William A Ricke

List of Publications by Year
in descending order

86 papers	3,631 citations	172457 29 h-index	138484 58 g-index
89 all docs	89 docs citations	89 times ranked	4729 citing authors

#	Article	IF	Citations
1	Effect of Metabolic Syndrome on Anatomy and Function of the Lower Urinary Tract Assessed on MRI. Urology, 2022, 159, 176-181.	1.0	1
2	Bisphenol-A analogs induce lower urinary tract dysfunction in male mice. Biochemical Pharmacology, 2022, 197, 114889.	4.4	6
3	Complementary proteome and glycoproteome access revealed through comparative analysis of reversed phase and porous graphitic carbon chromatography. Analytical and Bioanalytical Chemistry, 2022, 414, 5461-5472.	3.7	3
4	The rising worldwide impact of benign prostatic hyperplasia. BJU International, 2021, 127, 722-728.	2.5	67
5	Expression, Localization, and Function of the Nucleolar Protein BOP1 in Prostate Cancer Progression. American Journal of Pathology, 2021, 191, 168-179.	3.8	6
6	A multi-omic investigation of male lower urinary tract symptoms: Potential role for JC virus. PLoS ONE, 2021, 16, e0246266.	2.5	7
7	A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	4
8	A NEW approach for characterizing mouse urinary pathophysiologies. Physiological Reports, 2021, 9, e14964.	1.7	3
9	Assessment of Frailty and Association With Progression of Benign Prostatic Hyperplasia Symptoms and Serious Adverse Events Among Men Using Drug Therapy. JAMA Network Open, 2021, 4, e2134427.	5.9	10
10	Osteopontin Deficiency Ameliorates Prostatic Fibrosis and Inflammation. International Journal of Molecular Sciences, 2021, 22, 12461.	4.1	9
11	Association of Frailty Index with Clinical BPH Progression and Serious Adverse Events: the MTOPS Trial. Innovation in Aging, 2021, 5, 814-814.	0.1	0
12	Synthesis and biological evaluation of FICZ analogues as agonists of aryl hydrocarbon receptor. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126959.	2.2	3
13	Impact of sex, androgens, and prostate size on C57BL/6J mouse urinary physiology: urethral histology. American Journal of Physiology - Renal Physiology, 2020, 318, F617-F627.	2.7	3
14	Fetal bisphenol A and ethinylestradiol exposure alters male rat urogenital tract morphology at birth: Confirmation of prior low-dose findings in CLARITY-BPA. Reproductive Toxicology, 2020, 91, 131-141.	2.9	16
15	Development and prevalence of castration-resistant prostate cancer subtypes. Neoplasia, 2020, 22, 566-575.	5.3	65
16	Data integration, analysis, and interpretation of eight academic CLARITY-BPA studies. Reproductive Toxicology, 2020, 98, 29-60.	2.9	42
17	Urinary Amine Metabolomics Characterization with Custom 12-Plex Isobaric DiLeu Labeling. Journal of the American Society for Mass Spectrometry, 2020, 31, 1854-1860.	2.8	10
18	RNA-binding protein DDX3 mediates posttranscriptional regulation of androgen receptor: A mechanism of castration resistance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28092-28101.	7.1	20

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19	<scp>Coâ€Occurrence</scp> of Lower Urinary Tract Symptoms and Frailty among <scp>Communityâ€Dwelling</scp> Older Men. Journal of the American Geriatrics Society, 2020, 68, 2805-2813.	2.6	18
20	Interactive Effects of Perinatal BPA or DES and Adult Testosterone and Estradiol Exposure on Adult Urethral Obstruction and Bladder, Kidney, and Prostate Pathology in Male Mice. International Journal of Molecular Sciences, 2020, 21, 3902.	4.1	17
21	Spatiotemporal Proteomics Reveals the Molecular Consequences of Hormone Treatment in a Mouse Model of Lower Urinary Tract Dysfunction. Journal of Proteome Research, 2020, 19, 1375-1382.	3.7	5
22	Integration of the ImageJ Ecosystem in KNIME Analytics Platform. Frontiers in Computer Science, 2020, 2, .	2.8	24
23	Prostatic osteopontin expression is associated with symptomatic benign prostatic hyperplasia. Prostate, 2020, 80, 731-741.	2.3	19
24	and lactational 2,3,7,8-tetrachlorodibenzo--dioxin (TCDD) exposure exacerbates urinary dysfunction in hormone-treated C57BL/6J mice through a non-malignant mechanism involving proteomic changes in the prostate that differ from those elicited by testosterone and estradiol. American Journal of Clinical and Experimental Urology, 2020, 8, 59-72.	0.4	8
25	Impact of sex, androgens, and prostate size on C57BL/6J mouse urinary physiology: functional assessment. American Journal of Physiology - Renal Physiology, 2019, 317, F996-F1009.	2.7	13
26	Benign Prostatic Hyperplasia and Lower Urinary Tract Symptoms: What Is the Role and Significance of Inflammation?. Current Urology Reports, 2019, 20, 54.	2.2	40
27	Incidence of androgen receptor and androgen receptor variant 7 coexpression in prostate cancer. Prostate, 2019, 79, 1811-1822.	2.3	7
28	Insight and Resources From a Study of the â€œImpact of Sex, Androgens, and Prostate Size on C57BL/6J Mouse Urinary Physiology. Toxicologic Pathology, 2019, 47, 1038-1042.	1.8	3
29	Ultrasonography of the Adult Male Urinary Tract for Urinary Functional Testing. Journal of Visualized Experiments, 2019, , .	0.3	2
30	Estrogen receptor 1 expression and methylation of Esr1 promoter in mouse fetal prostate mesenchymal cells induced by gestational exposure to bisphenol A or ethinylestradiol. Environmental Epigenetics, 2019, 5, dvz012.	1.8	18
31	Targeting a fibrotic bottleneck may provide an opening in the treatment of LUTS. American Journal of Physiology - Renal Physiology, 2019, 316, F1091-F1093.	2.7	2
32	Expression and distribution of PIEZO1 in the mouse urinary tract. American Journal of Physiology - Renal Physiology, 2019, 317, F303-F321.	2.7	83
33	Tissue-specific quantification and localization of androgen and estrogen receptors in prostate cancer. Human Pathology, 2019, 89, 99-108.	2.0	25
34	Quantitative proteomic analysis of a genetically induced prostate inflammation mouse model via custom 4-plex DiLeu isobaric labeling. American Journal of Physiology - Renal Physiology, 2019, 316, F1236-F1243.	2.7	10
35	Expression and Localization of DDX3 in Prostate Cancer Progression and Metastasis. American Journal of Pathology, 2019, 189, 1256-1267.	3.8	14
36	Modeling human prostate cancer progression in vitro. Carcinogenesis, 2019, 40, 893-902.	2.8	10

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37	Inflammation, Voiding and Benign Prostatic Hyperplasia Progression. Journal of Urology, 2019, 201, 868-870.	0.4	9
38	Prostate Transition Zone Fibrosis is Associated with Clinical Progression in the MTOPS Study. Journal of Urology, 2019, 202, 1240-1247.	0.4	24
39	Prostate enlargement and altered urinary function are part of the aging process. Aging, 2019, 11, 2653-2669.	3.1	20
40	MRI-based method for lower urinary tract dysfunction in adult male mice. American Journal of Clinical and Experimental Urology, 2019, 7, 153-158.	0.4	2
41	Void sorcerer: an open source, open access framework for mouse uroflowmetry. American Journal of Clinical and Experimental Urology, 2019, 7, 170-177.	0.4	4
42	Comprehensive urinary metabolomic characterization of a genetically induced mouse model of prostatic inflammation. International Journal of Mass Spectrometry, 2018, 434, 185-192.	1.5	6
43	Development of the human prostate. Differentiation, 2018, 103, 24-45.	1.9	83
44	Endocrine disruptor bisphenol A is implicated in urinary voiding dysfunction in male mice. American Journal of Physiology - Renal Physiology, 2018, 315, F1208-F1216.	2.7	19
45	Prostate Structure. , 2018, , 315-324.		1
46	Void spot assay procedural optimization and software for rapid and objective quantification of rodent voiding function, including overlapping urine spots. American Journal of Physiology - Renal Physiology, 2018, 315, F1067-F1080.	2.7	37
47	Prostate cancer xenografts and hormone induced prostate carcinogenesis. Differentiation, 2017, 97, 23-32.	1.9	13
48	Targeting phenotypic heterogeneity in benign prostatic hyperplasia. Differentiation, 2017, 96, 49-61.	1.9	48
49	Hormonal Carcinogenesis: The Role of Estrogens. , 2017, , 307-322.		0
50	Influence of animal husbandry practices on void spot assay outcomes in C57BL/6J male mice. Neurourology and Urodynamics, 2016, 35, 192-198.	1.5	35
51	Monohaloacetic acid drinking water disinfection by-products inhibit follicle growth and steroidogenesis in mouse ovarian antral follicles in vitro. Reproductive Toxicology, 2016, 62, 71-76.	2.9	34
52	Comparison of Picrosirius Red Staining With Second Harmonic Generation Imaging for the Quantification of Clinically Relevant Collagen Fiber Features in Histopathology Samples. Journal of Histochemistry and Cytochemistry, 2016, 64, 519-529.	2.5	68
53	Biomarker discovery in mass spectrometryâ€based urinary proteomics. Proteomics - Clinical Applications, 2016, 10, 358-370.	1.6	110
54	In-Depth Characterization and Validation of Human Urine Metabolomes Reveal Novel Metabolic Signatures of Lower Urinary Tract Symptoms. Scientific Reports, 2016, 6, 30869.	3.3	31

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55	Quantitation of Protein Expression and Co-localization Using Multiplexed Immuno-histochemical Staining and Multispectral Imaging. Journal of Visualized Experiments, 2016, , .	0.3	12
56	Opposing Effects of Cyclooxygenase-2 (COX-2) on Estrogen Receptor Î² (ERÎ²) Response to 5Î±-Reductase Inhibition in Prostate Epithelial Cells. Journal of Biological Chemistry, 2016, 291, 14747-14760.	3.4	8
57	Expression and colocalization of Î²-catenin and lymphoid enhancing factor-1 in prostate cancer progression. Human Pathology, 2016, 51, 124-133.	2.0	10
58	<i>In Utero</i>and Lactational TCDD Exposure Increases Susceptibility to Lower Urinary Tract Dysfunction in Adulthood. Toxicological Sciences, 2016, 150, 429-440.	3.1	27
59	CD147 expression predicts biochemical recurrence after prostatectomy independent of histologic and pathologic features. BMC Cancer, 2015, 15, 549.	2.6	6
60	Estrogen Receptor-Î± is a Key Mediator and Therapeutic Target for Bladder Complications of Benign Prostatic Hyperplasia. Journal of Urology, 2015, 193, 722-729.	0.4	45
61	The Heat Shock Protein 90 Inhibitor, (âˆ’)-Epigallocatechin Gallate, Has Anticancer Activity in a Novel Human Prostate Cancer Progression Model. Cancer Prevention Research, 2015, 8, 249-257.	1.5	56
62	Estrogens and Male Lower Urinary Tract Dysfunction. Current Urology Reports, 2015, 16, 61.	2.2	14
63	SIGIRR/TIR8, an important regulator of TLR4 and IL-1Râ€“mediated NF-ÎºB activation, predicts biochemical recurrence after prostatectomy in low-grade prostate carcinomas. Human Pathology, 2015, 46, 1744-1751.	2.0	8
64	Evaluation of voiding assays in mice: impact of genetic strains and sex. American Journal of Physiology - Renal Physiology, 2015, 308, F1369-F1378.	2.7	52
65	Microfluidic Multiculture Assay to Analyze Biomolecular Signaling in Angiogenesis. Analytical Chemistry, 2015, 87, 3239-3246.	6.5	50
66	Impact of a folic acid-enriched diet on urinary tract function in mice treated with testosterone and estradiol. American Journal of Physiology - Renal Physiology, 2015, 308, F1431-F1443.	2.7	17
67	Characterization of Fibrillar Collagens and Extracellular Matrix of Glandular Benign Prostatic Hyperplasia Nodules. PLoS ONE, 2014, 9, e109102.	2.5	71
68	Bisphenol A and Reproductive Health: Update of Experimental and Human Evidence, 2007â€“2013. Environmental Health Perspectives, 2014, 122, 775-786.	6.0	439
69	PII-04 ESTROGEN RECEPTOR-ALPHA IS A KEY MEDIATOR AND THERAPEUTIC TARGET FOR BLADDER COMPLICATIONS OF BENIGN PROSTATIC HYPERPLASIA. Journal of Urology, 2014, 191, .	0.4	2
70	Steroidogenic Factor 1 Promotes Aggressive Growth of Castration-Resistant Prostate Cancer Cells by Stimulating Steroid Synthesis and Cell Proliferation. Endocrinology, 2014, 155, 358-369.	2.8	23
71	Finasteride treatment alters tissue specific androgen receptor expression in prostate tissues. Prostate, 2014, 74, 923-932.	2.3	24
72	Beta-catenin is elevated in human benign prostatic hyperplasia specimens compared to histologically normal prostate tissue. American Journal of Clinical and Experimental Urology, 2014, 2, 313-22.	0.4	10

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73	Sex steroid receptor expression and localization in benign prostatic hyperplasia varies with tissue compartment. Differentiation, 2013, 85, 140-149.	1.9	51
74	Renal Capsule Xenografting and Subcutaneous Pellet Implantation for the Evaluation of Prostate Carcinogenesis and Benign Prostatic Hyperplasia. Journal of Visualized Experiments, 2013, , .	0.3	10
75	Expression Microarray Meta-Analysis Identifies Genes Associated with Ras/MAPK and Related Pathways in Progression of Muscle-Invasive Bladder Transition Cell Carcinoma. PLoS ONE, 2013, 8, e55414.	2.5	39
76	Androgen hormone action in prostatic carcinogenesis: stromal androgen receptors mediate prostate cancer progression, malignant transformation and metastasis. Carcinogenesis, 2012, 33, 1391-1398.	2.8	69
77	Testosterone and 17Î2-Estradiol Induce Glandular Prostatic Growth, Bladder Outlet Obstruction, and Voiding Dysfunction in Male Mice. Endocrinology, 2012, 153, 5556-5565.	2.8	86
78	LC/LCâ€"MS/MS of an innovative prostate human epithelial cancer (PHEC) in vitro model system. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 893-894, 34-42.	2.3	7
79	Androgens and estrogens in benign prostatic hyperplasia: Past, present and future. Differentiation, 2011, 82, 184-199.	1.9	254
80	Developmental, Cellular and Molecular Biology of Benign Prostatic Hyperplasia. Differentiation, 2011, 82, 165-167.	1.9	7
81	Androgen receptor is a tumor suppressor and proliferator in prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12182-12187.	7.1	226
82	Prostatic hormonal carcinogenesis is mediated by <i>in situ</i> estrogen production and estrogen receptor alpha signaling. FASEB Journal, 2008, 22, 1512-1520.	0.5	198
83	Increased prostate cell proliferation and loss of cell differentiation in mice lacking prostate epithelial androgen receptor. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12679-12684.	7.1	182
84	Steroid hormones and carcinogenesis of the prostate: the role of estrogens. Differentiation, 2007, 75, 871-882.	1.9	58
85	Steroid hormones stimulate human prostate cancer progression and metastasis. International Journal of Cancer, 2006, 118, 2123-2131.	5.1	81
86	Role of the stromal microenvironment in carcinogenesis of the prostate. International Journal of Cancer, 2003, 107, 1-10.	5.1	346