

Terje Svingen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82
papers

1,907
citations

24
h-index

41
g-index

88
ext. papers

2,336
ext. citations

4.6
avg, IF

5.12
L-index

#	Paper	IF	Citations
82	Building the mammalian testis: origins, differentiation, and assembly of the component cell populations. <i>Genes and Development</i> , 2013 , 27, 2409-26	12.6	231
81	Hox transcription factors and their elusive mammalian gene targets. <i>Heredity</i> , 2006 , 97, 88-96	3.6	123
80	SOX9 regulates microRNA miR-202-5p/3p expression during mouse testis differentiation. <i>Biology of Reproduction</i> , 2013 , 89, 34	3.9	79
79	Antagonistic regulation of Cyp26b1 by transcription factors SOX9/SF1 and FOXL2 during gonadal development in mice. <i>FASEB Journal</i> , 2011 , 25, 3561-9	0.9	72
78	Female-to-male sex reversal in mice caused by transgenic overexpression of Dmrt1. <i>Development (Cambridge)</i> , 2015 , 142, 1083-8	6.6	69
77	Sox7 and Sox17 are strain-specific modifiers of the lymphangiogenic defects caused by Sox18 dysfunction in mice. <i>Development (Cambridge)</i> , 2009 , 136, 2385-91	6.6	69
76	Anogenital distance as a toxicological or clinical marker for fetal androgen action and risk for reproductive disorders. <i>Archives of Toxicology</i> , 2019 , 93, 253-272	5.8	67
75	Selection of reference genes for quantitative RT-PCR (RT-qPCR) analysis of rat tissues under physiological and toxicological conditions. <i>PeerJ</i> , 2015 , 3, e855	3.1	65
74	Environmental influences on ovarian dysgenesis - developmental windows sensitive to chemical exposures. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 400-414	15.2	62
73	Loss of Wnt5a disrupts primordial germ cell migration and male sexual development in mice. <i>Biology of Reproduction</i> , 2012 , 86, 1-12	3.9	59
72	Identification of suitable normalizing genes for quantitative real-time RT-PCR analysis of gene expression in fetal mouse gonads. <i>Sexual Development</i> , 2009 , 3, 194-204	1.6	59
71	Fluorinated alkyl substances and technical mixtures used in food paper-packaging exhibit endocrine-related activity in vitro. <i>Andrology</i> , 2016 , 4, 662-72	4.2	55
70	Defective survival of proliferating Sertoli cells and androgen receptor function in a mouse model of the ATR-X syndrome. <i>Human Molecular Genetics</i> , 2011 , 20, 2213-24	5.6	51
69	Multiple Endocrine Disrupting Effects in Rats Perinatally Exposed to Butylparaben. <i>Toxicological Sciences</i> , 2016 , 152, 244-56	4.4	51
68	Perinatal exposure to mixtures of endocrine disrupting chemicals reduces female rat follicle reserves and accelerates reproductive aging. <i>Reproductive Toxicology</i> , 2016 , 61, 186-94	3.4	50
67	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. <i>Toxicological Sciences</i> , 2016 , 150, 178-89	4.4	43
66	Altered HOX gene expression in human skin and breast cancer cells. <i>Cancer Biology and Therapy</i> , 2003 , 2, 518-23	4.6	42

65	Three-dimensional imaging of Prox1-EGFP transgenic mouse gonads reveals divergent modes of lymphangiogenesis in the testis and ovary. <i>PLoS ONE</i> , 2012 , 7, e52620	3.7	35
64	An effect-directed strategy for characterizing emerging chemicals in food contact materials made from paper and board. <i>Food and Chemical Toxicology</i> , 2017 , 106, 250-259	4.7	30
63	Enniatin B and beauvericin are common in Danish cereals and show high hepatotoxicity on a high-content imaging platform. <i>Environmental Toxicology</i> , 2017 , 32, 1658-1664	4.2	28
62	Involvement of homeobox genes in mammalian sexual development. <i>Sexual Development</i> , 2007 , 1, 12-23	3.6	25
61	Novel PEX1 mutations and genotype-phenotype correlations in Australasian peroxisome biogenesis disorder patients. <i>Human Mutation</i> , 2002 , 20, 342-51	4.7	25
60	Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells. <i>Scientific Reports</i> , 2015 , 5, 10364	4.9	24
59	Validation of endogenous normalizing genes for expression analyses in adult human testis and germ cell neoplasms. <i>Molecular Human Reproduction</i> , 2014 , 20, 709-18	4.4	24
58	The rhox homeobox gene family shows sexually dimorphic and dynamic expression during mouse embryonic gonad development. <i>Biology of Reproduction</i> , 2008 , 79, 468-74	3.9	24
57	Transcriptomic analysis of mRNA expression and alternative splicing during mouse sex determination. <i>Molecular and Cellular Endocrinology</i> , 2018 , 478, 84-96	4.4	21
56	In vitro and in vivo endocrine disrupting effects of the azole fungicides triticonazole and flusilazole. <i>Environmental Pollution</i> , 2019 , 255, 113309	9.3	21
55	Bisphenols B, E, F, and S and 4-cumylphenol induce lipid accumulation in mouse adipocytes similarly to bisphenol A. <i>Environmental Toxicology</i> , 2020 , 35, 543-552	4.2	19
54	Evaluating thyroid hormone disruption: investigations of long-term neurodevelopmental effects in rats after perinatal exposure to perfluorohexane sulfonate (PFHxS). <i>Scientific Reports</i> , 2020 , 10, 2672	4.9	18
53	Exposure to a glyphosate-based herbicide formulation, but not glyphosate alone, has only minor effects on adult rat testis. <i>Reproductive Toxicology</i> , 2018 , 82, 25-31	3.4	18
52	Removing Critical Gaps in Chemical Test Methods by Developing New Assays for the Identification of Thyroid Hormone System-Disrupting Chemicals-The ATHENA Project. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
51	Comparative proteomic analysis to study molecular events during gonad development in mice. <i>Genesis</i> , 2006 , 44, 168-76	1.9	17
50	Primary cilia function regulates the length of the embryonic trunk axis and urogenital field in mice. <i>Developmental Biology</i> , 2014 , 395, 342-54	3.1	16
49	Ex vivo magnetofection: a novel strategy for the study of gene function in mouse organogenesis. <i>Developmental Dynamics</i> , 2009 , 238, 956-64	2.9	16
48	Sex-specific expression of a novel gene Tmem184a during mouse testis differentiation. <i>Reproduction</i> , 2007 , 133, 983-9	3.8	16

47	The tert-butylhydroquinone-mediated activation of the human thioredoxin gene reveals a novel promoter structure. <i>Biochemical Journal</i> , 2006 , 398, 269-77	3.8	15
46	Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals. <i>Archives of Toxicology</i> , 2020 , 94, 3359-3379	5.8	15
45	A pragmatic approach for human risk assessment of chemical mixtures. <i>Current Opinion in Toxicology</i> , 2019 , 15, 1-7	4.4	15
44	Aard is specifically up-regulated in Sertoli cells during mouse testis differentiation. <i>International Journal of Developmental Biology</i> , 2007 , 51, 255-8	1.9	13
43	SOX9 regulates expression of the male fertility gene Ets variant factor 5 (ETV5) during mammalian sex development. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 41-51	5.6	12
42	Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides. <i>Scientific Reports</i> , 2018 , 8, 305	4.9	11
41	Expression pattern of clinically relevant markers in paediatric germ cell- and sex-cord stromal tumours is similar to adult testicular tumours. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014 , 465, 567-77	5.1	10
40	Prokr2-deficient mice display vascular dysmorphology of the fetal testes: potential implications for Kallmann syndrome aetiology. <i>Sexual Development</i> , 2011 , 5, 294-303	1.6	9
39	Juvenile Male Rats Exposed to a Low-Dose Mixture of Twenty-Seven Environmental Chemicals Display Adverse Health Effects. <i>PLoS ONE</i> , 2016 , 11, e0162027	3.7	9
38	Safeguarding Female Reproductive Health against Endocrine Disrupting Chemicals-The FREIA Project. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
37	Expansion of the Ago gene family in the teleost clade. <i>Development Genes and Evolution</i> , 2011 , 221, 95-108	10.8	8
36	Intrauterine exposure to diethylhexyl phthalate disrupts gap junctions in the fetal rat testis. <i>Current Research in Toxicology</i> , 2020 , 1, 5-11	2.7	7
35	Quantitative to Extrapolation (QIVIVE) for Predicting Reduced Anogenital Distance Produced by Anti-Androgenic Pesticides in a Rodent Model for Male Reproductive Disorders. <i>Environmental Health Perspectives</i> , 2020 , 128, 117005	8.4	7
34	Transcriptome analysis of fetal rat testis following intrauterine exposure to the azole fungicides triticonazole and flusilazole reveals subtle changes despite adverse endocrine effects. <i>Chemosphere</i> , 2021 , 264, 128468	8.4	7
33	Distinct Transcriptional Profiles of the Female, Male, and Finasteride-Induced Feminized Male Anogenital Region in Rat Fetuses. <i>Toxicological Sciences</i> , 2019 , 169, 303-311	4.4	6
32	Developmental biology meets toxicology: contributing reproductive mechanisms to build adverse outcome pathways. <i>Molecular Human Reproduction</i> , 2020 , 26, 111-116	4.4	6
31	Sox9-dependent expression of Gstm6 in Sertoli cells during testis development in mice. <i>Reproduction</i> , 2009 , 137, 481-6	3.8	6
30	Protein tyrosine kinase 2 beta (PTK2B), but not focal adhesion kinase (FAK), is expressed in a sexually dimorphic pattern in developing mouse gonads. <i>Developmental Dynamics</i> , 2010 , 239, 2735-41	2.9	6

29	Validation of endogenous reference genes in rat cerebral cortex for RT-qPCR analyses in developmental toxicity studies. <i>PeerJ</i> , 2019 , 7, e7181	3.1	6
28	A Pragmatic Approach to Adverse Outcome Pathway Development and Evaluation. <i>Toxicological Sciences</i> , 2021 , 184, 183-190	4.4	6
27	On the Use and Interpretation of Areola/Nipple Retention as a Biomarker for Anti-androgenic Effects in Rat Toxicity Studies.. <i>Frontiers in Toxicology</i> , 2021 , 3, 730752	1.6	5
26	Using assessment criteria for pesticides to evaluate the endocrine disrupting potential of non-pesticide chemicals: Case butylparaben. <i>Environment International</i> , 2020 , 144, 105996	12.9	5
25	Hedgehog signal disruption, gonadal dysgenesis and reproductive disorders: Is there a link to endocrine disrupting chemicals?. <i>Current Research in Toxicology</i> , 2020 , 1, 116-123	2.7	4
24	Classical toxicity endpoints in female rats are insensitive to the human endocrine disruptors diethylstilbestrol and ketoconazole. <i>Reproductive Toxicology</i> , 2021 , 101, 9-17	3.4	4
23	Perinatal exposure to known endocrine disrupters alters ovarian development and systemic steroid hormone profile in rats. <i>Toxicology</i> , 2021 , 458, 152821	4.4	4
22	Testing for heterotopia formation in rats after developmental exposure to selected in vitro inhibitors of thyroperoxidase. <i>Environmental Pollution</i> , 2021 , 283, 117135	9.3	4
21	Exploiting advances in transcriptomics to improve on human-relevant toxicology. <i>Current Opinion in Toxicology</i> , 2018 , 11-12, 43-50	4.4	3
20	PFOS-induced thyroid hormone system disrupted rats display organ-specific changes in their transcriptomes.. <i>Environmental Pollution</i> , 2022 , 119340	9.3	3
19	Exposure to perfluorononanoic acid combined with a low-dose mixture of 14 human-relevant compounds disturbs energy/lipid homeostasis in rats. <i>Metabolomics</i> , 2015 , 11, 1451-1464	4.7	2
18	Calretinin is a novel candidate marker for adverse ovarian effects of early life exposure to mixtures of endocrine disruptors in the rat. <i>Archives of Toxicology</i> , 2020 , 94, 1241-1250	5.8	2
17	Developmental exposure to the DE-71 mixture of polybrominated diphenyl ether (PBDE) flame retardants induce a complex pattern of endocrine disrupting effects in rats.. <i>PeerJ</i> , 2022 , 10, e12738	3.1	2
16	Environmental Impacts on Male Reproductive Development: Lessons from Experimental Models. <i>Hormone Research in Paediatrics</i> , 2021 ,	3.3	2
15	Perinatal exposure to the thyroperoxidase inhibitors methimazole and amitrole perturbs thyroid hormone system signaling and alters motor activity in rat offspring. <i>Toxicology Letters</i> , 2021 , 354, 44-55	4.4	2
14	Adult female rats perinatally exposed to perfluorohexane sulfonate (PFHxS) and a mixture of endocrine disruptors display increased body/fat weights without a transcriptional footprint in fat cells. <i>Toxicology Letters</i> , 2021 , 339, 78-87	4.4	2
13	Human-relevant concentrations of the antifungal drug clotrimazole disrupt maternal and fetal steroid hormone profiles in rats. <i>Toxicology and Applied Pharmacology</i> , 2021 , 422, 115554	4.6	2
12	A putative adverse outcome pathway network for disrupted female pubertal onset to improve testing and regulation of endocrine disrupting chemicals. <i>Neuroendocrinology</i> , 2021 ,	5.6	2

11	Using alternative test methods to predict endocrine disruption and reproductive adverse outcomes: do we have enough knowledge?. <i>Environmental Pollution</i> , 2022 , 119242	9.3	2
10	Plastics 2018 , 619-623		1
9	Effects of the Hedgehog Signaling Inhibitor Itraconazole on Developing Rat Ovaries. <i>Toxicological Sciences</i> , 2021 , 182, 60-69	4.4	1
8	Comments on Li et al. Effects of in Utero Exposure to Dicyclohexyl Phthalate on Rat Fetal Leydig Cells. <i>Int. J. Environ. Res. Public Health</i> 2016, 13, 246. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	1
7	AOP Key Event Relationship report: Linking decreased retinoic acid levels with disrupted meiosis in developing oocytes.. <i>Current Research in Toxicology</i> , 2022 , 3, 100069	2.7	1
6	Azole Fungicides and Their Endocrine Disrupting Properties: Perspectives on Sex Hormone-Dependent Reproductive Development.. <i>Frontiers in Toxicology</i> , 2022 , 4, 883254	1.6	1
5	Developmental effects of PFOS, PFOA and GenX in a 3D human induced pluripotent stem cell differentiation model. <i>Chemosphere</i> , 2021 , 279, 130624	8.4	0
4	Functional Analysis of Mmd2 and Related PAQR Genes During Sex Determination in Mice.. <i>Sexual Development</i> , 2022 , 1-13	1.6	0
3	Endocrine Disruptors in a New Era of Predictive Toxicology and Dealing With the Challenge.. <i>Frontiers in Toxicology</i> , 2022 , 4, 900479	1.6	0
2	Testes Embryology: Cellular Molecular Changes 2015 , 664-669		
1	Anogenital Distance: Features, Measures, and Uses as a Biomarker for Toxicity In Utero. <i>Biomarkers in Disease</i> , 2022 , 1-13		