## Kristian Almstrup

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3272719/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dynamic Changes in Serum IGF-I and Growth During Infancy: Associations to Body Fat, Target Height, and <i>PAPPA2</i> Genotype. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 219-229.	1.8	6
2	A de novo paradigm for male infertility. Nature Communications, 2022, 13, 154.	5.8	38
3	Environmental factors in declining human fertility. Nature Reviews Endocrinology, 2022, 18, 139-157.	4.3	123
4	Actionable secondary findings following exome sequencing of 836 non-obstructive azoospermia cases and their value in patient management. Human Reproduction, 2022, 37, 1652-1663.	0.4	3
5	Optimized detection of germ cell neoplasia <i>inÂsitu</i> in contralateral biopsy reduces the risk of second testis cancer. BJU International, 2022, 130, 646-654.	1.3	7
6	Association Study between Polymorphisms in DNA Methylation–Related Genes and Testicular Germ Cell Tumor Risk. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1769-1779.	1.1	4
7	Expression of membrane fusion proteins in spermatozoa and total fertilisation failure during in vitro fertilisation. Andrology, 2022, 10, 1317-1327.	1.9	6
8	Evaluating genetic causes of azoospermia: What can we learn from a complex cellular structure and single-cell transcriptomics of the human testis?. Human Genetics, 2021, 140, 183-201.	1.8	29
9	<i>FSHB</i> and <i>FSHR</i> gene variants exert mild modulatory effect on reproductive hormone levels and testis size but not on semen quality: A study of 2020 men from the general Danish population. Andrology, 2021, 9, 618-631.	1.9	5
10	Genetically Inferred Telomere Length and Testicular Germ Cell Tumor Risk. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1275-1278.	1.1	2
11	Small RNAs in Seminal Plasma as Novel Biomarkers for Germ Cell Tumors. Cancers, 2021, 13, 2346.	1.7	6
12	RUBIC (ReproUnion Biobank and Infertility Cohort): A binational clinical foundation to study risk factors, life course, and treatment of infertility and infertilityâ€related morbidity. Andrology, 2021, 9, 1828-1842.	1.9	13
13	False hope for patients with Klinefelter syndrome on cryopreservation of spermatogonia at younger ages. Human Reproduction Update, 2021, 27, 967-969.	5.2	1
14	Identification of 22 susceptibility loci associated with testicular germ cell tumors. Nature Communications, 2021, 12, 4487.	5.8	27
15	O-228 The SSRI antidepressant Sertraline inhibits CatSper calcium channels in human sperm. Human Reproduction, 2021, 36, .	0.4	0
16	The Application of Principal Component Analysis on Clinical and Biochemical Parameters Exemplified in Children With Congenital Adrenal Hyperplasia. Frontiers in Endocrinology, 2021, 12, 652888.	1.5	7
17	Variant <i>PNLDC1</i> , Defective piRNA Processing, and Azoospermia. New England Journal of Medicine, 2021, 385, 707-719.	13.9	54
18	The antidepressant Sertraline inhibits CatSper Ca2+ channels in human sperm. Human Reproduction, 2021. 36. 2638-2648.	0.4	15

#	Article	IF	CITATIONS
19	Does height and IGF-I determine pubertal timing in girls?. Pediatric Research, 2021, 90, 176-183.	1.1	11
20	A Polygenic Risk Score Suggests Shared Genetic Architecture of Voice Break With Early Markers of Pubertal Onset in Boys. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e349-e357.	1.8	3
21	The Acrosomal Status of Density Purified Spermatozoa Differentiates Men from Couples in IVF and ICSI Treatment and Is Associated with Fecundity. Journal of Clinical Medicine, 2020, 9, 2327.	1.0	1
22	Reproductive hormones during pubertal transition in girls with transient Thelarche. Clinical Endocrinology, 2020, 93, 296-304.	1.2	4
23	Integration and reanalysis of transcriptomics and methylomics data derived from blood and testis tissue of men with 47, <scp>XXY</scp> Klinefelter syndrome indicates the primary involvement of Sertoli cells in the testicular pathogenesis. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics. 2020. 184, 239-255.	0.7	11
24	Application of miRNAs in the diagnosis and monitoring of testicular germ cell tumours. Nature Reviews Urology, 2020, 17, 201-213.	1.9	67
25	Evaluation of Circulating miRNA Biomarkers of Testicular Germ Cell Tumors during Therapy and Follow-up―A Copenhagen Experience. Cancers, 2020, 12, 759.	1.7	17
26	Activin A Determines Steroid Levels and Composition in the Fetal Testis. Endocrinology, 2020, 161, .	1.4	13
27	Levels of endocrine-disrupting chemicals are associated with changes in the peri-pubertal epigenome. Endocrine Connections, 2020, 9, 845-857.	0.8	14
28	Identification of circulating small non-coding RNAs in relation to male subfertility and reproductive hormones. Molecular and Cellular Endocrinology, 2019, 492, 110443.	1.6	9
29	Medium-throughput Screening Assays for Assessment of Effects on Ca <sup>2+</sup> -Signaling and Acrosome Reaction in Human Sperm. Journal of Visualized Experiments, 2019, , .	0.2	8
30	Mutations involving the SRY-related gene SOX8 are associated with a spectrum of human reproductive anomalies. Human Molecular Genetics, 2018, 27, 1228-1240.	1.4	64
31	The AMH genotype (rs10407022 T>G) is associated with circulating AMH levels in boys, but not in girls. Endocrine Connections, 2018, 7, 347-354.	0.8	4
32	Transcriptome profiling of fetal Klinefelter testis tissue reveals a possible involvement of long non-coding RNAs in gonocyte maturation. Human Molecular Genetics, 2018, 27, 430-439.	1.4	42
33	Viable acrosome-intact human spermatozoa in the ejaculate as a marker of semen quality and fertility status. Human Reproduction, 2018, 33, 361-371.	0.4	15
34	Differential Impact of Genetic Loci on Age at Thelarche and Menarche in Healthy Girls. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 228-234.	1.8	12
35	EDC IMPACT: Chemical UV filters can affect human sperm function in a progesterone-like manner. Endocrine Connections, 2018, 7, 16-25.	0.8	35
36	Is the <i>FSHR</i> 2039A>G variant associated with susceptibility to testicular germ cell cancer?. Andrology, 2018, 6, 176-183.	1.9	6

#	Article	IF	CITATIONS
37	Decrease in semen quality and Leydig cell function in infertile men: a longitudinal study. Human Reproduction, 2018, 33, 1963-1974.	0.4	22
38	Expression of the O-Glycosylation Enzyme GalNAc-T3 in the Equatorial Segment Correlates with the Quality of Spermatozoa. International Journal of Molecular Sciences, 2018, 19, 2949.	1.8	5
39	Transcriptome analysis of the adult human Klinefelter testis and cellularity-matched controls reveals disturbed differentiation of Sertoli- and Leydig cells. Cell Death and Disease, 2018, 9, 586.	2.7	33
40	Dynamic GnRH and hCG testing: establishment of new diagnostic reference levels. European Journal of Endocrinology, 2017, 176, 379-391.	1.9	25
41	Validation of image cytometry for sperm concentration measurement: Comparison with manual counting of 4010 human semen samples. Clinica Chimica Acta, 2017, 468, 114-119.	0.5	6
42	Possible involvement of the glucocorticoid receptor ( <scp>NR</scp> 3C1) and selected <i><scp>NR</scp>3C1</i> gene variants in regulation of human testicular function. Andrology, 2017, 5, 1105-1114.	1.9	32
43	Polymorphisms in JMJD1C are associated with pubertal onset in boys and reproductive function in men. Scientific Reports, 2017, 7, 17242.	1.6	1
44	Genetic Variation of Follicle-Stimulating Hormone Action Is Associated With Age at Testicular Growth in Boys. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1740-1749.	1.8	15
45	Convolutional Neural Networks for Segmentation and Object Detection of Human Semen. Lecture Notes in Computer Science, 2017, , 397-406.	1.0	9
46	Pubertal development in healthy children is mirrored by DNA methylation patterns in peripheral blood. Scientific Reports, 2016, 6, 28657.	1.6	60
47	Selection of high quality spermatozoa may be promoted by activated vitamin D in the woman. Journal of Clinical Endocrinology and Metabolism, 2016, 102, jc.2016-3008.	1.8	17
48	Differences in global DNA methylation of testicular seminoma are not associated with changes in histone modifications, clinical prognosis, BRAF mutations or gene expression. Cancer Genetics, 2016, 209, 506-514.	0.2	8
49	Circulating MKRN3 Levels Decline During Puberty in Healthy Boys. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2588-2593.	1.8	50
50	Genetic Variations in FSH Action Affect Sex Hormone Levels and Breast Tissue Size in Infant Girls: A Pilot Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3191-3198.	1.8	9
51	Genetic variations altering FSH action affect circulating hormone levels as well as follicle growth in healthy peripubertal girls. Human Reproduction, 2016, 31, 897-904.	0.4	20
52	Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells. Scientific Reports, 2015, 5, 10364.	1.6	32
53	Circulating MKRN3 Levels Decline Prior to Pubertal Onset and Through Puberty: A Longitudinal Study of Healthy Girls. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1920-1926.	1.8	67
54	Involvement of epigenetic modifiers in the pathogenesis of testicular dysgenesis and germ cell cancer. Biomolecular Concepts, 2015, 6, 219-227.	1.0	5

#	Article	IF	CITATIONS
55	Screening for carcinomain situ in the contralateral testicle in patients with testicular cancer: a population-based study. Annals of Oncology, 2015, 26, 737-742.	0.6	31
56	Perinatal exposure to mixtures of anti-androgenic chemicals causes proliferative lesions in rat prostate. Prostate, 2015, 75, 126-140.	1.2	15
57	Increasing international efforts to understand and conquer testicular germ cell cancer. Andrology, 2015, 3, 1-3.	1.9	3
58	Diagnostic markers for germ cell neoplasms: from placental-like alkaline phosphatase to micro-RNAs. Folia Histochemica Et Cytobiologica, 2015, 53, 177-188.	0.6	62
59	Direct action of endocrine disrupting chemicals on human sperm. EMBO Reports, 2014, 15, 758-765.	2.0	137
60	Evidence that active demethylation mechanisms maintain the genome of carcinoma in situ cells hypomethylated in the adult testis. British Journal of Cancer, 2014, 110, 668-678.	2.9	44
61	A Tortoiseshell Male Cat: Chromosome Analysis and Histologic Examination of the Testis. Cytogenetic and Genome Research, 2014, 142, 107-111.	0.6	17
62	Syncytin-1 and its receptor is present in human gametes. Journal of Assisted Reproduction and Genetics, 2014, 31, 533-539.	1.2	33
63	Possible fetal determinants of male infertility. Nature Reviews Endocrinology, 2014, 10, 553-562.	4.3	129
64	Pubertal Onset in Girls is Strongly Influenced by Genetic Variation Affecting FSH Action. Scientific Reports, 2014, 4, 6412.	1.6	29
65	Screening for carcinoma in situ (CIS) testis and occurrence of metachronous germ cell cancer (mGCC) Journal of Clinical Oncology, 2014, 32, 4554-4554.	0.8	0
66	Transcriptome profiling of mice testes following low dose irradiation. Reproductive Biology and Endocrinology, 2013, 11, 50.	1.4	11
67	Testicular Dysgenesis Syndrome and Carcinoma In Situ Testis. , 2013, , 159-178.		3
68	Image cytometer method for automated assessment of human spermatozoa concentration. Andrology, 2013, 1, 615-623.	1.9	12
69	The Testis in Childhood Between Birth and Puberty. , 2013, , 69-75.		1
70	Phenotypic characterisation of immune cell infiltrates in testicular germ cell neoplasia. Journal of Reproductive Immunology, 2013, 100, 135-145.	0.8	37
71	FSHB-211 and FSHR 2039 are associated with serum levels of follicle-stimulating hormone and antimüllerian hormone in healthy girls: a longitudinal cohort study. Fertility and Sterility, 2013, 100, 1089-1095.	0.5	16
72	Dysregulation of the mitosis–meiosis switch in testicular carcinoma <i>in situ</i> . Journal of Pathology, 2013, 229, 588-598.	2.1	54

#	Article	IF	CITATIONS
73	Epigenetic features of testicular germ cell tumours in relation to epigenetic characteristics of foetal germ cells. International Journal of Developmental Biology, 2013, 57, 309-317.	0.3	43
74	Androgen Receptor CAG Repeat Length Is Associated With Body Fat and Serum SHBG in Boys: A Prospective Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E605-E609.	1.8	17
75	Human semen quality in the new millennium: a prospective cross-sectional population-based study of 4867 men. BMJ Open, 2012, 2, e000990.	0.8	225
76	MicroRNA expression profiling of carcinoma in situ cells of the testis. Endocrine-Related Cancer, 2012, 19, 365-379.	1.6	79
77	Coexpression Network Analysis in Abdominal and Gluteal Adipose Tissue Reveals Regulatory Genetic Loci for Metabolic Syndrome and Related Phenotypes. PLoS Genetics, 2012, 8, e1002505.	1.5	57
78	Heterogeneity of chromatin modifications in testicular spermatocytic seminoma point toward an epigenetically unstable phenotype. Cancer Genetics, 2012, 205, 425-431.	0.2	18
79	A novel double staining strategy for improved detection of testicular carcinoma in situ cells in human semen samples. Andrologia, 2012, 44, 78-85.	1.0	11
80	Germ Cell Cancer, Testicular Dysgenesis Syndrome and Epigenetics. Epigenetics and Human Health, 2011, , 19-44.	0.2	2
81	Commentary: Sperm Counts, Data Responsibility, and Good Scientific Practice. Epidemiology, 2011, 22, 620-621.	1.2	24
82	Clinical and biological parameters in 166 boys, adolescents and adults with nonmosaic Klinefelter syndrome: a Copenhagen experience. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 793-806.	0.7	134
83	Screening of subfertile men for testicular carcinoma in situ by an automated image analysisâ€based cytological test of the ejaculate. Journal of Developmental and Physical Disabilities, 2011, 34, e21-30; discussion e30-1.	3.6	25
84	18 Perinatal origin of testicular germ cell cancer: Possible involvement of developmental reprogramming. , 2011, , 219-228.		0
85	Lipoprotein lipase and endothelial lipase in human testis and in germ cell neoplasms. Journal of Developmental and Physical Disabilities, 2010, 33, e207-15.	3.6	24
86	Carcinoma in situ testis displays permissive chromatin modifications similar to immature foetal germ cells. British Journal of Cancer, 2010, 103, 1269-1276.	2.9	78
87	Analysis of Gene Expression Profiles of Microdissected Cell Populations Indicates that Testicular Carcinoma <i>In situ</i> Is an Arrested Gonocyte. Cancer Research, 2009, 69, 5241-5250.	0.4	169
88	Re: Niels J. van Casteren, Hans Stoop, Gert R. Dohle, Ronald de Wit, J. Wolter Oosterhuis, Leendert H.J. Looijenga. Noninvasive Detection of Testicular Carcinoma In Situ in Semen Using OCT3/4. Eur Urol 2008;54:153–60. European Urology, 2009, 55, e67-e68.	0.9	3
89	Gene expression profiles of mouse spermatogenesis during recovery from irradiation. Reproductive Biology and Endocrinology, 2009, 7, 130.	1.4	15
90	Origin of pluripotent germ cell tumours: The role of microenvironment during embryonic development. Molecular and Cellular Endocrinology, 2008, 288, 111-118.	1.6	86

#	Article	IF	CITATIONS
91	Improved gene expression signature of testicular carcinoma in situ. Journal of Developmental and Physical Disabilities, 2007, 30, 292-303.	3.6	47
92	Current approaches for detection of carcinoma in situ testis. Journal of Developmental and Physical Disabilities, 2007, 30, 398-405.	3.6	33
93	CDH1 (E-cadherin) in testicular germ cell neoplasia: suppressed translation of mRNA in pre-invasive carcinoma in situ but increased protein levels in advanced tumours. Apmis, 2006, 114, 549-558.	0.9	16
94	Dysfunction of the mitotic:meiotic switch as a potential cause of neoplastic conversion of primordial germ cells. Journal of Developmental and Physical Disabilities, 2006, 29, 219-227.	3.6	26
95	Mouse models for genes involved in impaired spermatogenesis. Journal of Developmental and Physical Disabilities, 2006, 29, 76-89.	3.6	68
96	From embryonic stem cells to testicular germ cell cancer - should we be concerned?. Journal of Developmental and Physical Disabilities, 2006, 29, 211-218.	3.6	38
97	Identification and expression profiling of 10 novel spermatid expressed CYPT genes. Molecular Reproduction and Development, 2006, 73, 568-579.	1.0	24
98	Identity of M2A (D2-40) antigen and gp36 (Aggrus, T1A-2, podoplanin) in human developing testis, testicular carcinoma in situ and germ-cell tumours. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2006, 449, 200-206.	1.4	88
99	Estrogenic Effect of Soy Isoflavones on Mammary Gland Morphogenesis and Gene Expression Profile. Toxicological Sciences, 2006, 93, 357-368.	1.4	27
100	Stem cell pluripotency factor NANOG is expressed in human fetal gonocytes, testicular carcinoma in situ and germ cell tumours. Histopathology, 2005, 47, 48-56.	1.6	196
101	Genome-wide gene expression profiling of testicular carcinoma in situ progression into overt tumours. British Journal of Cancer, 2005, 92, 1934-1941.	2.9	85
102	Genomic and gene expression signature of the pre-invasive testicular carcinoma in situ. Cell and Tissue Research, 2005, 322, 159-165.	1.5	43
103	A subfertile patient diagnosed with testicular carcinoma in situ by immunocytological staining for AP-2Î <sup>3</sup> in semen samples: Case report. Human Reproduction, 2005, 20, 579-582.	0.4	18
104	Identification of genes differentially expressed in testes containing carcinoma in situ. Molecular Human Reproduction, 2004, 10, 423-431.	1.3	52
105	Embryonic Stem Cell-Like Features of Testicular Carcinoma in Situ Revealed by Genome-Wide Gene Expression Profiling. Cancer Research, 2004, 64, 4736-4743.	0.4	228
106	Analysis of Cell-Type-Specific Gene Expression During Mouse Spermatogenesis1. Biology of Reproduction, 2004, 70, 1751-1761.	1.2	70
107	Transcription Factor AP-2Î <sup>3</sup> Is a Developmentally Regulated Marker of Testicular Carcinoma In situ and Germ Cell Tumors. Clinical Cancer Research, 2004, 10, 8521-8530.	3.2	160
108	Germ cell differentiation-dependent and stage-specific expression of LANCL1 in rodent testis. European Journal of Histochemistry, 2003, 47, 215.	0.6	32

#	Article	IF	CITATIONS
109	Dual effects of phytoestrogens result in u-shaped dose-response curves Environmental Health Perspectives, 2002, 110, 743-748.	2.8	140
110	A Fast Method for Measurement of Branching Enzyme Activity Using a Thin-Layer Chromatography-Based Phosphorylase a Stimulation Assay. Analytical Biochemistry, 2000, 286, 297-300.	1.1	2
111	Endocrine disruptors in seminal fluid: bisphenol A, triclosan and benzophenone-3. Endocrine Abstracts, 0, , .	0.0	0
112	FSHBâ^'211 andFSHR2039 polymorphisms are associated with serum levels of FSH, AMH and age of pubertal onset in 78 healthy girls: a longitudinal cohort study. Endocrine Abstracts, 0, , .	0.0	0
113	Differential Impact of Genetic Loci on Age at Thelarche and Menarche in Healthy Girls. Yearbook of Paediatric Endocrinology, 0, , .	0.0	0