Anne Jorgensen

List of Publications by Year
in descending order

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71 papers	2,489 citations	186265 28 h-index	214800 47 g-index
73 all docs	73 docs citations	73 times ranked	3392 citing authors

#	Article	IF	Citations
1	Environmental Impacts on Male Reproductive Development: Lessons from Experimental Models. Hormone Research in Paediatrics, 2023, 96, 190-206.	1.8	7
2	Treatment options for hypercalcemia after cosmetic oil injections: Lessons from human tissue cultures and a pilot intervention study. Bone, 2022, 154, 116244.	2.9	3
3	RANKL regulates testicular cancer growth and Denosumab treatment has suppressive effects on GCNIS and advanced seminoma. British Journal of Cancer, 2022, 127, 408-421.	6.4	2
4	Prepubertal and pubertal gonadal morphology, expression of cell lineage markers and hormonal evaluation in two 46,XY siblings with 17Î²-hydroxysteroid dehydrogenase 3 deficiency. Journal of Pediatric Endocrinology and Metabolism, 2022, 35, 953-961.	0.9	1
5	Deciphering Sex-Specific Differentiation of Human Fetal Gonads: Insight From Experimental Models. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	5
6	Establishment of a Novel Human Fetal Adrenal Culture Model that Supports de Novo and Manipulated Steroidogenesis. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 843-857.	3.6	8
7	Possible Relevance of Soluble Luteinizing Hormone Receptor during Development and Adulthood in Boys and Men. Cancers, 2021, 13, 1329.	3.7	1
8	RANKL regulates male reproductive function. Nature Communications, 2021, 12, 2450.	12.8	14
9	A 3D system to model human pancreas development and its reference single-cell transcriptome atlas identify signaling pathways required for progenitor expansion. Nature Communications, 2021, 12, 3144.	12.8	51
10	Serum Concentrations and Gonadal Expression of INSL3 in Eighteen Males With 45,X/46,XY Mosaicism. Frontiers in Endocrinology, 2021, 12, 709954.	3.5	2
11	The effects of selected inhibitors on human fetal adrenal steroidogenesis differs under basal and ACTH-stimulated conditions. BMC Medicine, 2021, 19, 204.	5.5	9
12	Accelerated loss of oogonia and impaired folliculogenesis in females with Turner syndrome start during early fetal development. Human Reproduction, 2021, 36, 2992-3002.	0.9	11
13	A roadmap for the Human Developmental Cell Atlas. Nature, 2021, 597, 196-205.	27.8	114
14	Pathogenic variants in the DEAH-box RNA helicase DHX37 are a frequent cause of 46,XY gonadal dysgenesis and 46,XY testicular regression syndrome. Genetics in Medicine, 2020, 22, 150-159.	2.4	34
15	Age-related changes in human Leydig cell status. Human Reproduction, 2020, 35, 2663-2676.	0.9	32
16	An InÂVitro Differentiation Protocol for Human Embryonic Bipotential Gonad and Testis Cell Development. Stem Cell Reports, 2020, 15, 1377-1391.	4.8	22
17	Cisplatin and carboplatin result in similar gonadotoxicity in immature human testis with implications for fertility preservation in childhood cancer. BMC Medicine, 2020, 18, 374.	5.5	34
18	Ablation of the canonical testosterone production pathway via knockout of the steroidogenic enzyme HSD17B3, reveals a novel mechanism of testicular testosterone production. FASEB Journal, 2020, 34, 10373-10386.	0.5	39

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19	A common deletion in the growth hormone receptor gene (d3-GHR) in the offspring is related to maternal placental GH levels during pregnancy. Growth Hormone and IGF Research, 2020, 55, 101360.	1.1	2
20	Novel functions of the luteinizing hormone/chorionic gonadotropin receptor in prostate cancer cells and patients. PLoS ONE, 2020, 15, e0238814.	2.5	4
21	Testis formation in XX individuals resulting from novel pathogenic variants in Wilmsâ€™ tumor 1 () Tj ETQq1 1 0.784314 rgBT /Overlo 2020, 117, 13680-13688.	7.1	42
22	Vitamin D and sex steroid production in men with normal or impaired Leydig cell function. Journal of Steroid Biochemistry and Molecular Biology, 2020, 199, 105589.	2.5	16
23	Influence of Nodal signalling on pluripotency factor expression, tumour cell proliferation and cisplatin-sensitivity in testicular germ cell tumours. BMC Cancer, 2020, 20, 349.	2.6	5
24	Disorders of Sex Developmentâ€"Novel Regulators, Impacts on Fertility, and Options for Fertility Preservation. International Journal of Molecular Sciences, 2020, 21, 2282.	4.1	29
25	Hypercalcemia After Cosmetic Oil Injections: Unraveling Etiology, Pathogenesis, and Severity. Journal of Bone and Mineral Research, 2020, 36, 322-333.	2.8	9
26	Androgen Receptor Is Dispensable for X-Zone Regression in the Female Adrenal but Regulates Post-Partum Corticosterone Levels and Protects Cortex Integrity. Frontiers in Endocrinology, 2020, 11, 599869.	3.5	10
27	A young testicular microenvironment protects Leydig cells against ageâ€related dysfunction in a mouse model of premature aging. FASEB Journal, 2019, 33, 978-995.	0.5	18
28	Androgen receptor signalling in the male adrenal facilitates X-zone regression, cell turnover and protects against adrenal degeneration during ageing. Scientific Reports, 2019, 9, 10457.	3.3	25
29	Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4366-4381.	3.6	27
30	Characterisation and localisation of the endocannabinoid system components in the adult human testis. Scientific Reports, 2019, 9, 12866.	3.3	48
31	Tracing the origin of adult intestinal stem cells. Nature, 2019, 570, 107-111.	27.8	107
32	Characterization of Human Adrenal Steroidogenesis During Fetal Development. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1802-1812.	3.6	28
33	Ablation of glucocorticoid receptor in the hindbrain of the mouse provides a novel model to investigate stress disorders. Scientific Reports, 2019, 9, 3250.	3.3	6
34	Central Precocious Puberty in two Boys with Prader-Willi Syndrome on Growth Hormone Treatment. AACE Clinical Case Reports, 2019, 5, e352-e356.	1.1	9
35	Dysregulation of FGFR signalling by a selective inhibitor reduces germ cell survival in human fetal gonads of both sexes and alters the somatic niche in fetal testes. Human Reproduction, 2019, 34, 2228-2243.	0.9	12
36	Response to Letter to the Editor: â€œClinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosisâ€• Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5812-5813.	3.6	0

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37	The oncogene Gankyrin is expressed in testicular cancer and contributes to cisplatin sensitivity in embryonal carcinoma cells. BMC Cancer, 2019, 19, 1124.	2.6	9
38	Role of Nodal signalling in testis development and initiation of testicular cancer. Reproduction, 2019, 158, R67-R77.	2.6	6
39	SUN-039 Characterization of Human Adrenal Steroidogenesis during Fetal Development. Journal of the Endocrine Society, 2019, 3, .	0.2	0
40	Loss of Function of the Nuclear Receptor NR2F2, Encoding COUP-TF2, Causes Testis Development and Cardiac Defects in 46,XX Children. American Journal of Human Genetics, 2018, 102, 487-493.	6.2	64
41	Experimental models of testicular development and function using human tissue and cells. Molecular and Cellular Endocrinology, 2018, 468, 95-110.	3.2	14
42	Effects of Exposure to Acetaminophen and Ibuprofen on Fetal Germ Cell Development in Both Sexes in Rodent and Human Using Multiple Experimental Systems. Environmental Health Perspectives, 2018, 126, 047006.	6.0	40
43	Nodal Signaling Regulates Germ Cell Development and Establishment of Seminiferous Cords in the Human Fetal Testis. Cell Reports, 2018, 25, 1924-1937.e4.	6.4	29
44	At the Crossroads of Fateâ€"Somatic Cell Lineage Specification in the Fetal Gonad. Endocrine Reviews, 2018, 39, 739-759.	20.1	104
45	DMRT1 repression using a novel approach to genetic manipulation induces testicular dysgenesis in human fetal gonads. Human Reproduction, 2018, 33, 2107-2121.	0.9	17
46	Involvement of the DNA mismatch repair system in cisplatin sensitivity of testicular germ cell tumours. Cellular Oncology (Dordrecht), 2017, 40, 341-355.	4.4	29
47	Germ Cell Neoplasia in Situ and Preserved Fertility Despite Suppressed Gonadotropins in a Patient With Testotoxicosis. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4411-4416.	3.6	8
48	Experimentally induced testicular dysgenesis syndrome originates in the masculinization programming window. JCI Insight, 2017, 2, e91204.	5.0	83
49	Prolonged exposure to acetaminophen reduces testosterone production by the human fetal testis in a xenograft model. Science Translational Medicine, 2015, 7, 288ra80.	12.4	107
50	Pathogenesis of germ cell neoplasia in testicular dysgenesis and disorders of sex development. Seminars in Cell and Developmental Biology, 2015, 45, 124-137.	5.0	49
51	Ex vivoculture of human fetal gonads: manipulation of meiosis signalling by retinoic acid treatment disrupts testis development. Human Reproduction, 2015, 30, 2351-2363.	0.9	56
52	Interaction between paraoxonase 1 polymorphism and prenatal pesticide exposure on metabolic markers in children using a multiplex approach. Reproductive Toxicology, 2015, 51, 22-30.	2.9	8
53	Regulation of meiotic entry and gonadal sex differentiation in the human: normal and disrupted signaling. Biomolecular Concepts, 2014, 5, 331-341.	2.2	23
54	Characterization of the testicular, epididymal and endocrine phenotypes in the Leuven Vdr-deficient mouse model: Targeting estrogen signalling. Molecular and Cellular Endocrinology, 2013, 377, 93-102.	3.2	41

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55	Influence of vitamin D on cisplatin sensitivity in testicular germ cell cancer-derived cell lines and in a NTera2 xenograft model. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 238-246.	2.5	27
56	Dysregulation of the mitosisâ€“meiosis switch in testicular carcinoma in situ. Journal of Pathology, 2013, 229, 588-598.	4.5	54
57	Identification of a Novel Androgen Receptor Mutation in a Family With Multiple Components Compatible With the Testicular Dysgenesis Syndrome. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2223-2229.	3.6	26
58	Anti-MÃ¼llerian Hormone and Its Clinical Use in Pediatrics with Special Emphasis on Disorders of Sex Development. International Journal of Endocrinology, 2013, 2013, 1-10.	1.5	51
59	Analysis of meiosis regulators in human gonads: a sexually dimorphic spatio-temporal expression pattern suggests involvement of DMRT1 in meiotic entry. Molecular Human Reproduction, 2012, 18, 523-534.	2.8	93
60	Vitamin D Metabolism and Effects on Pluripotency Genes and Cell Differentiation in Testicular Germ Cell Tumors In Vitro and In Vivo. Neoplasia, 2012, 14, 952-IN18.	5.3	44
61	Microdissection of Gonadal Tissues for Gene Expression Analyses. Methods in Molecular Biology, 2011, 755, 307-313.	0.9	1
62	Expression of prostaglandin synthases (pgds and pges) during zebrafish gonadal differentiation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 102-108.	1.8	14
63	Expression of the vitamin D receptor, 25-hydroxylases, 1Î±-hydroxylase and 24-hydroxylase in the human kidney and renal clear cell cancer. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 376-382.	2.5	69
64	Vitamin D receptor and vitamin D metabolizing enzymes are expressed in the human male reproductive tract. Human Reproduction, 2010, 25, 1303-1311.	0.9	288
65	TBT pollution and effects in molluscs at US Virgin Islands, Caribbean Sea. Environment International, 2009, 35, 707-711.	10.0	27
66	Laser capture microdissection of gonads from juvenile zebrafish. Reproductive Biology and Endocrinology, 2009, 7, 97.	3.3	16
67	Expression profiles for six zebrafish genes during gonadal sex differentiation. Reproductive Biology and Endocrinology, 2008, 6, 25.	3.3	115
68	Biotransformation of polycyclic aromatic hydrocarbons in marine polychaetes. Marine Environmental Research, 2008, 65, 171-186.	2.5	90
69	Identification and characterisation of an androgen receptor from zebrafish Danio rerio. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 561-568.	2.6	36
70	BIOTRANSFORMATION OF THE POLYCYCLIC AROMATIC HYDROCARBON PYRENE IN THE MARINE POLYCHAETE NEREIS VIRENS. Environmental Toxicology and Chemistry, 2005, 24, 2796.	4.3	33
71	Characterisation of two novel CYP4 genes from the marine polychaete Nereis virens and their involvement in pyrene hydroxylase activity. Biochemical and Biophysical Research Communications, 2005, 336, 890-897.	2.1	30