

Dennis B Lubahn

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Androgen receptor gene mutations in X-linked spinal and bulbar muscular atrophy. <i>Nature</i> , 1991, 352, 77-79.	27.8	2,710
2	Estrogen Resistance Caused by a Mutation in the Estrogen-Receptor Gene in a Man. <i>New England Journal of Medicine</i> , 1994, 331, 1056-1061.	27.0	2,358
3	A role for oestrogens in the male reproductive system. <i>Nature</i> , 1997, 390, 509-512.	27.8	816
4	The Human Androgen Receptor: Complementary Deoxyribonucleic Acid Cloning, Sequence Analysis and Gene Expression in Prostate. <i>Molecular Endocrinology</i> , 1988, 2, 1265-1275.	3.7	555
5	Immunohistochemical Localization of the Androgen Receptor in Rat and Human Tissues*. <i>Endocrinology</i> , 1990, 127, 3180-3186.	2.8	469
6	Roles of Estrogen Receptor- β Gene Expression in Reproduction-Related Behaviors in Female Mice**This work was supported by the Harry Frank Guggenheim Foundation (to S.O.), the University of Missouri-Columbia molecular biology program (to D.B.L.), and NIH Grant HD-05751 (to D.W.P.). <i>Endocrinology</i> , 1998, 139, 5070-5081.	2.8	454
7	Estrogen inhibits the vascular injury response in estrogen receptor β -deficient mice. <i>Nature Medicine</i> , 1997, 3, 545-548.	30.7	448
8	The Rat Androgen Receptor: Primary Structure, Autoregulation of its Messenger Ribonucleic Acid, and Immunocytochemical Localization of the Receptor Protein. <i>Molecular Endocrinology</i> , 1988, 2, 1276-1285.	3.7	268
9	Modifications of Testosterone-Dependent Behaviors by Estrogen Receptor- β Gene Disruption in Male Mice. <i>Endocrinology</i> , 1998, 139, 5058-5069.	2.8	265
10	Autologous Down-Regulation of Androgen Receptor Messenger Ribonucleic Acid. <i>Molecular Endocrinology</i> , 1990, 4, 22-28.	3.7	258
11	Masculine Sexual Behavior Is Disrupted in Male and Female Mice Lacking a Functional Estrogen Receptor β Gene. <i>Hormones and Behavior</i> , 1997, 32, 176-183.	2.1	224
12	Targeted Disruption of the Estrogen Receptor- β Gene in Female Mice: Characterization of Ovarian Responses and Phenotype in the Adult*. <i>Endocrinology</i> , 1999, 140, 2733-2744.	2.8	201
13	Role of Estrogen Receptor- β in the Anterior Pituitary Gland. <i>Molecular Endocrinology</i> , 1997, 11, 674-681.	3.7	187
14	Common Botanical Compounds Inhibit the Hedgehog Signaling Pathway in Prostate Cancer. <i>Cancer Research</i> , 2010, 70, 3382-3390.	0.9	184
15	A steroid/thyroid hormone receptor superfamily member in <i>Drosophila melanogaster</i> that shares extensive sequence similarity with a mammalian homologue. <i>Nucleic Acids Research</i> , 1990, 18, 4143-4148.	14.5	183
16	Estrogen Receptor Function as Revealed by Knockout Studies: Neuroendocrine and Behavioral Aspects. <i>Hormones and Behavior</i> , 1997, 31, 232-243.	2.1	179
17	Mechanism of Estrogen Action: Lessons from the Estrogen Receptor- β Knockout Mouse ¹ . <i>Biology of Reproduction</i> , 1998, 59, 470-475.	2.7	175
18	A Frameshift Mutation Destabilizes Androgen Receptor Messenger RNA in the <i>Tfm</i> Mouse. <i>Molecular Endocrinology</i> , 1991, 5, 573-581.	3.7	168

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19	Estrogen Up-regulates Apolipoprotein E (ApoE) Gene Expression by Increasing ApoE mRNA in the Translating Pool via the Estrogen Receptor β -Mediated Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 33360-33366.	3.4	158
20	Estrogen Receptors Are Essential for Female Sexual Receptivity. <i>Endocrinology</i> , 1997, 138, 507-510.	2.8	155
21	Role of Stromal and Epithelial Estrogen Receptors in Vaginal Epithelial Proliferation, Stratification, and Cornification**Presented, in part, at the 79th Annual Meeting of The Endocrine Society, Minneapolis, Minnesota, 1997 (Abstract OR14â€“5). This work was supported by NIH Grants AG-15500 (to Tj ETQq1 1 0.784314 rgBT /Over	2.8	151
22	Estrogen Receptor β Mediates Estrogenâ€™s Immune Protection in Autoimmune Disease. <i>Journal of Immunology</i> , 2003, 171, 6936-6940.	0.8	147
23	Reversal of Sex Roles in Genetic Female Mice by Disruption of Estrogen Receptor Gene. <i>Neuroendocrinology</i> , 1996, 64, 467-470.	2.5	141
24	Paracrine Regulation of Epithelial Progesterone Receptor by Estradiol in the Mouse Female Reproductive Tract1. <i>Biology of Reproduction</i> , 2000, 62, 821-830.	2.7	141
25	Novel Antipeptide Antibodies to the Human Glucocorticoid Receptor: Recognition of Multiple Receptor Forms<i>in Vitro</i> and Distinct Localization of Cytoplasmic and Nuclear Receptors. <i>Molecular Endocrinology</i> , 1990, 4, 1427-1437.	3.7	139
26	Functional Characterization of Naturally Occurring Mutant Androgen Receptors from Subjects with Complete Androgen Insensitivity. <i>Molecular Endocrinology</i> , 1990, 4, 1759-1772.	3.7	134
27	Roles of Estrogen Receptor- β Gene Expression in Reproduction-Related Behaviors in Female Mice. <i>Endocrinology</i> , 1998, 139, 5070-5081.	2.8	134
28	Myocardial ischemia-reperfusion injury in estrogen receptor- β knockout and wild-type mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1640-H1647.	3.2	128
29	Estrogen Receptor β (ER β) Deficiency in Macrophages Results in Increased Stimulation of CD4+ T Cells while 17 β -Estradiol Acts through ER β to Increase IL-4 and GATA-3 Expression in CD4+ T Cells Independent of Antigen Presentation. <i>Journal of Immunology</i> , 2005, 175, 5716-5723.	0.8	128
30	Estrogen Receptor β Has a Functional Role in the Mouse Rete Testis and Efferent Ductules1. <i>Biology of Reproduction</i> , 2000, 63, 1873-1880.	2.7	126
31	The role of estrogen and estrogen receptor- β in male adipose tissue. <i>Molecular and Cellular Endocrinology</i> , 2001, 178, 147-154.	3.2	126
32	An androgen-inducible expression system for <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1991, 106, 35-42.	2.2	110
33	Natural Killer Cells Express Estrogen Receptor- β and Estrogen Receptor- β 2 and Can Respond to Estrogen Via a Non-Estrogen Receptor- β -Mediated Pathway. <i>Cellular Immunology</i> , 2001, 214, 12-20.	3.0	110
34	Phytoestrogens in Common Herbs Regulate Prostate Cancer Cell Growth in Vitro. <i>Nutrition and Cancer</i> , 2004, 49, 200-208.	2.0	101
35	Tissue Compartment-Specific Estrogen Receptor- β Participation in the Mouse Uterine Epithelial Secretory Response**Presented in part at the 30th Annual Meeting of the Society for the Study of Reproduction, Portland, Oregon, August 1997. This work was supported by NIH Grants AG-15500 (to Tj ETQq1 1 0.784314 rgBT /Over	2.8	100
36	Transcription and Translation of Estrogen Receptor- β in the Male Reproductive Tract of Estrogen Receptor- β Knock-Out and Wild-Type Mice¹. <i>Endocrinology</i> , 1998, 139, 2982-2987.	2.8	99

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37	Regulation of Progesterone Receptors and Decidualization in Uterine Stroma of the Estrogen Receptor- β Knockout Mouse ¹ . <i>Biology of Reproduction</i> , 2001, 64, 272-283.	2.7	98
38	Steroid Feedback on Gonadotropin Release and Pituitary Gonadotropin Subunit mRNA in Mice Lacking a Functional Estrogen Receptor β . <i>Endocrine</i> , 1999, 11, 137-144.	2.2	92
39	Cloning, Sequencing, and Localization of Bovine Estrogen Receptor- β within the Ovarian Follicle ¹ . <i>Biology of Reproduction</i> , 1999, 60, 691-697.	2.7	85
40	Estrogen receptor- β deficiency promotes increased TNF- β secretion and bacterial killing by murine macrophages in response to microbial stimuli in vitro. <i>Journal of Leukocyte Biology</i> , 2004, 75, 1166-1172.	3.3	85
41	Dietary Soy Isoflavones and Estrone Protect Ovariectomized ER β KO and Wild-Type Mice from Carcinogen-Induced Colon Cancer. <i>Journal of Nutrition</i> , 2004, 134, 179-182.	2.9	84
42	Uterine Decidual Response Occurs in Estrogen Receptor- β -Deficient Mice*. <i>Endocrinology</i> , 1999, 140, 2704-2710.	2.8	76
43	Impact on Bone of an Estrogen Receptor- β Gene Loss of Function Mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3088-3096.	3.6	74
44	Expression of Recombinant Androgen Receptor in Cultured Mammalian Cells. <i>Molecular Endocrinology</i> , 1990, 4, 1399-1407.	3.7	71
45	Normal Development of Thymus in Male and Female Mice Requires Estrogen/Estrogen Receptor- β Signaling Pathway. <i>Endocrine</i> , 2000, 12, 207-213.	2.2	61
46	Withania somnifera and Its Withanolides Attenuate Oxidative and Inflammatory Responses and Up-Regulate Antioxidant Responses in BV-2 Microglial Cells. <i>NeuroMolecular Medicine</i> , 2016, 18, 241-252.	3.4	61
47	Dietary Genistein Increased DMBA-Induced Mammary Adenocarcinoma in Wild-Type, but Not ER β KO, Mice. <i>Nutrition and Cancer</i> , 2001, 39, 226-232.	2.0	60
48	Genistein affects HER2 protein concentration, activation, and promoter regulation in BT-474 human breast cancer cells. <i>Endocrine</i> , 2007, 32, 69-78.	2.2	60
49	Estrogen Receptors Are Essential for Female Sexual Receptivity. <i>Endocrinology</i> , 1997, 138, 507-510.	2.8	59
50	Cortisol Alters Gene Expression during Involution of the Rat Ventral Prostate. <i>Molecular Endocrinology</i> , 1989, 3, 703-708.	3.7	57
51	Estrogen receptor- β and - α and aromatase knockout effects on lower limb muscle mass and contractile function in female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E854-E861.	3.5	55
52	Dominant Bovine Ovarian Follicular Cysts Express Increased Levels of Messenger RNAs for Luteinizing Hormone Receptor and 3β -Hydroxysteroid Dehydrogenase β 4, β 5 Isomerase Compared to Normal Dominant Follicles. <i>Biology of Reproduction</i> , 2001, 65, 471-476.	2.7	54
53	Expression of aquaporins in the efferent ductules, sperm counts, and sperm motility in estrogen receptor- β deficient mice fed lab chow versus casein. <i>Molecular Reproduction and Development</i> , 2006, 73, 226-237.	2.0	54
54	Aggressive Prostate Cancer Is Prevented in ER β KO Mice and Stimulated in ER α KO TRAMP Mice. <i>Endocrinology</i> , 2012, 153, 4160-4170.	2.8	47

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55	Targeted Disruption of the Estrogen Receptor- α Gene in Female Mice: Characterization of Ovarian Responses and Phenotype in the Adult. <i>Endocrinology</i> , 1999, 140, 2733-2744.	2.8	47
56	Phytosterol <i>Pygeum africanum</i> regulates prostate cancer in vitro and in vivo. <i>Endocrine</i> , 2007, 31, 72-81.	2.2	46
57	The Production of Antibodies Against the Conserved Cysteine Region of Steroid Receptors and Their Use in Characterizing the Avian Progesterone Receptor*. <i>Endocrinology</i> , 1988, 122, 2816-2825.	2.8	45
58	The Role of Estrogen Signaling in a Mouse Model of Inflammatory Bowel Disease: A <i>Helicobacter Hepaticus</i> Model. <i>PLoS ONE</i> , 2014, 9, e94209.	2.5	40
59	Immuno-stimulatory activity of a polysaccharide-enriched fraction of <i>Sutherlandia frutescens</i> occurs by the toll-like receptor-4 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2015, 172, 247-253.	4.1	39
60	Transcription and Translation of Estrogen Receptor- α in the Male Reproductive Tract of Estrogen Receptor- α Knock-Out and Wild-Type Mice. <i>Endocrinology</i> , 1998, 139, 2982-2987.	2.8	37
61	Inhibition of microglial activation by elderberry extracts and its phenolic components. <i>Life Sciences</i> , 2015, 128, 30-38.	4.3	36
62	Phytochemicals and botanical extracts regulate NF- κ B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. <i>Neurochemistry International</i> , 2016, 97, 49-56.	3.8	35
63	Hypermethylation of the Wilms' tumor suppressor gene CpG island in human breast carcinomas. <i>Breast Cancer Research and Treatment</i> , 1999, 56, 35-43.	2.5	33
64	Antibodies to Steroid Receptor Deoxyribonucleic Acid Binding Domains and their Reactivity with the Human Glucocorticoid Receptor. <i>Molecular Endocrinology</i> , 1988, 2, 1018-1026.	3.7	32
65	Gonadotropin Induction of Ovulation and Corpus Luteum Formation in Young Estrogen Receptor- β Knockout Mice. <i>Biology of Reproduction</i> , 2000, 62, 599-605.	2.7	32
66	Estrogen receptor- and aromatase-deficient mice provide insight into the roles of estrogen within the ovary and uterus. <i>Molecular Reproduction and Development</i> , 2001, 59, 336-346.	2.0	32
67	Estrogen receptor- β signaling maintains immunometabolic function in males and is obligatory for exercise-induced amelioration of nonalcoholic fatty liver. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E156-E167.	3.5	31
68	Regulation of nitric oxide-dependent vasodilation in coronary arteries of estrogen receptor- β -deficient mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H2150-H2157.	3.2	30
69	Estradiol (E2) Elicits Src Phosphorylation in the Mouse Neocortex: The Initial Event in E2 Activation of the MAPK Cascade?. <i>Endocrinology</i> , 2001, 142, 5145-5148.	2.8	25
70	Morphological comparison of the testis and efferent ductules between wild-type and estrogen receptor- β knockout mice during postnatal development. <i>Journal of Anatomy</i> , 2009, 214, 916-925.	1.5	24
71	Dietary <i>Sutherlandia</i> and Elderberry Mitigate Cerebral Ischemia-Induced Neuronal Damage and Attenuate p47phox and Phospho-ERK1/2 Expression in Microglial Cells. <i>ASN Neuro</i> , 2014, 6, 175909141455494.	2.7	24
72	Structural Analysis of the Human and Rat Androgen Receptors and Expression in Male Reproductive Tract Tissues. <i>Annals of the New York Academy of Sciences</i> , 1989, 564, 48-56.	3.8	23

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73	Sutherlandia frutescens Ethanol Extracts Inhibit Oxidative Stress and Inflammatory Responses in Neurons and Microglial Cells. PLoS ONE, 2014, 9, e89748.	2.5	23
74	Effects of ER β and ER α on OVX-induced changes in adiposity and insulin resistance. Journal of Endocrinology, 2020, 245, 165-178.	2.6	23
75	Molecular Basis of Androgen Insensitivity. , 1990, 46, 1-42.		22
76	Estrogen receptor mutations. Molecular and Cellular Endocrinology, 1998, 145, 61-66.	3.2	21
77	Genes targeted by the Hedgehog-signaling pathway can be regulated by Estrogen related receptor β . BMC Molecular Biology, 2015, 16, 19.	3.0	20
78	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. Frontiers in Physiology, 2019, 10, 9.	2.8	20
79	Methoxychlor Stimulates Estrogen-Responsive Messenger Ribonucleic Acids in Mouse Uterus through a Non-Estrogen Receptor (Non-ER) β and Non-ER α Mechanism. Endocrinology, 1999, 140, 3526-3533.	2.8	20
80	Uterine Decidual Response Occurs in Estrogen Receptor- β -Deficient Mice. Endocrinology, 1999, 140, 2704-2710.	2.8	19
81	27-Hydroxycholesterol Is an Estrogen Receptor β -Selective Negative Allosteric Modifier of 17 β -Estradiol Binding. Endocrinology, 2018, 159, 1972-1981.	2.8	18
82	Quercetin Potentiates Docosahexaenoic Acid to Suppress Lipopolysaccharide-induced Oxidative/Inflammatory Responses, Alter Lipid Peroxidation Products, and Enhance the Adaptive Stress Pathways in BV-2 Microglial Cells. International Journal of Molecular Sciences, 2019, 20, 932.	4.1	18
83	Estrogenic Regulation of Host Immunity against an Estrogen Receptor α -Negative Human Breast Cancer. Clinical Cancer Research, 2006, 12, 5641-5647.	7.0	15
84	Inhibition of Gli/hedgehog signaling in prostate cancer cells by <i>Sutherlandia frutescens</i> extract. Cell Biology International, 2016, 40, 131-142.	3.0	15
85	Unveiling the anti-inflammatory activity of Sutherlandia frutescens using murine macrophages. International Immunopharmacology, 2015, 29, 254-262.	3.8	13
86	Messenger RNA profile analysis deciphers new Esrrb responsive genes in prostate cancer cells. BMC Molecular Biology, 2015, 16, 21.	3.0	13
87	Stromal-Epithelial Cell Communication in the Female Reproductive Tract. , 1998, , 491-506.		13
88	The Differential Fate of Mesonephric Tubular-Derived Efferent Ductules in Estrogen Receptor β Knockout Versus Wild-Type Female Mice*. Endocrinology, 2000, 141, 3792-3798.	2.8	9
89	Antiproliferative and Antiestrogenic Activities of Bonediol an Alkyl Catechol from Bonellia macrocarpa. BioMed Research International, 2015, 2015, 1-6.	1.9	9
90	Changes in nucleus accumbens gene expression accompany sex-specific suppression of spontaneous physical activity in aromatase knockout mice. Hormones and Behavior, 2020, 121, 104719.	2.1	8

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91	Voluntary Wheel Running Partially Compensates for the Effects of Global Estrogen Receptor- β Knockout on Cortical Bone in Young Male Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1734.	4.1	8
92	From Gigabyte to Kilobyte: A Bioinformatics Protocol for Mining Large RNA-Seq Transcriptomics Data. <i>PLoS ONE</i> , 2015, 10, e0125000.	2.5	7
93	Inhibition of Hedgehog-Signaling Driven Genes in Prostate Cancer Cells by <i>Sutherlandia frutescens</i> Extract. <i>PLoS ONE</i> , 2015, 10, e0145507.	2.5	7
94	White Adipose Tissue Depots Respond to Chronic Beta-3 Adrenergic Receptor Activation in a Sexually Dimorphic and Depot Divergent Manner. <i>Cells</i> , 2021, 10, 3453.	4.1	6
95	Global estrogen receptor- β knockout has differential effects on cortical and cancellous bone in aged male mice. <i>Facets</i> , 2020, 5, 328-348.	2.4	4
96	An Investigation into the Immunomodulatory Activities of <i>Sutherlandia frutescens</i> in Healthy Mice. <i>PLoS ONE</i> , 2016, 11, e0160994.	2.5	1
97	Increased carcinogen-induced colon cancer in ER β KO compared to Wild Type mice. <i>FASEB Journal</i> , 2012, 26, 1023.11.	0.5	0
98	New Approaches to Studies on the Androgen Receptor. , 1991, , 243-252.		0