal of Developmental and Physical Disabilities</i> , 2009 , 32, 198-211		37
202	Osteocalcin and Sex Hormone Binding Globulin Compete on a Specific Binding Site of GPRC6A. <i>Endocrinology</i> , 2016 , 157, 4473-4486	4.8	36
201	Human papillomavirus proteins are found in peripheral blood and semen Cd20+ and Cd56+ cells during HPV-16 semen infection. <i>BMC Infectious Diseases</i> , 2013 , 13, 593	4	35
200	Semen washing procedures do not eliminate human papilloma virus sperm infection in infertile patients. <i>Fertility and Sterility</i> , 2011 , 96, 1077-82	4.8	35

199	Testis transcriptome analysis in male infertility: new insight on the pathogenesis of oligo-azoospermia in cases with and without AZFc microdeletion. <i>BMC Genomics</i> , 2010 , 11, 401	4.5	35
198	Erythropoietin stimulates testosterone production in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 78, 753-6	5.6	35
197	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). <i>Journal of Endocrinological Investigation</i> , 2018 , 41, 1107-1122	5.2	34
196	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. <i>European Urology</i> , 2007 , 51, 1411-7; discussion 1417-9	10.2	34
195	Insulin-like factor 3: a novel circulating hormone of testicular origin in humans. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1041, 497-505	6.5	34
194	Male infertility caused by a de novo partial deletion of the DAZ cluster on the Y chromosome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4069-73	5.6	34
193	Uncarboxylated osteocalcin stimulates 25-hydroxy vitamin D production in Leydig cell line through a GPRC6a-dependent pathway. <i>Endocrinology</i> , 2014 , 155, 4266-74	4.8	33
192	The role of human papillomavirus on sperm function. <i>Current Opinion in Obstetrics and Gynecology</i> , 2011 , 23, 232-7	2.4	33
191	Impact of perfluorochemicals on human health and reproduction: a male's perspective. <i>Journal of Endocrinological Investigation</i> , 2018 , 41, 639-645	5.2	33
190	Reduced artery diameters in Klinefelter syndrome. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 720-5		32
189	Molecular karyotyping of human single sperm by array- comparative genomic hybridization. <i>PLoS ONE</i> , 2013 , 8, e60922	3.7	32
188	Human papilloma virus in the sperm cryobank: an emerging problem?. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, 242-6		32
187	How the human spermatozoa sense the oocyte: a new role of SDF1-CXCR4 signalling. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, e554-65		32
186	Functional and cytologic features of the contralateral testis in cryptorchidism. <i>Fertility and Sterility</i> , 1996 , 66, 624-9	4.8	32
185	Testicular fine needle aspiration as a diagnostic tool in non-obstructive azoospermia. <i>Asian Journal of Andrology</i> , 2005 , 7, 289-94	2.8	31
184	Polymorphism rs2274911 of GPRC6A as a Novel Risk Factor for Testis Failure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 953-61	5.6	30
183	Effect of relaxin on human sperm functions. <i>Journal of Andrology</i> , 2012 , 33, 474-82		30
182	The PDE5 inhibitor sildenafil increases circulating endothelial progenitor cells and CXCR4 expression. <i>Journal of Sexual Medicine</i> , 2009 , 6, 369-72	1.1	30

181	Sperm Count and Hypogonadism as Markers of General Male Health. <i>European Urology Focus</i> , 2021 , 7, 205-213	5.1	30
180	Impaired Release of Vitamin D in Dysfunctional Adipose Tissue: New Cues on Vitamin D Supplementation in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2564-2574	5.6	29
179	Human Papillomavirus Prophylactic Vaccination improves reproductive outcome in infertile patients with HPV semen infection: a retrospective study. <i>Scientific Reports</i> , 2018 , 8, 912	4.9	29
178	DNA double strand breaks in human spermatozoa can be predictive for assisted reproductive outcome. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 100-7	4	29
177	Reduced endothelial progenitor cell number and function in inflammatory bowel disease: a possible link to the pathogenesis. <i>American Journal of Gastroenterology</i> , 2009 , 104, 2500-7	0.7	29
176	Mutations in INSL3 and RXFP2 genes in cryptorchid boys. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1160, 213-4	6.5	29
175	Asymmetric development of peripheral atherosclerosis in patients with erectile dysfunction: an ultrasonographic study. <i>Atherosclerosis</i> , 2008 , 197, 889-95	3.1	29
174	Lack of the T54A polymorphism of the DAZL gene in infertile Italian patients. <i>Molecular Human Reproduction</i> , 2004 , 10, 613-5	4.4	29
173	Different insulin-like 3 (INSL3) gene mutations not associated with human cryptorchidism. <i>Journal of Endocrinological Investigation</i> , 2001 , 24, RC13-5	5.2	29
172	Impact of Bep or Carboplatin Chemotherapy on Testicular Function and Sperm Nucleus of Subjects with Testicular Germ Cell Tumor. <i>Frontiers in Pharmacology</i> , 2016 , 7, 122	5.6	29
171	The Klinefelter syndrome is associated with high recurrence of copy number variations on the X chromosome with a potential role in the clinical phenotype. <i>Andrology</i> , 2016 , 4, 328-34	4.2	28
170	New roles for INSL3 in adults. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1160, 215-8	6.5	28
169	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. <i>Human Reproduction</i> , 2004 , 19, 1431-7	5.7	28
168	Y-chromosomal DNA haplotypes in infertile European males carrying Y-microdeletions. <i>Journal of Endocrinological Investigation</i> , 2000 , 23, 671-6	5.2	28
167	Heat Sensing Receptor TRPV1 Is a Mediator of Thermotaxis in Human Spermatozoa. <i>PLoS ONE</i> , 2016 , 11, e0167622	3.7	28
166	Testiculopathy and vitamin D insufficiency. <i>Lancet, The</i> , 2010 , 376, 1301	4.0	27
165	Cavernous artery intima-media thickness: a new parameter in the diagnosis of vascular erectile dysfunction. <i>Journal of Sexual Medicine</i> , 2009 , 6, 1117-1126	1.1	27
164	FSH treatment in infertile males candidate to assisted reproduction improved sperm DNA fragmentation and pregnancy rate. <i>Endocrine</i> , 2017 , 56, 416-425	4	26

163	Genetic and molecular diagnostics of male infertility in the clinical practice. <i>Frontiers in Bioscience - Landmark</i> , 2014 , 19, 291-303	2.8	26
162	SARS-CoV-2 in the semen: Where does it come from?. <i>Andrology</i> , 2021 , 9, 39-41	4.2	26
161	Late-onset hypogonadism: beyond testosterone. <i>Asian Journal of Andrology</i> , 2015 , 17, 236-8	2.8	25
160	Bone density and risk of osteoporosis in Klinefelter syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011 , 100, 878-84	3.1	25
159	Testis Transcriptome Modulation in Klinefelter Patients with Hypospermatogenesis. <i>Scientific Reports</i> , 2017 , 7, 45729	4.9	24
158	Risk behaviours and alcohol in adolescence are negatively associated with testicular volume: results from the Amico-Andrologo survey. <i>Andrology</i> , 2019 , 7, 769-777	4.2	24
157	Age-matched cavernous peak systolic velocity: a highly sensitive parameter in the diagnosis of arteriogenic erectile dysfunction. <i>International Journal of Impotence Research</i> , 2006 , 18, 306-10	2.3	24
156	Inhibin B plasma concentrations in oligozoospermic subjects before and after therapy with follicle stimulating hormone. <i>Human Reproduction</i> , 1999 , 14, 906-12	5.7	24
155	HPV prophylactic vaccination in males improves the clearance of semen infection. <i>EBioMedicine</i> , 2015 , 2, 1487-93	8.8	23
154	Platelets express and release osteocalcin and co-localize in human calcified atherosclerotic plaques. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 357-65	15.4	23
153	The rs2274911 polymorphism in GPRC6A gene is associated with insulin resistance in normal weight and obese subjects. <i>Clinical Endocrinology</i> , 2017 , 86, 185-191	3.4	23
152	Analysis of the DAZ gene family in cryptorchidism and idiopathic male infertility. <i>Fertility and Sterility</i> , 2004 , 81, 1013-8	4.8	23
151	Telomere length: lights and shadows on their role in human reproduction. <i>Biology of Reproduction</i> , 2019 , 100, 305-317	3.9	23
150	Effects of type 5-phosphodiesterase inhibition on energy metabolism and mitochondrial biogenesis in human adipose tissue ex vivo. <i>Journal of Endocrinological Investigation</i> , 2011 , 34, 738-41	5.2	22
149	Homeobox HOXA10 gene analysis in cryptorchidism. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2004 , 17, 41-5	1.6	22
148	Erectile dysfunction: symptom or disease?. <i>Journal of Endocrinological Investigation</i> , 2004 , 27, 80-95	5.2	22
147	Testosterone treatment in male patients with Klinefelter syndrome: a systematic review and meta-analysis. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 1675-1687	5.2	21
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- 1 RS 2247911 polymorphism of GPRC6A gene and serum undercarboxylated-osteocalcin are associated with testis function.. *Journal of Endocrinological Investigation*, **2022**, 1 5.2