Csilla Krausz

List of Publications by Citations

131 papers	7,508 citations	52 h-index	84 g-index
159 ext. papers	8,725 ext. citations	5.7 avg, IF	6.29 L-index

#	Paper	IF	Citations
131	European Association of Urology guidelines on Male Infertility: the 2012 update. *European Urology*, **2012**, 62, 324-32	10.2	556
130	EAA/EMQN best practice guidelines for molecular diagnosis of y-chromosomal microdeletions. State of the art 2004. *Journal of Developmental and Physical Disabilities*, **2004**, 27, 240-9		335
129	Male infertility: pathogenesis and clinical diagnosis. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2011**, 25, 271-85	6.5	283
128	Genetics of male infertility. *Nature Reviews Urology*, **2018**, 15, 369-384	5.5	261
127	EAA/EMQN best practice guidelines for molecular diagnosis of Y-chromosomal microdeletions: state-of-the-art 2013. *Andrology*, **2014**, 2, 5-19	4.2	259
126	Prognostic value of Y deletion analysis: what is the clinical prognostic value of Y chromosome microdeletion analysis?. *Human Reproduction*, **2000**, 15, 1431-4	5.7	205
125	Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. *Genome Biology*, **2016**, 17, 243	18.3	166
124	Relationships between biochemical markers for residual sperm cytoplasm, reactive oxygen species generation, and the presence of leukocytes and precursor germ cells in human sperm suspensions. *Molecular Reproduction and Development*, **1994**, 39, 268-79	2.6	148
123	Extracellular signal-regulated kinases modulate capacitation of human spermatozoa. *Biology of Reproduction*, **1998**, 58, 1476-89	3.9	134
122	Extracellular calcium negatively modulates tyrosine phosphorylation and tyrosine kinase activity during capacitation of human spermatozoa. *Biology of Reproduction*, **1996**, 55, 207-16	3.9	134
121	Genetics of male infertility: from research to clinic. *Reproduction*, **2015**, 150, R159-74	3.8	132
120	The Y chromosome and male fertility and infertility. *Journal of Developmental and Physical Disabilities*, **2003**, 26, 70-5		130
119	Novel concepts in the aetiology of male reproductive impairment. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 544-553	18.1	126
118	Evaluation of 172 candidate polymorphisms for association with oligozoospermia or azoospermia in a large cohort of men of European descent. *Human Reproduction*, **2010**, 25, 1383-97	5.7	126
117	Y chromosome and male infertility: update, 2006. *Frontiers in Bioscience - Landmark*, **2006**, 11, 3049-61	2.8	124
116	Y-chromosome lineages trace diffusion of people and languages in southwestern Asia. *American Journal of Human Genetics*, **2001**, 68, 537-42	11	117
115	Gene polymorphisms/mutations relevant to abnormal spermatogenesis. *Reproductive BioMedicine Online*, **2008**, 16, 504-13	4	116

114	Clinical review 100: Evaluation and treatment of the infertile couple. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 4177-88	5.6	116
113	Identification and characterization of functional nongenomic progesterone receptors on human sperm membrane. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 877-85	5.6	116
112	Stimulation of oxidant generation by human sperm suspensions using phorbol esters and formyl peptides: relationships with motility and fertilization in vitro. *Fertility and Sterility*, **1994**, 62, 599-605	4.8	115
111	Natural transmission of USP9Y gene mutations: a new perspective on the role of AZFa genes in male fertility. *Human Molecular Genetics*, **2006**, 15, 2673-81	5.6	109
110	Intracellular calcium increase and acrosome reaction in response to progesterone in human spermatozoa are correlated with in-vitro fertilization. *Human Reproduction*, **1995**, 10, 120-4	5.7	102
109	Sex chromosome mosaicism in males carrying Y chromosome long arm deletions. *Human Reproduction*, **2000**, 15, 2559-62	5.7	100
108	Sperm recovery and ICSI outcomes in men with non-obstructive azoospermia: a systematic review and meta-analysis. *Human Reproduction Update*, **2019**, 25, 733-757	15.8	85
107	Partial AZFc deletions and duplications: clinical correlates in the Italian population. *Human Genetics*, **2008**, 124, 399-410	6.3	85
106	The gr/gr deletion(s): a new genetic test in male infertility?. *Journal of Medical Genetics*, **2005**, 42, 497-502	5.8	85
105	Klinefelter's syndrome: a clinical and therapeutical update. *Sexual Development*, **2010**, 4, 249-58	1.6	83
104	Effects of transmission of Y chromosome AZFc deletions. *Lancet, The*, **2002**, 360, 1222-4	40	83
103	Spermatogenic failure and the Y chromosome. *Human Genetics*, **2017**, 136, 637-655	6.3	80
102	European Academy of Andrology guideline Management of oligo-astheno-teratozoospermia. *Andrology*, **2018**, 6, 513-524	4.2	79
101	Stimulation of protein tyrosine phosphorylation by platelet-activating factor and progesterone in human spermatozoa. *Molecular and Cellular Endocrinology*, **1995**, 108, 35-42	4.4	78
100	Double-blind Y chromosome microdeletion analysis in men with known sperm parameters and reproductive hormone profiles: microdeletions are specific for spermatogenic failure. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 2638-42	5.6	76
99	Screening for microdeletions of Y chromosome genes in patients undergoing intracytoplasmic sperm injection. *Human Reproduction*, **1999**, 14, 1717-21	5.7	75
98	Concepts in diagnosis and therapy for male reproductive impairment. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 554-564	18.1	74
97	Genetic risk factors in male infertility. *Archives of Andrology*, **2007**, 53, 125-33		72

96	Sex Chromosome Genetics '99. Male infertility and the Y chromosome. *American Journal of Human Genetics*, **1999**, 64, 928-33	11	69
95	Development of a technique for monitoring the contamination of human semen samples with leukocytes. *Fertility and Sterility*, **1992**, 57, 1317-25	4.8	69
94	A high frequency of Y chromosome deletions in males with nonidiopathic infertility. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 3606-12	5.6	66
93	Novel insights into DNA methylation features in spermatozoa: stability and peculiarities. *PLoS ONE*, **2012**, 7, e44479	3.7	65
92	The association between varicocele, premature ejaculation and prostatitis symptoms: possible mechanisms. *Journal of Sexual Medicine*, **2009**, 6, 2878-87	1.1	63
91	Identification of a Y chromosome haplogroup associated with reduced sperm counts. *Human Molecular Genetics*, **2001**, 10, 1873-7	5.6	63
90	European Association of Urology guidelines on vasectomy. *European Urology*, **2012**, 61, 159-63	10.2	62
89	TSPY1 copy number variation influences spermatogenesis and shows differences among Y lineages. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4016-22	5.6	60
88	Treatment with human, recombinant FSH improves sperm DNA fragmentation in idiopathic infertile men depending on the FSH receptor polymorphism p.N680S: a pharmacogenetic study. *Human Reproduction*, **2016**, 31, 1960-9	5.7	59
87	High resolution X chromosome-specific array-CGH detects new CNVs in infertile males. *PLoS ONE*, **2012**, 7, e44887	3.7	59
86	Progesterone stimulates p42 extracellular signal-regulated kinase (p42erk) in human spermatozoa. *Molecular Human Reproduction*, **1998**, 4, 251-8	4.4	59
85	Phenotypic variation within European carriers of the Y-chromosomal gr/gr deletion is independent of Y-chromosomal background. *Journal of Medical Genetics*, **2009**, 46, 21-31	5.8	57
84	The clinical significance of the POLG gene polymorphism in male infertility. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4292-7	5.6	57
83	A High Frequency of Y Chromosome Deletions in Males with Nonidiopathic Infertility. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 3606-3612	5.6	57
82	Estrogen receptor alpha promoter polymorphism: stronger estrogen action is coupled with lower sperm count. *Human Reproduction*, **2006**, 21, 994-1001	5.7	55
81	Clinical relevance of Y-linked CNV screening in male infertility: new insights based on the 8-year experience of a diagnostic genetic laboratory. *European Journal of Human Genetics*, **2014**, 22, 754-61	5.3	53
80	Y chromosome polymorphisms in medicine. *Annals of Medicine*, **2004**, 36, 573-83	1.5	47
79	Genetic aspects of testicular germ cell tumors. *Cell Cycle*, **2008**, 7, 3519-24	4.7	44

78	Molecular analysis of estrogen receptor alpha gene AGATA haplotype and SNP12 in European populations: potential protective effect for cryptorchidism and lack of association with male infertility. *Human Reproduction*, **2007**, 22, 444-9	5.7	44
77	Double-Blind Y Chromosome Microdeletion Analysis in Men with Known Sperm Parameters and Reproductive Hormone Profiles: Microdeletions Are Specific for Spermatogenic Failure. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 2638-2642	5.6	43
76	Y chromosome and male infertility. *Frontiers in Bioscience - Landmark*, **1999**, 4, E1-8	2.8	42
75	Small variations in crucial steps of TUNEL assay coupled to flow cytometry greatly affect measures of sperm DNA fragmentation. *Journal of Andrology*, **2010**, 31, 336-45		41
74	DAZL polymorphisms and susceptibility to spermatogenic failure: an example of remarkable ethnic differences. *Journal of Developmental and Physical Disabilities*, **2004**, 27, 375-81		41
73	Inhibin B: a marker for the functional state of the seminiferous epithelium in patients with azoospermia factor C microdeletions. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 5618-24	5.6	41
72	The human Y chromosome: function, evolution and disease. *Forensic Science International*, **2001**, 118, 169-81	2.6	39
71	Testing for genetic contributions to infertility: potential clinical impact. *Expert Review of Molecular Diagnostics*, **2018**, 18, 331-346	3.8	38
70	Semen cryopreservation for men banking for oligospermia, cancers, and other pathologies: prediction of post-thaw outcome using basal semen quality. *Fertility and Sterility*, **2013**, 100, 1555-63.e1-3	4.8	38
69	Genetic control of spermiogenesis: insights from the CREM gene and implications for human infertility. *Reproductive BioMedicine Online*, **2005**, 10, 64-71	4	37
68	The human Y chromosome and male infertility. *Results and Problems in Cell Differentiation*, **2000**, 28, 211-32	1.4	37
67	Sequencing of a 'mouse azoospermia' gene panel in azoospermic men: identification of RNF212 and STAG3 mutations as novel genetic causes of meiotic arrest. *Human Reproduction*, **2019**, 34, 978-988	5.7	36
66	Actions of progesterone on human sperm: a model of non-genomic effects of steroids. *Journal of Steroid Biochemistry and Molecular Biology*, **1995**, 53, 199-203	5.1	36
65	The Y chromosome-linked copy number variations and male fertility. *Journal of Endocrinological Investigation*, **2011**, 34, 376-82	5.2	35
64	Y chromosome and male infertility. *Frontiers in Bioscience - Landmark*, **1999**, 4, e1-8	2.8	35
63	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	5.2	34
62	Recurrent X chromosome-linked deletions: discovery of new genetic factors in male infertility. *Journal of Medical Genetics*, **2014**, 51, 340-4	5.8	34
61	The relationship between Y chromosome DNA haplotypes and Y chromosome deletions leading to male infertility. *Human Genetics*, **2001**, 108, 55-8	6.3	33

60	Genetic testing and counselling for male infertility. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2014**, 21, 244-50	4	30
59	Progesterone-stimulated intracellular calcium increase in human spermatozoa is protein kinase C-independent. *Molecular Human Reproduction*, **1998**, 4, 259-68	4.4	30
58	Genetic dissection of spermatogenic arrest through exome analysis: clinical implications for the management of azoospermic men. *Genetics in Medicine*, **2020**, 22, 1956-1966	8.1	30
57	Y-chromosome haplogroups and susceptibility to azoospermia factor c microdeletion in an Italian population. *Journal of Medical Genetics*, **2007**, 44, 205-8	5.8	29
56	Short-term FSH treatment and sperm maturation: a prospective study in idiopathic infertile men. *Andrology*, **2017**, 5, 414-422	4.2	28
55	Nongenomic actions of progesterone on human spermatozoa. *Trends in Endocrinology and Metabolism*, **1995**, 6, 198-205	8.8	28
54	Comprehensive investigation in patients affected by sperm macrocephaly and globozoospermia. *Andrology*, **2015**, 3, 203-12	4.2	26
53	Sperm cryopreservation in male infertility due to genetic disorders. *Cell and Tissue Banking*, **2006**, 7, 105-12	2	25
52	From exome analysis in idiopathic azoospermia to the identification of a high-risk subgroup for occult Fanconi anemia. *Genetics in Medicine*, **2019**, 21, 189-194	8.1	23
51	The leucine-rich repeat-containing G protein-coupled receptor 8 gene T222P mutation does not cause cryptorchidism. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 1072-6	5.6	22
50	Y chromosome and male infertility. *Andrologia*, **2005**, 37, 219-23	2.4	22
49	Y chromosome microdeletions in 'fertile' males. *Human Reproduction*, **2001**, 16, 1306-7	5.7	21
48	Benefits of Empiric Nutritional and Medical Therapy for Semen Parameters and Pregnancy and Live Birth Rates in Couples with Idiopathic Infertility: A Systematic Review and Meta-analysis. *European Urology*, **2019**, 75, 615-625	10.2	21
47	Impact of Metabolically Healthy Obesity in Patients with Andrological Problems. *Journal of Sexual Medicine*, **2019**, 16, 821-832	1.1	20
46	TSPY and Male Fertility. *Genes*, **2010**, 1, 308-16	4.2	20
45	Partial AZFc deletions in infertile men with cryptorchidism. *Human Reproduction*, **2007**, 22, 2398-403	5.7	19
44	Simultaneous measurement of sperm LDH, LDH-X, CPK activities and ATP content in normospermic and oligozoospermic men. *Journal of Developmental and Physical Disabilities*, **1994**, 17, 13-8		19
43	Varicocele and infertility. *Journal of Endocrinological Investigation*, **2003**, 26, 564-9	5.2	18

42	Difficulties in achieving vs maintaining erection: organic, psychogenic and relational determinants. *International Journal of Impotence Research*, **2005**, 17, 252-8	2.3	18
41	The European Academy of Andrology (EAA) ultrasound study on healthy, fertile men: Scrotal ultrasound reference ranges and associations with clinical, seminal, and biochemical characteristics. *Andrology*, **2021**, 9, 559-576	4.2	18
40	X chromosome-linked CNVs in male infertility: discovery of overall duplication load and recurrent, patient-specific gains with potential clinical relevance. *PLoS ONE*, **2014**, 9, e97746	3.7	15
39	Preconception genome medicine: current state and future perspectives to improve infertility diagnosis and reproductive and health outcomes based on individual genomic data. *Human Reproduction Update*, **2021**, 27, 254-279	15.8	15
38	The X chromosome and male infertility. *Human Genetics*, **2021**, 140, 203-215	6.3	14
37	Evaluation of sperm DNA quality in men presenting with testicular cancer and lymphoma using alkaline and neutral Comet assays. *Andrology*, **2018**, 6, 230-235	4.2	13
36	Germline prokineticin receptor 2 (PROKR2) variants associated with central hypogonadism cause differental modulation of distinct intracellular pathways. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E458-63	5.6	13
35	Genomic changes in spermatozoa of the aging male. *Advances in Experimental Medicine and Biology*, **2014**, 791, 13-26	3.6	13
34	The European Academy of Andrology (EAA) ultrasound study on healthy, fertile men: clinical, seminal and biochemical characteristics. *Andrology*, **2020**, 8, 1005-1020	4.2	12
33	Y-chromosome microdeletions are not associated with SHOX haploinsufficiency. *Human Reproduction*, **2013**, 28, 3155-60	5.7	12
32	Further insights into the role of T222P variant of RXFP2 in non-syndromic cryptorchidism in two Mediterranean populations. *Journal of Developmental and Physical Disabilities*, **2011**, 34, 333-8		12
31	Seladin-1 and testicular germ cell tumours: new insights into cisplatin responsiveness. *Journal of Pathology*, **2009**, 219, 491-500	9.4	11
30	Somatotropic-Testicular Axis: A crosstalk between GH/IGF-I and gonadal hormones during development, transition, and adult age. *Andrology*, **2021**, 9, 168-184	4.2	10
29	Genetics of Azoospermia. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	8
28	Subspecialty training in andrology. *Fertility and Sterility*, **2015**, 104, 12-5	4.8	7
27	Age-Dependent De Novo Mutations During Spermatogenesis and Their Consequences. *Advances in Experimental Medicine and Biology*, **2019**, 1166, 29-46	3.6	7
26	gr/gr deletion predisposes to testicular germ cell tumour independently from altered spermatogenesis: results from the largest European study. *European Journal of Human Genetics*, **2019**, 27, 1578-1588	5.3	6
25	Management of male factor infertility: position statement from the Italian Society of Andrology and Sexual Medicine (SIAMS) : Endorsing Organization: Italian Society of Embryology, Reproduction, and Research (SIERR).. *Journal of Endocrinological Investigation*, **2022**, 1	5.2	6

24	Genetics of ncHH: from a peculiar inheritance of a novel GNRHR mutation to a comprehensive review of the literature. *Andrology*, **2019**, 7, 88-101	4.2	6
23	ESR1 promoter polymorphism is not associated with nonsyndromic cryptorchidism. *Fertility and Sterility*, **2011**, 95, 369-71, 371.e1-2	4.8	5
22	AZFc deletion detected in a newborn with prenatally diagnosed Yq deletion. *Prenatal Diagnosis*, **2001**, 21, 253-5	3.2	5
21	Monogenic Forms of Male Infertility. *Experientia Supplementum (2012)*, **2019**, 111, 341-366	2.2	5
20	Short anogenital distance is associated with testicular germ cell tumour development. *Andrology*, **2020**, 8, 1770-1778	4.2	4
19	Discrimination of Deletion and Duplication Subtypes of the Deleted in Azoospermia Gene Family in the Context of Frequent Interloci Gene Conversion. *PLoS ONE*, **2016**, 11, e0163936	3.7	4
18	Genetic Factors of Non-Obstructive Azoospermia: Consequences on Patients' and Offspring Health. *Journal of Clinical Medicine*, **2021**, 10,	5.1	4
17	Need for standardization and confirmation of STS deletions on the Y chromosome. *Fertility and Sterility*, **2008**, 90, 463-4; author reply 464	4.8	2
16	Polymorphisms and Male Infertility **2007**, 275-289		2
15	Chromosome Abnormalities and the Infertile Male **2020**, 28-40		1
14	Genetic Testing of Male Infertility **2010**, 431-444		1
13	Genetics of Male Infertility **2013**, 1-18		0
12	Genetics of Male Infertility **2022**, 121-147		0
11	Genetics of Male Infertility **2019**, 821-830		
10	Genetic Analysis in Male Infertility. *Endocrinology*, **2017**, 517-533	0.1	
9	La diagnosi genetica pre-impianto: stato dell□rte. *L Endocrinologo*, **2015**, 16, 167-172	0	
8	Reply: Y-chromosome microdeletions are not associated with SHOX haploinsufficiency. *Human Reproduction*, **2014**, 29, 1114-5	5.7	
7	Infertilit□maschile: aspetti patogenetici e clinici. *L Endocrinologo*, **2013**, 14, 50-56	0	

List of Publications

6	Tumori testicolari: aspetti eziopatogenetici. *L Endocrinologo*, **2013**, 14, 148-154	0
5	The Infertile Male-3: Endocrinological Evaluation. *Medical Radiology*, **2011**, 223-240	0.2
4	La fertilit nella sindrome di Klinefelter: implicazioni pratiche e terapia. *L Endocrinologo*, **2006**, 7, 32-39	0
3	Inquadramento diagnostico dell infertilit maschile. *L Endocrinologo*, **2001**, 2, 1-7	0
2	FSH Treatment in Male Infertility **2020**, 95-105	
1	Genetic Analysis in Male Infertility. *Endocrinology*, **2017**, 1-17	0.1