Csilla Krausz

List of Publications by Year
in descending order

151 papers	10,133 citations	30070 54 h-index	37204 96 g-index
159 all docs	159 docs citations	159 times ranked	6501 citing authors

#	Article	IF	Citations
1	European Association of Urology Guidelines on Male Infertility: The 2012 Update. European Urology, 2012, 62, 324-332.	1.9	730
2	Genetics of male infertility. Nature Reviews Urology, 2018, 15, 369-384.	3.8	522
3	EAA/EMQN best practice guidelines for molecular diagnosis of yâ€chromosomal microdeletions. State of the art 2004. Journal of Developmental and Physical Disabilities, 2004, 27, 240-249.	3.6	396
4	Male infertility: Pathogenesis and clinical diagnosis. Best Practice and Research in Clinical Endocrinology and Metabolism, 2011, 25, 271-285.	4.7	389
5	<scp>EAA</scp>/<scp>EMQN</scp> best practice guidelines for molecular diagnosis of Yâ€chromosomal microdeletions: stateâ€ofâ€theâ€art 2013. Andrology, 2014, 2, 5-19.	3.5	356
6	Prognostic value of Y deletion analysis. Human Reproduction, 2000, 15, 1431-1434.	0.9	255
7	Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. Genome Biology, 2016, 17, 243.	8.8	241
8	Novel concepts in the aetiology of male reproductive impairment. Lancet Diabetes and Endocrinology,the, 2017, 5, 544-553.	11.4	207
9	Sperm recovery and ICSI outcomes in men with non-obstructive azoospermia: a systematic review and meta-analysis. Human Reproduction Update, 2019, 25, 733-757.	10.8	187
10	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, 268-279.	2.0	178
11	Genetics of male infertility: from research to clinic. Reproduction, 2015, 150, R159-R174.	2.6	166
12	The Y chromosome and male fertility and infertility1. Journal of Developmental and Physical Disabilities, 2003, 26, 70-75.	3.6	164
13	European Academy of Andrology guideline Management of oligoâ€asthenoâ€teratozoospermia. Andrology, 2018, 6, 513-524.	3.5	161
14	Extracellular Calcium Negatively Modulates Tyrosine Phosphorylation and Tyrosine Kinase Activity during Capacitation of Human Spermatozoa1. Biology of Reproduction, 1996, 55, 207-216.	2.7	154
15	Y chromosome and male infertility: Update, 2006. Frontiers in Bioscience - Landmark, 2006, 11, 3049.	3.0	154
16	Evaluation of 172 candidate polymorphisms for association with oligozoospermia or azoospermia in a large cohort of men of European descent. Human Reproduction, 2010, 25, 1383-1397.	0.9	148
17	Evaluation and Treatment of the Infertile Couple1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4177-4188.	3.6	143
18	Extracellular Signal-Regulated Kinases Modulate Capacitation of Human Spermatozoa1. Biology of Reproduction, 1998, 58, 1476-1489.	2.7	143

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19	Gene polymorphisms/mutations relevant to abnormal spermatogenesis. Reproductive BioMedicine Online, 2008, 16, 504-513.	2.4	138
20	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.	1.0	135
21	Identification and Characterization of Functional Nongenomic Progesterone Receptors on Human Sperm Membrane1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 877-885.	3.6	131
22	Y-Chromosome Lineages Trace Diffusion of People and Languages in Southwestern Asia. American Journal of Human Genetics, 2001, 68, 537-542.	6.2	131
23	Natural transmission of USP9Y gene mutations: a new perspective on the role of AZFa genes in male fertility. Human Molecular Genetics, 2006, 15, 2673-2681.	2.9	126
24	Sex chromosome mosaicism in males carrying Y chromosome long arm deletions. Human Reproduction, 2000, 15, 2559-2562.	0.9	124
25	Spermatogenic failure and the Y chromosome. Human Genetics, 2017, 136, 637-655.	3.8	122
26	Intracellular calcium increase and acrosome reaction in response to progesterone in human spermatozoa are correlated with in-vitro fertilization. Human Reproduction, 1995, 10, 120-124.	0.9	118
27	Concepts in diagnosis and therapy for male reproductive impairment. Lancet Diabetes and Endocrinology,the, 2017, 5, 554-564.	11.4	115
28	Effects of transmission of Y chromosome AZFc deletions. Lancet, The, 2002, 360, 1222-1224.	13.7	106
29	The gr/gr deletion(s): a new genetic test in male infertility?. Journal of Medical Genetics, 2005, 42, 497-502.	3.2	105
30	Klinefelterâ€™s Syndrome: A Clinical and Therapeutical Update. Sexual Development, 2010, 4, 249-258.	2.0	100
31	Partial AZFc deletions and duplications: clinical correlates in the Italian population. Human Genetics, 2008, 124, 399-410.	3.8	98
32	Stimulation of protein tyrosine phosphorylation by platelet-activating factor and progesterone in human spermatozoa. Molecular and Cellular Endocrinology, 1995, 108, 35-42.	3.2	95
33	European Association of Urology Guidelines on Vasectomy. European Urology, 2012, 61, 159-163.	1.9	93
34	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, 1960-1969.	0.9	91
35	Genetic dissection of spermatogenic arrest through exome analysis: clinical implications for the management of azoospermic men. Genetics in Medicine, 2020, 22, 1956-1966.	2.4	88
36	Genetic Risk Factors in Male Infertility. Archives of Andrology, 2007, 53, 125-133.	1.0	86

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37	Screening for microdeletions of Y chromosome genes in patients undergoing intracytoplasmic sperm injection. Human Reproduction, 1999, 14, 1717-1721.	0.9	85
38	Double-Blind Y Chromosome Microdeletion Analysis in Men with Known Sperm Parameters and Reproductive Hormone Profiles: Microdeletions Are Specific for Spermatogenic Failure1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2638-2642.	3.6	83
39	Development of a technique for monitoring the contamination of human semen samples with leukocytes. Fertility and Sterility, 1992, 57, 1317-1325.	1.0	82
40	Male Infertility and the Y Chromosome. American Journal of Human Genetics, 1999, 64, 928-933.	6.2	82
41	Identification of a Y chromosome haplogroup associated with reduced sperm counts. Human Molecular Genetics, 2001, 10, 1873-1877.	2.9	82
42	Progesterone stimulates p42 extracellular signal-regulated kinase (p42erk) in human spermatozoa. Molecular Human Reproduction, 1998, 4, 251-258.	2.8	76
43	A High Frequency of Y Chromosome Deletions in Males with Nonidiopathic Infertility1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3606-3612.	3.6	76
44	TSPY1 Copy Number Variation Influences Spermatogenesis and Shows Differences among Y Lineages. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4016-4022.	3.6	72
45	The Association Between Varicocele, Premature Ejaculation and Prostatitis Symptoms: Possible Mechanisms. Journal of Sexual Medicine, 2009, 6, 2878-2887.	0.6	71
46	High Resolution X Chromosome-Specific Array-CGH Detects New CNVs in Infertile Males. PLoS ONE, 2012, 7, e44887.	2.5	70
47	Novel Insights into DNA Methylation Features in Spermatozoa: Stability and Peculiarities. PLoS ONE, 2012, 7, e44479.	2.5	68
48	A High Frequency of Y Chromosome Deletions in Males with Nonidiopathic Infertility. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3606-3612.	3.6	67
49	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, 754-761.	2.8	66
50	Phenotypic variation within European carriers of the Y-chromosomal gr/gr deletion is independent of Y-chromosomal background. Journal of Medical Genetics, 2008, 46, 21-31.	3.2	65
51	Y chromosome and male infertility. Frontiers in Bioscience - Landmark, 1999, 4, e1.	3.0	64
52	The Clinical Significance of the POLG Gene Polymorphism in Male Infertility. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4292-4297.	3.6	63
53	The Will-o'-the-Wisp of Genetics â€" Hunting for the Azoospermia Factor Gene. New England Journal of Medicine, 2009, 360, 925-927.	27.0	62
54	Estrogen receptor Î± promoter polymorphism: stronger estrogen action is coupled with lower sperm count. Human Reproduction, 2006, 21, 994-1001.	0.9	61

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55	Genetics of Azoospermia. International Journal of Molecular Sciences, 2021, 22, 3264.	4.1	61
56	Sequencing of a â€˜mouse azoospermiaâ€™ gene panel in azoospermic men: identification of RNF212 and STAG3 mutations as novel genetic causes of meiotic arrest. Human Reproduction, 2019, 34, 978-988.	0.9	58
57	Y chromosome polymorphisms in medicine. Annals of Medicine, 2004, 36, 573-583.	3.8	56
58	Testing for genetic contributions to infertility: potential clinical impact. Expert Review of Molecular Diagnostics, 2018, 18, 331-346.	3.1	55
59	Semen cryopreservation for men banking for oligospermia, cancers, and other pathologies: prediction ofÂpost-thaw outcome using basal semen quality. Fertility and Sterility, 2013, 100, 1555-1563.e3.	1.0	51
60	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
61	The Human Y Chromosome and Male Infertility. Results and Problems in Cell Differentiation, 2000, 28, 211-232.	0.7	50
62	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, 444-449.	0.9	50
63	Small Variations in Crucial Steps of TUNEL Assay Coupled to Flow Cytometry Greatly Affect Measures of Sperm DNA Fragmentation. Journal of Andrology, 2010, 31, 336-345.	2.0	50
64	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.	3.6	50
65	The human Y chromosome: function, evolution and disease. Forensic Science International, 2001, 118, 169-181.	2.2	48
66	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.	3.5	48
67	DAZL polymorphisms and susceptibility to spermatogenic failure: an example of remarkable ethnic differences. Journal of Developmental and Physical Disabilities, 2004, 27, 375-381.	3.6	47
68	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, 5618-5624.	3.6	45
69	Genetic control of spermiogenesis: insights from the CREM gene and implications for human infertility. Reproductive BioMedicine Online, 2005, 10, 64-71.	2.4	45
70	Genetic aspects of testicular germ cell tumors. Cell Cycle, 2008, 7, 3519-3524.	2.6	44
71	The Y chromosome-linked copy number variations and male fertility. Journal of Endocrinological Investigation, 2011, 34, 376-382.	3.3	44
72	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.	10.8	43

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73	The X chromosome and male infertility. Human Genetics, 2021, 140, 203-215.	3.8	40
74	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
75	Shortâ€term <scp>FSH</scp> treatment and sperm maturation: a prospective study in idiopathic infertile men. Andrology, 2017, 5, 414-422.	3.5	39
76	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.	2.5	38
77	Progesterone-stimulated intracellular calcium increase in human spermatozoa is protein kinase C-independent. Molecular Human Reproduction, 1998, 4, 259-268.	2.8	38
78	Recurrent X chromosome-linked deletions: discovery of new genetic factors in male infertility. Journal of Medical Genetics, 2014, 51, 340-344.	3.2	38
79	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.	2.4	38
80	Genetic testing and counselling for male infertility. Current Opinion in Endocrinology, Diabetes and Obesity, 2014, 21, 244-250.	2.3	37
81	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.	1.9	37
82	The European Academy of Andrology (EAA) ultrasound study on healthy, fertile men: clinical, seminal and biochemical characteristics. Andrology, 2020, 8, 1005-1020.	3.5	37
83	Y chromosome and male infertility. Frontiers in Bioscience - Landmark, 1999, 4, e1-8.	3.0	37
84	The relationship between Y chromosome DNA haplotypes and Y chromosome deletions leading to male infertility. Human Genetics, 2001, 108, 55-58.	3.8	36
85	Nongenomic actions of progesterone on human spermatozoa. Trends in Endocrinology and Metabolism, 1995, 6, 198-205.	7.1	35
86	Comprehensive investigation in patients affected by sperm macrocephaly and globozoospermia. Andrology, 2015, 3, 203-212.	3.5	35
87	Y-chromosome haplogroups and susceptibility to azoospermia factor c microdeletion in an Italian population. Journal of Medical Genetics, 2006, 44, 205-208.	3.2	33
88	Genetics of Male Infertility. , 2019, , 821-830.		32
89	Sperm Cryopreservation in Male Infertility Due to Genetic Disorders. Cell and Tissue Banking, 2006, 7, 105-112.	1.1	29
90	Y chromosome microdeletions in `fertile' males. Human Reproduction, 2001, 16, 1306-1306.	0.9	28

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91	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, 1072-1076.	3.6	28
92	Impact of Metabolically Healthy Obesity in Patients with Andrological Problems. Journal of Sexual Medicine, 2019, 16, 821-832.	0.6	28
93	TSPY and Male Fertility. Genes, 2010, 1, 308-316.	2.4	27
94	Y chromosome and male infertility. Andrologia, 2005, 37, 219-223.	2.1	25
95	Age-Dependent De Novo Mutations During Spermatogenesis and Their Consequences. Advances in Experimental Medicine and Biology, 2019, 1166, 29-46.	1.6	25
96	Pubertal induction and transition to adult sex hormone replacement in patients with congenital pituitary or gonadal reproductive hormone deficiency: an Endo-ERN clinical practice guideline. European Journal of Endocrinology, 2022, 186, G9-G49.	3.7	25
97	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, 13-18.	3.6	24
98	Somatotropicâ€Testicular Axis: A crosstalk between GH/IGFâ€ and gonadal hormones during development, transition, and adult age. Andrology, 2021, 9, 168-184.	3.5	24
99	Genetic Factors of Non-Obstructive Azoospermia: Consequences on Patientsâ€™ and Offspring Health. Journal of Clinical Medicine, 2021, 10, 4009.	2.4	22
100	Difficulties in achieving vs maintaining erection: organic, psychogenic and relational determinants. International Journal of Impotence Research, 2005, 17, 252-258.	1.8	21
101	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-E463.	3.6	21
102	Varicocele and infertility. Journal of Endocrinological Investigation, 2003, 26, 564-569.	3.3	20
103	Partial AZFc deletions in infertile men with cryptorchidism. Human Reproduction, 2007, 22, 2398-2403.	0.9	20
104	Evaluation of sperm <scp>DNA</scp> quality in men presenting with testicular cancer and lymphoma using alkaline and neutral Comet assays. Andrology, 2018, 6, 230-235.	3.5	20
105	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.	2.5	19
106	Genomic Changes in Spermatozoa of the Aging Male. Advances in Experimental Medicine and Biology, 2014, 791, 13-26.	1.6	17
107	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, 333-338.	3.6	15
108	Seladinâ€1 and testicular germ cell tumours: new insights into cisplatin responsiveness. Journal of Pathology, 2009, 219, 491-500.	4.5	13

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109	Y-chromosome microdeletions are not associated with SHOX haploinsufficiency. Human Reproduction, 2013, 28, 3155-3160.	0.9	13
110	Editorial commentary: Progesterone and spermatozoa: a long-lasting liaison comes to definition. Human Reproduction, 2011, 26, 2933-2934.	0.9	12
111	An Encore for the Repeats: New Insights into an Old Genetic Variant. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 764-767.	3.6	12
112	Subspecialty training in andrology. Fertility and Sterility, 2015, 104, 12-15.	1.0	11
113	Genetics of ncHH: from a peculiar inheritance of a novel GNRHR mutation to a comprehensive review of the literature. Andrology, 2019, 7, 88-101.	3.5	11
114	Does hormonal therapy improve sperm retrieval rates in men with non-obstructive azoospermia: a systematic review and meta-analysis. Human Reproduction Update, 2022, 28, 609-628.	10.8	11
115	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.	2.8	10
116	Lateâ€onset hypogonadism a challenging task for the andrology field. Andrology, 2020, 8, 1504-1505.	3.5	10
117	Large-scale analyses of the X chromosome in 2,354 infertile men discover recurrently affected genes associated with spermatogenic failure. American Journal of Human Genetics, 2022, 109, 1458-1471.	6.2	10
118	Monogenic Forms of Male Infertility. Experientia Supplementum (2012), 2019, 111, 341-366.	0.9	9
119	Clinical evaluation of the infertile male: new options, new challenges. Asian Journal of Andrology, 2012, 14, 3-5.	1.6	9
120	AZFc deletion detected in a newborn with prenatally diagnosed Yq deletion. Prenatal Diagnosis, 2001, 21, 253-255.	2.3	8
121	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.	2.5	8
122	Editorial for the special issue on the molecular genetics of male infertility. Human Genetics, 2021, 140, 1-5.	3.8	8
123	Short anogenital distance is associated with testicular germ cell tumour development. Andrology, 2020, 8, 1770-1778.	3.5	7
124	Genetics of Male Infertility. , 2022, , 121-147.		7
125	The Y chromosome and its fragility. Journal of Developmental and Physical Disabilities, 2008, 31, 374-375.	3.6	5
126	ESR1 promoter polymorphism is not associated with nonsyndromic cryptorchidism. Fertility and Sterility, 2011, 95, 369-371.e2.	1.0	5

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127	Polymorphisms and Male Infertility. , 2007, , 275-289.		3
128	ANDRONET: A new European network to boost research coordination, education and public awareness in andrology. Andrology, 2022, 10, 423-425.	3.5	3
129	Need for standardization and confirmation of STS deletions on the Y chromosome. Fertility and Sterility, 2008, 90, 463-464.	1.0	2
130	The need of continuous focus on improved mentoring of trainees and young investigators in the field of andrology: highlights of current programs and opportunities for the future. Andrology, 2014, 2, 649-651.	3.5	2
131	Genetics of Male Infertility. , 2013, , 1-18.		1
132	Advancing the cause of improved male reproductive health. Andrology, 2019, 7, 761-761.	3.5	1
133	Chromosome Abnormalities and the Infertile Male. , 2020, , 28-40.		1
134	Genetic Testing of Male Infertility. , 2010, , 431-444.		1
135	Inquadramento diagnostico dellâ€™infertilitÃ maschile. L Endocrinologo, 2001, 2, 1-7.	0.0	0
136	La fertilitÃ nella sindrome di Klinefelter: implicazioni pratiche e terapia. L Endocrinologo, 2006, 7, 32-39.	0.0	0
137	Florenceâ€“Utah Symposium corner: from genetics to epigenetics of male infertility. Journal of Developmental and Physical Disabilities, 2008, 31, 535-536.	3.6	0
138	The Infertile Male-3: Endocrinological Evaluation. Medical Radiology, 2011, , 223-240.	0.1	0
139	InfertilitÃ maschile: aspetti patogenetici e clinici. L Endocrinologo, 2013, 14, 50-56.	0.0	0
140	Tumori testicolari: aspetti eziopatogenetici. L Endocrinologo, 2013, 14, 148-154.	0.0	0
141	Genetics of Male Infertility. , 2014, , .		0
142	Reply: Y-chromosome microdeletions are not associated with SHOX haploinsufficiency. Human Reproduction, 2014, 29, 1114-1115.	0.9	0
143	European Academy of Andrology Newsletter 2-2015. Andrology, 2015, 3, 1184-1186.	3.5	0
144	European Academy of Andrology Newsletter 1-2015. Andrology, 2015, 3, 417-419.	3.5	0

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145	Genetic Analysis in Male Infertility. Endocrinology, 2017, , 517-533.	0.1	0
146	European Academy of Andrology Newsletter (Edition December 2018). Andrology, 2019, 7, 124-130.	3.5	0
147	European Academy of Andrology: Annual Report 2020. Andrology, 2021, 9, 762-768.	3.5	0
148	Genetic Analysis in Male Infertility. Endocrinology, 2017, , 1-17.	0.1	0
149	FSH Treatment in Male Infertility. , 2020, , 95-105.		0
150	European Academy of Andrology Annual Report 2019. Andrology, 2020, 8, 807-813.	3.5	0
151	European Academy of Andrology (EAA): Annual Report 2021. Andrology, 2022, 10, 619-624.	3.5	0