

John H Richburg

List of Publications by Year in descending order

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48
papers

3,032
citations

172457

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50
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docs citations

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times ranked

2076
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fas System Is a Key Regulator of Germ Cell Apoptosis in the Testis*. Endocrinology, 1997, 138, 2081-2088.	2.8	465
2	The Fas System, a Regulator of Testicular Germ Cell Apoptosis, Is Differentially Up-Regulated in Sertoli Cell Versus Germ Cell Injury of the Testis*. Endocrinology, 1999, 140, 852-858.	2.8	259
3	Mono-(2-ethylhexyl) Phthalate Rapidly Alters both Sertoli Cell Vimentin Filaments and Germ Cell Apoptosis in Young Rat Testes. Toxicology and Applied Pharmacology, 1996, 137, 42-50.	2.8	252
4	The Fas System Is a Key Regulator of Germ Cell Apoptosis in the Testis. Endocrinology, 1997, 138, 2081-2088.	2.8	168
5	The relevance of spontaneous- and chemically-induced alterations in testicular germ cell apoptosis to toxicology. Toxicology Letters, 2000, 112-113, 79-86.	0.8	141
6	Sensitivity of Testicular Germ Cells to Toxicant-Induced Apoptosis in gld Mice That Express a Nonfunctional Form of Fas Ligand1. Endocrinology, 2000, 141, 787-793.	2.8	116
7	The Fas System, a Regulator of Testicular Germ Cell Apoptosis, Is Differentially Up-Regulated in Sertoli Cell Versus Germ Cell Injury of the Testis. Endocrinology, 1999, 140, 852-858.	2.8	111
8	Cisplatin-Induced Long-Term Failure of Spermatogenesis in Adult C57/Bl/6J Mice. Journal of Andrology, 2005, 26, 136-145.	2.0	90
9	Perturbation of the Mitosis/Apoptosis Balance: A Fundamental Mechanism in Toxicology,. Fundamental and Applied Toxicology, 1997, 38, 107-115.	1.8	85
10	Mono-(2-Ethylhexyl) Phthalate-Induced Disruption of Junctional Complexes in the Seminiferous Epithelium of the Rodent Testis Is Mediated by MMP21. Biology of Reproduction, 2010, 82, 516-527.	2.7	85
11	Participation of the Fas-Signaling System in the Initiation of Germ Cell Apoptosis in Young Rat Testes after Exposure to Mono-(2-Ethylhexyl) Phthalate. Toxicology and Applied Pharmacology, 1999, 160, 271-278.	2.8	83
12	TNF Alpha-Mediated Disruption of Spermatogenesis in Response to Sertoli Cell Injury in Rodents Is Partially Regulated by MMP21. Biology of Reproduction, 2009, 80, 581-589.	2.7	83
13	Estrogen-Dependent and -Independent Estrogen Receptor- α Signaling Separately Regulate Male Fertility. Endocrinology, 2009, 150, 2898-2905.	2.8	70
14	Transcriptional Regulation of FasL Expression and Participation of sTNF- α in Response to Sertoli Cell Injury. Journal of Biological Chemistry, 2007, 282, 5420-5431.	3.4	65
15	The role of E3 ligases in the ubiquitin-dependent regulation of spermatogenesis. Seminars in Cell and Developmental Biology, 2014, 30, 27-35.	5.0	59
16	Death Receptor Response in Rodent Testis after Mono-(2-ethylhexyl) Phthalate Exposure. Toxicology and Applied Pharmacology, 2002, 185, 119-127.	2.8	55
17	Cisplatin-induced long-term failure of spermatogenesis in adult C57/Bl/6J mice. Journal of Andrology, 2005, 26, 136-45.	2.0	48
18	Preservation of the rate and profile of xenobiotic metabolism in rat hepatocytes stored in liquid nitrogen. Biochemical Pharmacology, 1993, 46, 111-116.	4.4	47

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19	Sensitivity of Testicular Germ Cells to Toxicant-Induced Apoptosis in gld Mice That Express a Nonfunctional Form of Fas Ligand. <i>Endocrinology</i> , 2000, 141, 787-793.	2.8	46
20	Implications of Sertoli cell induced germ cell apoptosis to testicular pathology. <i>Spermatogenesis</i> , 2014, 4, e979110.	0.8	45
21	Cisplatin-induced pulse of germ cell apoptosis precedes long-term elevated apoptotic rates in C57/BL/6 mouse testis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2003, 8, 101-108.	4.9	44
22	Expression of Fas system-related genes in the testis during development and after toxicant exposure. <i>Toxicology Letters</i> , 1998, 102-103, 503-508.	0.8	42
23	Seminiferous Tubule Fluid Secretion Is a Sertoli Cell Microtubule-Dependent Process Inhibited by 2,5-Hexanedione Exposure. <i>Toxicology and Applied Pharmacology</i> , 1994, 128, 302-309.	2.8	40
24	FasL Gene-Deficient Mice Display a Limited Disruption in Spermatogenesis and Inhibition of Mono-(2-ethylhexyl) Phthalate-Induced Germ Cell Apoptosis. <i>Toxicological Sciences</i> , 2010, 114, 335-345.	3.1	38
25	Influence of TRP53 Status on FAS Membrane Localization, CFLAR (c-FLIP) Ubiquitylation, and Sensitivity of GC-2spd (ts) Cells to Undergo FAS-Mediated Apoptosis. <i>Biology of Reproduction</i> , 2006, 74, 560-568.	2.7	37
26	Testicular germ cell sensitivity to TRAIL-induced apoptosis is dependent upon p53 expression and is synergistically enhanced by DR5 agonistic antibody treatment. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 2237-2250.	4.9	36
27	Fas- or FasL-deficient mice display an increased sensitivity to nitrobenzene-induced testicular germ cell apoptosis. <i>Toxicology Letters</i> , 2003, 139, 1-10.	0.8	33
28	Reversible and irreversible oxidant injury to PC12 cells by hydrogen peroxide. <i>Free Radical Biology and Medicine</i> , 1992, 12, 137-144.	2.9	32
29	Sertoli Cell Toxicants. , 2005, , 345-382.		32
30	The p53 Protein Influences the Sensitivity of Testicular Germ Cells to Mono-(2-Ethylhexyl) Phthalate-Induced Apoptosis by Increasing the Membrane Levels of Fas and DR5 and Decreasing the Intracellular Amount of c-FLIP1. <i>Biology of Reproduction</i> , 2005, 72, 206-213.	2.7	31
31	Deficient LRRC8A-dependent volume-regulated anion channel activity is associated with male infertility in mice. <i>JCI Insight</i> , 2018, 3, .	5.0	29
32	Age- and Species-Dependent Infiltration of Macrophages into the Testis of Rats and Mice Exposed to Mono-(2-Ethylhexyl) Phthalate (MEHP). <i>Biology of Reproduction</i> , 2014, 91, 18.	2.7	27
33	Mono-(2-Ethylhexyl) Phthalate (MEHP) Promotes Invasion and Migration of Human Testicular Embryonal Carcinoma Cells. <i>Biology of Reproduction</i> , 2012, 86, 160, 1-10.	2.7	26
34	Cisplatin-induced alterations in the functional spermatogonial stem cell pool and niche in C57/BL/6 mice following a clinically relevant multi-cycle exposure. <i>Toxicology Letters</i> , 2014, 227, 99-112.	0.8	22
35	Transcriptional Suppression of Sertoli Cell Timp2 in Rodents Following Mono-(2-ethylhexyl) Phthalate Exposure Is Regulated by CEBPA and MYC1. <i>Biology of Reproduction</i> , 2011, 85, 1203-1215.	2.7	21
36	Characterization of the Role of Tumor Necrosis Factor Apoptosis Inducing Ligand (TRAIL) in Spermatogenesis through the Evaluation of Trail Gene-Deficient Mice. <i>PLoS ONE</i> , 2014, 9, e93926.	2.5	16

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37	Mono-(2-ethylhexyl) phthalate-induced Sertoli cell injury stimulates the production of pro-inflammatory cytokines in Fischer 344 rats. <i>Reproductive Toxicology</i> , 2017, 69, 150-158.	2.9	16
38	MEHP-induced rat testicular inflammation does not exacerbate germ cell apoptosis. <i>Reproduction</i> , 2018, 156, 35-46.	2.6	13
39	Age-dependent alterations in spermatogenesis in <i>Itchy</i> mice. <i>Spermatogenesis</i> , 2012, 2, 104-116.	0.8	12
40	Microtubules with altered assembly kinetics have a decreased rate of kinesin-based transport. <i>Cytoskeleton</i> , 1994, 27, 79-87.	4.4	11
41	Copper transporter 1 (CTR1) expression by mouse testicular germ cells, but not Sertoli cells, is essential for functional spermatogenesis. <i>PLoS ONE</i> , 2019, 14, e0215522.	2.5	10
42	Peritubular Macrophages Are Recruited to the Testis of Peripubertal Rats After Mono-(2-Ethylhexyl) Phthalate Exposure and Is Associated With Increases in the Numbers of Spermatogonia. <i>Toxicological Sciences</i> , 2021, 182, 288-296.	3.1	6
43	Mice with a Sertoli cell-specific knockout of the <i>Ctr1</i> gene exhibit a reduced sensitivity to cisplatin-induced testicular germ cell apoptosis. <i>Toxicology Research</i> , 2019, 8, 972-978.	2.1	5
44	Diisopropyl Fluorophosphate Inhibits Receptor-Activated Ca ²⁺ Influx in Isolated Rat Hepatocytes. <i>Toxicology and Applied Pharmacology</i> , 1994, 126, 178-185.	2.8	3
45	Perturbation of the Mitosis/Apoptosis Balance: A Fundamental Mechanism in Toxicology. <i>Toxicological Sciences</i> , 1997, 38, 107-115.	3.1	3
46	The Fas System is a Key Regulator of Germ Cell Apoptosis in the Testis. <i>Journal of Urology</i> , 1998, 160, 623-623.	0.4	3
47	Featured Article: Female mice with loss-of-function <i>ITCH</i> display an altered reproductive phenotype. <i>Experimental Biology and Medicine</i> , 2016, 241, 367-374.	2.4	3
48	The Role of Death Receptor Signaling in Testicular Germ-Cell Apoptosis Triggered by Mono-(2-ethylhexyl) Phthalate (MEHP)-Induced Sertoli Cell Injury and Its Implications for Risk Assessment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 793-809.	2.3	2