

Rex A Hess

List of Publications by Year in descending order

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66
papers

3,815
citations

145106

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docs citations

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times ranked

4170
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy core protein ATG5 is required for elongating spermatid development, sperm individualization and normal fertility in male mice. <i>Autophagy</i> , 2021, 17, 1753-1767.	4.3	65
2	The protein YWHAE (14-3-3 epsilon) in spermatozoa is essential for male fertility. <i>Andrology</i> , 2021, 9, 312-328.	1.9	6
3	Estrogens and development of the rete testis, efferent ductules, epididymis and vas deferens. <i>Differentiation</i> , 2021, 118, 41-71.	1.0	20
4	Insights into differentiation and function of the transition region between the seminiferous tubule and rete testis. <i>Differentiation</i> , 2021, 120, 36-47.	1.0	13
5	Tumor-Associated Macrophages (TAM) are recruited to the aging prostate epithelial lesions and become intermingled with basal cells. <i>Andrology</i> , 2020, 8, 1375-1386.	1.9	7
6	The essential role of intraflagellar transport protein IFT81 in male mice spermiogenesis and fertility. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C1092-C1106.	2.1	20
7	Rare mutations in the complement regulatory gene CSMD1 are associated with male and female infertility. <i>Nature Communications</i> , 2019, 10, 4626.	5.8	24
8	Intraflagellar transport protein 74 is essential for spermatogenesis and male fertility in mice. <i>Biology of Reproduction</i> , 2019, 101, 188-199.	1.2	28
9	Motile cilia of the male reproductive system require miR-34/miR-449 for development and function to generate luminal turbulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3584-3593.	3.3	79
10	RNF216 is essential for spermatogenesis and male fertility. <i>Biology of Reproduction</i> , 2019, 100, 1132-1134.	1.2	19
11	Seasonal variation of cell proliferation and apoptosis in the efferent ductules and epididymis of the Neotropical bat <i>Artibeus lituratus</i> (Chiroptera, Phyllostomidae). <i>General and Comparative Endocrinology</i> , 2019, 273, 3-10.	0.8	10
12	Estrogen in the male: a historical perspective. <i>Biology of Reproduction</i> , 2018, 99, 27-44.	1.2	88
13	Cell-Cell Interactions. <i>Structural</i> , 2018, , 68-75.		4
14	Rete Testis: Structure, Cell Biology and Site for Stem Cell Transplantation. , 2018, , 263-269.		5
15	Efferent Ductules: Structure and Function. , 2018, , 270-278.		6
16	Endocrinology and Pathology of Rete Testis and Efferent Ductules. , 2018, , 279-285.		2
17	Estrogens in Male Physiology. <i>Physiological Reviews</i> , 2017, 97, 995-1043.	13.1	320
18	Intraflagellar transporter protein (IFT27), an IFT25 binding partner, is essential for male fertility and spermiogenesis in mice. <i>Developmental Biology</i> , 2017, 432, 125-139.	0.9	59

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19	Prenatal exposure to DEHP induces premature reproductive senescence in male mice. <i>Toxicological Sciences</i> , 2017, 156, kfw248.	1.4	70
20	Transcription Factor RFX2 Is a Key Regulator of Mouse Spermiogenesis. <i>Scientific Reports</i> , 2016, 6, 20435.	1.6	51
21	The Sertoli cell: one hundred fifty years of beauty and plasticity. <i>Andrology</i> , 2016, 4, 189-212.	1.9	289
22	E2f4 and E2f5 are essential for the development of the male reproductive system. <i>Cell Cycle</i> , 2016, 15, 250-260.	1.3	48
23	Lessons learned in Andrology: Yves Clermont, an interview by Lonnie D. Russell. <i>Andrology</i> , 2015, 3, 1015-1021.	1.9	2
24	Peroxisome Proliferator-activated Receptor-D (PPARD) Coordinates Mouse Spermatogenesis by Modulating Extracellular Signal-regulated Kinase (ERK)-dependent Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 23416-23431.	1.6	17
25	Disruption of estrogen receptor signaling and similar pathways in the efferent ductules and initial segment of the epididymis. <i>Spermatogenesis</i> , 2014, 4, e979103.	0.8	32
26	Acute and Chronic Effects of a Contraceptive Compound <sc>RTI</sc>â€4587â€073(l) on Testicular Histology and Endocrine Function in Miniature Horse Stallions. <i>Reproduction in Domestic Animals</i> , 2014, 49, 392-402.	0.6	5
27	Ductuli efferentes of the male Golden Syrian hamster reproductive tract. <i>Andrology</i> , 2014, 2, 510-520.	1.9	22
28	Effects of the oestrogen receptor antagonist Fulvestrant on expression of genes that affect organization of the epididymal epithelium. <i>Andrology</i> , 2014, 2, 559-571.	1.9	15
29	Estrogen and Its Receptors in Efferent Ductules and Epididymis. <i>Journal of Andrology</i> , 2011, 32, 600-613.	2.0	107
30	Cul4A is essential for spermatogenesis and male fertility. <i>Developmental Biology</i> , 2011, 352, 278-287.	0.9	76
31	Estrogen, Efferent Ductules, and the Epididymis. <i>Biology of Reproduction</i> , 2011, 84, 207-217.	1.2	115
32	Absence of Estrogen Receptor Alpha Leads to Physiological Alterations in the Mouse Epididymis and Consequent Defects in Sperm Function1. <i>Biology of Reproduction</i> , 2010, 82, 948-957.	1.2	78
33	Spermatogonial stem cells, <i>in vivo</i> transdifferentiation and human regenerative medicine. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 519-530.	1.4	12
34	Claudin 5 Expression in Mouse Seminiferous Epithelium Is Dependent upon the Transcription Factor Ets Variant 5 and Contributes to Blood-Testis Barrier Function1. <i>Biology of Reproduction</i> , 2009, 81, 871-879.	1.2	88
35	Cellular and Regional Distributions of Ubiquitinâ€Proteasome and Endocytotic Pathway Components in the Epithelium of Rat Efferent Ductules and Initial Segment of the Epididymis. <i>Journal of Andrology</i> , 2009, 30, 590-601.	2.0	7
36	Vitamin D3 and androgen receptors in testis and epididymal region of roosters (<i>Gallus domesticus</i>) as affected by epididymal lithiasis. <i>Animal Reproduction Science</i> , 2008, 109, 343-355.	0.5	33

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37	Effects of ETV5 (Ets Variant Gene 5) on Testis and Body Growth, Time Course of Spermatogonial Stem Cell Loss, and Fertility in Mice ¹ . <i>Biology of Reproduction</i> , 2008, 78, 483-489.	1.2	63
38	Mechanistic Insights into the Regulation of the Spermatogonial Stem Cell Niche. <i>Cell Cycle</i> , 2006, 5, 1164-1170.	1.3	79
39	Aquaporin ¹ and ⁹ are differentially regulated by oestrogen in the efferent ductule epithelium and initial segment of the epididymis. <i>Biology of the Cell</i> , 2005, 97, 385-395.	0.7	99
40	Male Reproductive Toxicity of Trichloroethylene: Sperm Protein Oxidation and Decreased Fertilizing Ability ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1518-1526.	1.2	24
41	Immunofluorescence Reveals Ubiquitination of Retained Distal Cytoplasmic Droplets on Ejaculated Porcine Spermatozoa. <i>Journal of Andrology</i> , 2004, 25, 340-347.	2.0	41
42	Stage-specific effects of the fungicide carbendazim on Sertoli cell microtubules in rat testis. <i>Tissue and Cell</i> , 2002, 34, 73-80.	1.0	38
43	Oestrogen, its receptors and function in the male reproductive tract – a review. <i>Molecular and Cellular Endocrinology</i> , 2001, 178, 29-38.	1.6	118
44	Infertility and Testicular Atrophy in the Antiestrogen-Treated Adult Male Rat ¹ . <i>Biology of Reproduction</i> , 2001, 65, 913-920.	1.2	80
45	Estrogen Receptor ¹ Has a Functional Role in the Mouse Rete Testis and Efferent Ductules ¹ . <i>Biology of Reproduction</i> , 2000, 63, 1873-1880.	1.2	126
46	Testicular Toxicity of Molinate in the Rat: Metabolic Activation via Sulfoxidation. <i>Toxicology and Applied Pharmacology</i> , 1998, 149, 159-166.	1.3	48
47	Carbendazim-induced abnormal development of the acrosome during early phases of spermiogenesis in the rat testis. <i>Cell and Tissue Research</i> , 1998, 294, 145-152.	1.5	31
48	Endocrine Modulation of Reproduction. <i>Toxicological Sciences</i> , 1996, 29, 1-17.	1.4	1
49	The effect of ultrasound exposure in utero on the development of the fetal mouse testis: Adult consequences. <i>Ultrasound in Medicine and Biology</i> , 1995, 21, 1247-1257.	0.7	5
50	Rooster Testicular Germ Cells and Epididymal Sperm Contain P450 Aromatase ¹ . <i>Biology of Reproduction</i> , 1995, 53, 1259-1264.	1.2	84
51	Intratubular Spermatic Granulomas of the Canine Efferent Ductules. <i>Toxicologic Pathology</i> , 1995, 23, 731-734.	0.9	20
52	Characteristics of mitotic cells in developing and adult testes with observations on cell lineages. <i>Tissue and Cell</i> , 1995, 27, 105-128.	1.0	49
53	Developmental Expression of Testis Messenger Ribonucleic Acids in the Rat Following Propylthiouracil-Induced Neonatal Hypothyroidism ¹ . <i>Biology of Reproduction</i> , 1994, 51, 706-713.	1.2	73
54	Structure and function of the ductuli efferentes: A review. <i>Microscopy Research and Technique</i> , 1994, 29, 432-467.	1.2	191

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55	Morphological changes in the rat sertoli cell induced by the microtubule poison carbendazim. <i>Tissue and Cell</i> , 1994, 26, 917-927.	1.0	60
56	Induction of Increased Testis Growth and Sperm Production in Adult Rats by Neonatal Administration of the Goitrogen Propylthiouracil (PTU): The Critical Period. <i>Biology of Reproduction</i> , 1992, 46, 146-154.	1.2	107
57	Immortalization of germ cells and somatic testicular cells using the SV40 large T antigen. <i>Experimental Cell Research</i> , 1992, 201, 417-435.	1.2	241
58	Cytoplasmic droplets of painted turtle spermatozoa. <i>Journal of Morphology</i> , 1992, 214, 153-158.	0.6	10
59	Effects of in Utero Ultrasound Exposure on the Development of the Fetal Mouse Testis ¹ . <i>Biology of Reproduction</i> , 1991, 45, 432-439.	1.2	12
60	Frequency of the Stages in the Cycle of the Seminiferous Epithelium in the Rat ¹ . <i>Biology of Reproduction</i> , 1990, 43, 517-524.	1.2	93
61	Acute Effects and Long-Term Sequelae of 1,3-Dinitrobenzene on Male Reproduction in the Rat II. Quantitative and Qualitative Histopathology of the Testis. <i>Journal of Andrology</i> , 1988, 9, 327-342.	2.0	107
62	The Fungicide Methyl 2-Benzimidazole Carbamate Causes Infertility in Male Sprague-Dawley Rats ¹² . <i>Biology of Reproduction</i> , 1987, 37, 709-717.	1.2	87
63	Neonatal deaths and pulmonary dysplasia due to D-penicillamine in the rat. <i>Teratology</i> , 1982, 26, 1-9.	1.8	22
64	Perinatal death and respiratory apparatus dysgenesis due to a bis (dichloroacetyl) diamine. <i>Teratology</i> , 1982, 26, 155-162.	1.8	12
65	The Ultrastructure of Collagen in the Dermis of Tight-skin (Tsk) Mutant Mice. <i>Journal of Investigative Dermatology</i> , 1980, 74, 139-147.	0.3	46
66	Ultrastructural features of osmotic shock in mussel gill cilia. <i>Journal of Ultrastructure Research</i> , 1977, 60, 34-43.	1.4	6