

Anne Jorgensen

List of Publications by Year in descending order

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Version: 2024-02-01

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	Vitamin D receptor and vitamin D metabolizing enzymes are expressed in the human male reproductive tract. <i>Human Reproduction</i> , 2010, 25, 1303-1311.	0.9	288
2	Expression profiles for six zebrafish genes during gonadal sex differentiation. <i>Reproductive Biology and Endocrinology</i> , 2008, 6, 25.	3.3	115
3	A roadmap for the Human Developmental Cell Atlas. <i>Nature</i> , 2021, 597, 196-205.	27.8	114
4	Prolonged exposure to acetaminophen reduces testosterone production by the human fetal testis in a xenograft model. <i>Science Translational Medicine</i> , 2015, 7, 288ra80.	12.4	107
5	Tracing the origin of adult intestinal stem cells. <i>Nature</i> , 2019, 570, 107-111.	27.8	107
6	At the Crossroads of Fate—Somatic Cell Lineage Specification in the Fetal Gonad. <i>Endocrine Reviews</i> , 2018, 39, 739-759.	20.1	104
7	Analysis of meiosis regulators in human gonads: a sexually dimorphic spatio-temporal expression pattern suggests involvement of DMRT1 in meiotic entry. <i>Molecular Human Reproduction</i> , 2012, 18, 523-534.	2.8	93
8	Biotransformation of polycyclic aromatic hydrocarbons in marine polychaetes. <i>Marine Environmental Research</i> , 2008, 65, 171-186.	2.5	90
9	Experimentally induced testicular dysgenesis syndrome originates in the masculinization programming window. <i>JCI Insight</i> , 2017, 2, e91204.	5.0	83
10	Expression of the vitamin D receptor, 25-hydroxylases, 1 α -hydroxylase and 24-hydroxylase in the human kidney and renal clear cell cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 376-382.	2.5	69
11	Loss of Function of the Nuclear Receptor NR2F2, Encoding COUP-TF2, Causes Testis Development and Cardiac Defects in 46,XX Children. <i>American Journal of Human Genetics</i> , 2018, 102, 487-493.	6.2	64
12	Ex vivo culture of human fetal gonads: manipulation of meiosis signalling by retinoic acid treatment disrupts testis development. <i>Human Reproduction</i> , 2015, 30, 2351-2363.	0.9	56
13	Dysregulation of the mitosis–meiosis switch in testicular carcinoma in situ. <i>Journal of Pathology</i> , 2013, 229, 588-598.	4.5	54
14	Anti-Müllerian Hormone and Its Clinical Use in Pediatrics with Special Emphasis on Disorders of Sex Development. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-10.	1.5	51
15	A 3D system to model human pancreas development and its reference single-cell transcriptome atlas identify signaling pathways required for progenitor expansion. <i>Nature Communications</i> , 2021, 12, 3144.	12.8	51
16	Pathogenesis of germ cell neoplasia in testicular dysgenesis and disorders of sex development. <i>Seminars in Cell and Developmental Biology</i> , 2015, 45, 124-137.	5.0	49
17	Characterisation and localisation of the endocannabinoid system components in the adult human testis. <i>Scientific Reports</i> , 2019, 9, 12866.	3.3	48
18	Vitamin D Metabolism and Effects on Pluripotency Genes and Cell Differentiation in Testicular Germ Cell Tumors In Vitro and In Vivo. <i>Neoplasia</i> , 2012, 14, 952-961.	5.3	44

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19	Testis formation in XX individuals resulting from novel pathogenic variants in Wilms's tumor 1 (<i>WT1</i>) Tj ETQq1 1 0.784314 rgBT /Overl... 2020, 117, 13680-13688.	7.1	42
20	Characterization of the testicular, epididymal and endocrine phenotypes in the Leuven Vdr-deficient mouse model: Targeting estrogen signalling. <i>Molecular and Cellular Endocrinology</i> , 2013, 377, 93-102.	3.2	41
21	Effects of Exposure to Acetaminophen and Ibuprofen on Fetal Germ Cell Development in Both Sexes in Rodent and Human Using Multiple Experimental Systems. <i>Environmental Health Perspectives</i> , 2018, 126, 047006.	6.0	40
22	Ablation of the canonical testosterone production pathway via knockout of the steroidogenic enzyme HSD17B3, reveals a novel mechanism of testicular testosterone production. <i>FASEB Journal</i> , 2020, 34, 10373-10386.	0.5	39
23	Identification and characterisation of an androgen receptor from zebrafish <i>Danio rerio</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 561-568.	2.6	36
24	Pathogenic variants in the DEAH-box RNA helicase DHX37 are a frequent cause of 46,XY gonadal dysgenesis and 46,XY testicular regression syndrome. <i>Genetics in Medicine</i> , 2020, 22, 150-159.	2.4	34
25	Cisplatin and carboplatin result in similar gonadotoxicity in immature human testis with implications for fertility preservation in childhood cancer. <i>BMC Medicine</i> , 2020, 18, 374.	5.5	34
26	BIOTRANSFORMATION OF THE POLYCYCLIC AROMATIC HYDROCARBON PYRENE IN THE MARINE POLYCHAETE NEREIS VIRENS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2796.	4.3	33
27	Age-related changes in human Leydig cell status. <i>Human Reproduction</i> , 2020, 35, 2663-2676.	0.9	32
28	Characterisation of two novel CYP4 genes from the marine polychaete <i>Nereis virens</i> and their involvement in pyrene hydroxylase activity. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 890-897.	2.1	30
29	Involvement of the DNA mismatch repair system in cisplatin sensitivity of testicular germ cell tumours. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 341-355.	4.4	29
30	Nodal Signaling Regulates Germ Cell Development and Establishment of Seminiferous Cords in the Human Fetal Testis. <i>Cell Reports</i> , 2018, 25, 1924-1937.e4.	6.4	29
31	Disorders of Sex Development—Novel Regulators, Impacts on Fertility, and Options for Fertility Preservation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2282.	4.1	29
32	Characterization of Human Adrenal Steroidogenesis During Fetal Development. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1802-1812.	3.6	28
33	TBT pollution and effects in molluscs at US Virgin Islands, Caribbean Sea. <i>Environment International</i> , 2009, 35, 707-711.	10.0	27
34	Influence of vitamin D on cisplatin sensitivity in testicular germ cell cancer-derived cell lines and in a Ntera2 xenograft model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 136, 238-246.	2.5	27
35	Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4366-4381.	3.6	27
36	Identification of a Novel Androgen Receptor Mutation in a Family With Multiple Components Compatible With the Testicular Dysgenesis Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2223-2229.	3.6	26

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37	Androgen receptor signalling in the male adrenal facilitates X-zone regression, cell turnover and protects against adrenal degeneration during ageing. <i>Scientific Reports</i> , 2019, 9, 10457.	3.3	25
38	Regulation of meiotic entry and gonadal sex differentiation in the human: normal and disrupted signaling. <i>Biomolecular Concepts</i> , 2014, 5, 331-341.	2.2	23
39	An InÂVitro Differentiation Protocol for Human Embryonic Bipotential Gonad and Testis Cell Development. <i>Stem Cell Reports</i> , 2020, 15, 1377-1391.	4.8	22
40	A young testicular microenvironment protects Leydig cells against age-related dysfunction in a mouse model of premature aging. <i>FASEB Journal</i> , 2019, 33, 978-995.	0.5	18
41	DMRT1 repression using a novel approach to genetic manipulation induces testicular dysgenesis in human fetal gonads. <i>Human Reproduction</i> , 2018, 33, 2107-2121.	0.9	17
42	Laser capture microdissection of gonads from juvenile zebrafish. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 97.	3.3	16
43	Vitamin D and sex steroid production in men with normal or impaired Leydig cell function. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105589.	2.5	16
44	Expression of prostaglandin synthases (pgds and pges) during zebrafish gonadal differentiation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, 102-108.	1.8	14
45	Experimental models of testicular development and function using human tissue and cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 468, 95-110.	3.2	14
46	RANKL regulates male reproductive function. <i>Nature Communications</i> , 2021, 12, 2450.	12.8	14
47	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. <i>Human Reproduction</i> , 2019, 34, 2228-2243.	0.9	12
48	Accelerated loss of oogonia and impaired folliculogenesis in females with Turner syndrome start during early fetal development. <i>Human Reproduction</i> , 2021, 36, 2992-3002.	0.9	11
49	Androgen Receptor Is Dispensable for X-Zone Regression in the Female Adrenal but Regulates Post-Partum Corticosterone Levels and Protects Cortex Integrity. <i>Frontiers in Endocrinology</i> , 2020, 11, 599869.	3.5	10
50	Central Precocious Puberty in two Boys with Prader-Willi Syndrome on Growth Hormone Treatment. <i>AACE Clinical Case Reports</i> , 2019, 5, e352-e356.	1.1	9
51	The oncogene Gankyrin is expressed in testicular cancer and contributes to cisplatin sensitivity in embryonal carcinoma cells. <i>BMC Cancer</i> , 2019, 19, 1124.	2.6	9
52	Hypercalcemia After Cosmetic Oil Injections: Unraveling Etiology, Pathogenesis, and Severity. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 322-333.	2.8	9
53	The effects of selected inhibitors on human fetal adrenal steroidogenesis differs under basal and ACTH-stimulated conditions. <i>BMC Medicine</i> , 2021, 19, 204.	5.5	9
54	Interaction between paraoxonase 1 polymorphism and prenatal pesticide exposure on metabolic markers in children using a multiplex approach. <i>Reproductive Toxicology</i> , 2015, 51, 22-30.	2.9	8

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55	Germ Cell Neoplasia in Situ and Preserved Fertility Despite Suppressed Gonadotropins in a Patient With Testotoxicosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4411-4416.	3.6	8
56	Establishment of a Novel Human Fetal Adrenal Culture Model that Supports de Novo and Manipulated Steroidogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 843-857.	3.6	8
57	Environmental Impacts on Male Reproductive Development: Lessons from Experimental Models. <i>Hormone Research in Paediatrics</i> , 2023, 96, 190-206.	1.8	7
58	Ablation of glucocorticoid receptor in the hindbrain of the mouse provides a novel model to investigate stress disorders. <i>Scientific Reports</i> , 2019, 9, 3250.	3.3	6
59	Role of Nodal signalling in testis development and initiation of testicular cancer. <i>Reproduction</i> , 2019, 158, R67-R77.	2.6	6
60	Influence of Nodal signalling on pluripotency factor expression, tumour cell proliferation and cisplatin-sensitivity in testicular germ cell tumours. <i>BMC Cancer</i> , 2020, 20, 349.	2.6	5
61	Deciphering Sex-Specific Differentiation of Human Fetal Gonads: Insight From Experimental Models. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	5
62	Novel functions of the luteinizing hormone/chorionic gonadotropin receptor in prostate cancer cells and patients. <i>PLoS ONE</i> , 2020, 15, e0238814.	2.5	4
63	Treatment options for hypercalcemia after cosmetic oil injections: Lessons from human tissue cultures and a pilot intervention study. <i>Bone</i> , 2022, 154, 116244.	2.9	3
64	A common deletion in the growth hormone receptor gene (d3-GHR) in the offspring is related to maternal placental GH levels during pregnancy. <i>Growth Hormone and IGF Research</i> , 2020, 55, 101360.	1.1	2
65	Serum Concentrations and Gonadal Expression of INSL3 in Eighteen Males With 45,X/46,XY Mosaicism. <i>Frontiers in Endocrinology</i> , 2021, 12, 709954.	3.5	2
66	RANKL regulates testicular cancer growth and Denosumab treatment has suppressive effects on GCNIS and advanced seminoma. <i>British Journal of Cancer</i> , 2022, 127, 408-421.	6.4	2
67	Microdissection of Gonadal Tissues for Gene Expression Analyses. <i>Methods in Molecular Biology</i> , 2011, 755, 307-313.	0.9	1
68	Possible Relevance of Soluble Luteinizing Hormone Receptor during Development and Adulthood in Boys and Men. <i>Cancers</i> , 2021, 13, 1329.	3.7	1
69	Prepubertal and pubertal gonadal morphology, expression of cell lineage markers and hormonal evaluation in two 46,XY siblings with 17 β -hydroxysteroid dehydrogenase 3 deficiency. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2022, 35, 953-961.	0.9	1
70	Response to Letter to the Editor: "Clinical but Not Histological Outcomes in Males With 45,X/46,XY Mosaicism Vary Depending on Reason for Diagnosis". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5812-5813.	3.6	0
71	SUN-039 Characterization of Human Adrenal Steroidogenesis during Fetal Development. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0