

# John H Richburg

## List of Publications by Year in descending order

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46  
papers

3,032  
citations

201385

27  
h-index

233125

45  
g-index

50  
all docs

50  
docs citations

50  
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.	1.4	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.	1.4	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.	1.3	252
4	The Fas System Is a Key Regulator of Germ Cell Apoptosis in the Testis. , 0, .		168
5	The relevance of spontaneous- and chemically-induced alterations in testicular germ cell apoptosis to toxicology. Toxicology Letters, 2000, 112-113, 79-86.	0.4	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.	1.4	116
7	Cisplatinâ€induced Longâ€term Failure of Spermatogenesis in Adult C57/Bl/6J Mice. Journal of Andrology, 2005, 26, 136-145.	2.0	90
8	Perturbation of the Mitosis/Apoptosis Balance: A Fundamental Mechanism in Toxicology,. Fundamental and Applied Toxicology, 1997, 38, 107-115.	1.9	85
9	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.	1.2	85
10	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.	1.3	83
11	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.	1.2	83
12	Estrogen-Dependent and -Independent Estrogen Receptor-1± Signaling Separately Regulate Male Fertility. Endocrinology, 2009, 150, 2898-2905.	1.4	70
13	Transcriptional Regulation of FasL Expression and Participation of sTNF-1± in Response to Sertoli Cell Injury. Journal of Biological Chemistry, 2007, 282, 5420-5431.	1.6	65
14	The role of E3 ligases in the ubiquitin-dependent regulation of spermatogenesis. Seminars in Cell and Developmental Biology, 2014, 30, 27-35.	2.3	59
15	Death Receptor Response in Rodent Testis after Mono-(2-ethylhexyl) Phthalate Exposure. Toxicology and Applied Pharmacology, 2002, 185, 119-127.	1.3	55
16	Cisplatin-induced long-term failure of spermatogenesis in adult C57/Bl/6J mice. Journal of Andrology, 2005, 26, 136-45.	2.0	48
17	Preservation of the rate and profile of xenobiotic metabolism in rat hepatocytes stored in liquid nitrogen. Biochemical Pharmacology, 1993, 46, 111-116.	2.0	47
18	Implications of Sertoli cell induced germ cell apoptosis to testicular pathology. Spermatogenesis, 2014, 4, e979110.	0.8	45

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19	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.	2.2	44
20	Expression of Fas system-related genes in the testis during development and after toxicant exposure. <i>Toxicology Letters</i> , 1998, 102-103, 503-508.	0.4	42
21	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.	1.3	40
22	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.	1.4	38
23	Influence of TRP53 Status on FAS Membrane Localization, CFLAR (c-FLIP) Ubiquitinylation, and Sensitivity of GC-2spd (ts) Cells to Undergo FAS-Mediated Apoptosis. <i>Biology of Reproduction</i> , 2006, 74, 560-568.	1.2	37
24	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.	2.2	36
25	Fas- or FasL-deficient mice display an increased sensitivity to nitrobenzene-induced testicular germ cell apoptosis. <i>Toxicology Letters</i> , 2003, 139, 1-10.	0.4	33
26	Reversible and irreversible oxidant injury to PC12 cells by hydrogen peroxide. <i>Free Radical Biology and Medicine</i> , 1992, 12, 137-144.	1.3	32
27	Sertoli Cell Toxicants. , 2005, , 345-382.		32
28	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.	1.2	31
29	Deficient LRRC8A-dependent volume-regulated anion channel activity is associated with male infertility in mice. <i>JCI Insight</i> , 2018, 3, .	2.3	29
30	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.	1.2	27
31	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.	1.2	26
32	Cisplatin-induced alterations in the functional spermatogonial stem cell pool and niche in C57/BL/6j mice following a clinically relevant multi-cycle exposure. <i>Toxicology Letters</i> , 2014, 227, 99-112.	0.4	22
33	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.	1.2	21
34	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.	1.1	16
35	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.	1.3	16
36	MEHP-induced rat testicular inflammation does not exacerbate germ cell apoptosis. <i>Reproduction</i> , 2018, 156, 35-46.	1.1	13

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37	Age-dependent alterations in spermatogenesis in <i>itchy</i> mice. <i>Spermatogenesis</i> , 2012, 2, 104-116.	0.8	12
38	Microtubules with altered assembly kinetics have a decreased rate of kinesin-based transport. <i>Cytoskeleton</i> , 1994, 27, 79-87.	4.4	11
39	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.	1.1	10
40	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.	1.4	6
41	Mice with a Sertoli cell-specific knockout of the <i>Ctrl</i> gene exhibit a reduced sensitivity to cisplatin-induced testicular germ cell apoptosis. <i>Toxicology Research</i> , 2019, 8, 972-978.	0.9	5
42	Diisopropyl Fluorophosphate Inhibits Receptor-Activated Ca <sup>2+</sup> Influx in Isolated Rat Hepatocytes. <i>Toxicology and Applied Pharmacology</i> , 1994, 126, 178-185.	1.3	3
43	Perturbation of the Mitosis/Apoptosis Balance: A Fundamental Mechanism in Toxicology. <i>Toxicological Sciences</i> , 1997, 38, 107-115.	1.4	3
44	The Fas System is a Key Regulator of Germ Cell Apoptosis in the Testis. <i>Journal of Urology</i> , 1998, 160, 623-623.	0.2	3
45	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.	1.1	3
46	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.	1.1	2