Kenneth S Korach

List of Publications by Year
in descending order

347 papers	37,428 citations	1799 103 h-index	3579 181 g-index
349 all docs	349 docs citations	349 times ranked	25066 citing authors

#	Article	IF	Citations
1	Estrogen Resistance Caused by a Mutation in the Estrogen-Receptor Gene in a Man. New England Journal of Medicine, 1994, 331, 1056-1061.	27.0	2,358
2	Estrogen Receptor Null Mice: What Have We Learned and Where Will They Lead Us?. Endocrine Reviews, 1999, 20, 358-417.	20.1	1,759
3	Estrogen receptors and human disease. Journal of Clinical Investigation, 2006, 116, 561-570.	8.2	1,077
4	Effect of Testosterone and Estradiol in a Man with Aromatase Deficiency. New England Journal of Medicine, 1997, 337, 91-95.	27.0	1,069
5	The Multifaceted Mechanisms of Estradiol and Estrogen Receptor Signaling. Journal of Biological Chemistry, 2001, 276, 36869-36872.	3.4	1,007
6	Tissue Distribution and Quantitative Analysis of Estrogen Receptor-Î± (ERÎ±) and Estrogen Receptor-Î² (ERÎ²) Messenger Ribonucleic Acid in the Wild-Type and ERÎ±-Knockout Mouse. Endocrinology, 1997, 138, 4613-4621.	2.8	852
7	A role for oestrogens in the male reproductive system. Nature, 1997, 390, 509-512.	27.8	816
8	Estrogen Receptor Null Mice: What Have We Learned and Where Will They Lead Us?. , 1999, 20, 358-417.		562
9	Definition of Estrogen Receptor Pathway Critical for Estrogen Positive Feedback to Gonadotropin-Releasing Hormone Neurons and Fertility. Neuron, 2006, 52, 271-280.	8.1	503
10	Opposing LSD1 complexes function in developmental gene activation and repression programmes. Nature, 2007, 446, 882-887.	27.8	498
11	International Union of Pharmacology. LXIV. Estrogen Receptors. Pharmacological Reviews, 2006, 58, 773-781.	16.0	492
12	Consensus on the key characteristics of endocrine-disrupting chemicals as a basis for hazard identification. Nature Reviews Endocrinology, 2020, 16, 45-57.	9.6	484
13	Roles of Estrogen Receptor-Î± 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.).. Endocrinology, 1998, 139, 5070-5081.	2.8	454
14	Phytoestrogens and Their Human Metabolites Show Distinct Agonistic and Antagonistic Properties on Estrogen Receptor Â (ERÂ) and ERÂ in Human Cells. Toxicological Sciences, 2004, 80, 14-25.	3.1	452
15	Estrogen inhibits the vascular injury response in estrogen receptor Î±-deficient mice. Nature Medicine, 1997, 3, 545-548.	30.7	448
16	Estrogens protect pancreatic Î²-cells from apoptosis and prevent insulin-deficient diabetes mellitus in mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9232-9237.	7.1	413
17	27-Hydroxycholesterol is an endogenous SERM that inhibits the cardiovascular effects of estrogen. Nature Medicine, 2007, 13, 1185-1192.	30.7	351
18	An estrogen-dependent four-gene micronet regulating social recognition: A study with oxytocin and estrogen receptor-Î± and -Î² knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6192-6197.	7.1	349

#	Article	IF	Citations
19	It's all about sex: gender, lung development and lung disease. Trends in Endocrinology and Metabolism, 2007, 18, 308-313.	7.1	337
20	Prepubertal Gynecomastia Linked to Lavender and Tea Tree Oils. New England Journal of Medicine, 2007, 356, 479-485.	27.0	309
21	Mammary gland development and tumorigenesis in estrogen receptor knockout mice. Journal of Mammary Gland Biology and Neoplasia, 1997, 2, 323-334.	2.7	303
22	Influence of Estrogens on Mouse Uterine Epidermal Growth Factor Precursor Protein and Messenger Ribonucleic Acid. Endocrinology, 1988, 122, 2355-2363.	2.8	287
23	Characterization of the Hypothalamic-Pituitary-Gonadal Axis in Estrogen Receptor (ER) Null Mice Reveals Hypergonadism and Endocrine Sex Reversal in Females Lacking ERÎ± But Not ERÎ². Molecular Endocrinology, 2003, 17, 1039-1053.	3.7	286
24	The role of estrogens and estrogen receptors in normal prostate growth and disease. Steroids, 2008, 73, 233-244.	1.8	273
25	Modifications of Testosterone-Dependent Behaviors by Estrogen Receptor-Î± Gene Disruption in Male Mice¹. Endocrinology, 1998, 139, 5058-5069.	2.8	265
26	LESSONS IN ESTROGEN BIOLOGY FROM KNOCKOUT AND TRANSGENIC ANIMALS. Annual Review of Physiology, 2005, 67, 285-308.	13.1	262
27	Stromal Cell-Derived Factor 1, a Novel Target of Estrogen Receptor Action, Mediates the Mitogenic Effects of Estradiol in Ovarian and Breast Cancer Cells. Molecular Endocrinology, 2003, 17, 792-803.	3.7	260
28	Deficits in E2-Dependent Control of Feeding, Weight Gain, and Cholecystokinin Satiation in ER-Î± Null Mice. Endocrinology, 2001, 142, 4751-4757.	2.8	256
29	Estrogen Increases Locomotor Activity in Mice through Estrogen Receptor Î±: Specificity for the Type of Activity. Endocrinology, 2003, 144, 230-239.	2.8	252
30	Requirement of Estrogen Receptor-Î± in Insulin-like Growth Factor-1 (IGF-1)-induced Uterine Responses and in Vivo Evidence for IGF-1/Estrogen Receptor Cross-talk. Journal of Biological Chemistry, 2002, 277, 8531-8537.	3.4	251
31	Tissue Distribution and Quantitative Analysis of Estrogen Receptor-Â (ERÂ) and Estrogen Receptor-Â (ERÂ) Messenger Ribonucleic Acid in the Wild-Type and ERÂ-Knockout Mouse. Endocrinology, 1997, 138, 4613-4621.	2.8	249
32	Estrogen Receptor-Î² Is Critical to Granulosa Cell Differentiation and the Ovulatory Response to Gonadotropins. Endocrinology, 2005, 146, 3247-3262.	2.8	236
33	Estrogen Receptor-Dependent Genomic Responses in the Uterus Mirror the Biphasic Physiological Response to Estrogen. Molecular Endocrinology, 2003, 17, 2070-2083.	3.7	233
34	Estrogen receptors and human disease: an update. Archives of Toxicology, 2012, 86, 1491-1504.	4.2	232
35	Allosteric Regulation of Estrogen Receptor Structure, Function, and Coactivator Recruitment by Different Estrogen Response Elements. Molecular Endocrinology, 2002, 16, 469-486.	3.7	230
36	Oestrogen receptor knockout mice: roles for oestrogen receptors alpha and beta in reproductive tissues. Reproduction, 2003, 125, 143-149.	2.6	218

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37	Non-nuclear estrogen receptor Î± signaling promotes cardiovascular protection but not uterine or breast cancer growth in mice. Journal of Clinical Investigation, 2010, 120, 2319-2330.	8.2	217
38	Neonatal Exposure to Genistein Induces Estrogen Receptor (ER)Î± Expression and Multioocyte Follicles in the Maturing Mouse Ovary: Evidence for ERÎ²-Mediated and Nonestrogenic Actions. Biology of Reproduction, 2002, 67, 1285-1296.	2.7	211
39	Ligand-Based Identification of Environmental Estrogens. Chemical Research in Toxicology, 1996, 9, 1240-1248.	3.3	208
40	Rapid Action of 17Î²-Estradiol on Kainate-Induced Currents in Hippocampal Neurons Lacking Intracellular Estrogen Receptors*. Endocrinology, 1999, 140, 660-666.	2.8	208
41	Estrogen Receptor Î² Mediates Rapid Estrogen Actions on Gonadotropin-Releasing Hormone NeuronsIn Vivo. Journal of Neuroscience, 2003, 23, 5771-5777.	3.6	202
42	A G-Protein-Coupled Estrogen Receptor Is Involved in Hypothalamic Control of Energy Homeostasis. Journal of Neuroscience, 2006, 26, 5649-5655.	3.6	202
43	Targeted Disruption of the Estrogen Receptor-Î± Gene in Female Mice: Characterization of Ovarian Responses and Phenotype in the Adult*. Endocrinology, 1999, 140, 2733-2744.	2.8	201
44	Expression of Estrogen Receptor Î² Is Developmentally Regulated in Reproductive Tissues of Male and Female Mice. Biology of Reproduction, 2000, 62, 310-317.	2.7	200
45	Estrogen receptor beta mediates gender differences in ischemia/reperfusion injury. Journal of Molecular and Cellular Cardiology, 2005, 38, 289-297.	1.9	198
46	Uterine epithelial estrogen receptor Î± is dispensable for proliferation but essential for complete biological and biochemical responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19272-19277.	7.1	197
47	Estrogen receptor Î± is a major mediator of 17Î²-estradiolâ€™s atheroprotective effects on lesion size in Apoeâ€“/â€“ mice. Journal of Clinical Investigation, 2001, 107, 333-340.	8.2	195
48	The Mechanism of ICI 164,384 Antiestrogenieity Involves Rapid Loss of Estrogen Receptor in Uterine Tissue. Endocrinology, 1991, 129, 2000-2010.	2.8	194
49	Critical in Vivo Roles for Classical Estrogen Receptors in Rapid Estrogen Actions on Intracellular Signaling in Mouse Brain. Endocrinology, 2004, 145, 3055-3061.	2.8	191
50	Differential Estrogenic Actions of Endocrine-Disrupting Chemicals Bisphenol A, Bisphenol AF, and Zearalenone through Estrogen Receptor Î± and Î² in Vitro. Environmental Health Perspectives, 2012, 120, 1029-1035.	6.0	190
51	Induction of Mammary Gland Development in Estrogen Receptor-Î± Knockout Mice. Endocrinology, 2000, 141, 2982-2994.	2.8	189
52	The impact of sex and sex hormones on lung physiology and disease: lessons from animal studies. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L272-L278.	2.9	188
53	Role of Estrogen Receptor-Î± in the Anterior Pituitary Gland. Molecular Endocrinology, 1997, 11, 674-681.	3.7	187
54	Estrogen receptor-Î² mediates male-female differences in the development of pressure overload hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H469-H476.	3.2	187

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55	Estrogen Receptor-Î± Knockout Mice Exhibit Resistance to the Developmental Effects of Neonatal Diethylstilbestrol Exposure on the Female Reproductive Tract. Developmental Biology, 2001, 238, 224-238.	2.0	186
56	Estrogen Hormone Biology. Current Topics in Developmental Biology, 2017, 125, 109-146.	2.2	186
57	FOXA1 is an essential determinant of ERÎ± expression and mammary ductal morphogenesis. Development (Cambridge), 2010, 137, 2045-2054.	2.5	184
58	Importance of Extranuclear Estrogen Receptor-Î± and Membrane G Proteinâ€“Coupled Estrogen Receptor in Pancreatic Islet Survival. Diabetes, 2009, 58, 2292-2302.	0.6	180
59	Skeletal muscle action of estrogen receptor Î± is critical for the maintenance of mitochondrial function and metabolic homeostasis in females. Science Translational Medicine, 2016, 8, 334ra54.	12.4	174
60	Premature Coronary Artery Disease Associated With a Disruptive Mutation in the Estrogen Receptor Gene in a Man. Circulation, 1997, 96, 3774-3777.	1.6	173
61	Increased Expression of the Cardiac L-type Calcium Channel in Estrogen Receptorâ€“deficient Mice. Journal of General Physiology, 1997, 110, 135-140.	1.9	165
62	The Influence of 17Î²-Estradiol on Patterns of Cell Division in the Uterus. Endocrinology, 1984, 114, 694-702.	2.8	164
63	Mammary Gland Development in Adult Mice Requires Epithelial and Stromal Estrogen Receptor Î±. Endocrinology, 2002, 143, 2357-2365.	2.8	164
64	Estrogen Receptors: New Directions in the New Millennium. Endocrine Reviews, 2018, 39, 664-675.	20.1	164
65	Estrogen Up-regulates Apolipoprotein E (ApoE) Gene Expression by Increasing ApoE mRNA in the Translating Pool via the Estrogen Receptor Î±-Mediated Pathway. Journal of Biological Chemistry, 1997, 272, 33360-33366.	3.4	158
66	Estrogen Receptors Are Essential for Female Sexual Receptivity. Endocrinology, 1997, 138, 507-510.	2.8	155
67	Endothelial dysfunction in a man with disruptive mutation in oestrogen-receptor gene. Lancet, The, 1997, 349, 1146-1147.	13.7	154
68	In Vitro Growth and Ovulation of Follicles from Ovaries of Estrogen Receptor (ER)Î± and ERÎ² Null Mice Indicate a Role for ERÎ² in Follicular Maturation. Endocrinology, 2005, 146, 2817-2826.	2.8	154
69	Effects of Castration and Chronic Steroid Treatments on Hypothalamic Gonadotropin-Releasing Hormone Content and Pituitary Gonadotropins in Male Wild-Type and Estrogen Receptor-Î± Knockout Mice. Endocrinology, 1998, 139, 4092-4101.	2.8	152
70	Estrogen receptor activation reduces lipid synthesis in pancreatic islets and prevents Î² cell failure in rodent models of type 2 diabetes. Journal of Clinical Investigation, 2011, 121, 3331-3342.	8.2	150
71	Estrogen receptor-Î² regulates transcript levels for oxytocin and arginine vasopressin in the hypothalamic paraventricular nucleus of male mice. Molecular Brain Research, 2002, 109, 84-94.	2.3	148
72	Myeloid-specific estrogen receptor Î± deficiency impairs metabolic homeostasis and accelerates atherosclerotic lesion development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16457-16462.	7.1	147

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73	Genotype/Age Interactions on Aggressive Behavior in Gonadally Intact Estrogen Receptor Î² Knockout (Î²ERKO) Male Mice. Hormones and Behavior, 2002, 41, 288-296.	2.1	144
74	Reversal of Sex Roles in Genetic Female Mice by Disruption of Estrogen Receptor Gene. Neuroendocrinology, 1996, 64, 467-470.	2.5	141
75	Receptor null mice reveal contrasting roles for estrogen receptor Î± and Î² in reproductive tissues. Journal of Steroid Biochemistry and Molecular Biology, 2000, 74, 287-296.	2.5	140
76	Estrogen Receptor-Î± Gene Deficiency Enhances Androgen Biosynthesis in the Mouse Leydig Cell. Endocrinology, 2003, 144, 84-93.	2.8	140
77	Estrogen Receptor Î± Mediates 17Î±-Ethynylestradiol Causing Hepatotoxicity*. Journal of Biological Chemistry, 2006, 281, 16625-16631.	3.4	140
78	Stroke in Estrogen Receptor-Î±â€“Deficient Mice. Stroke, 2000, 31, 738-744.	2.0	139
79	Roles of Estrogen Receptor-Â Gene Expression in Reproduction-Related Behaviors in Female Mice. Endocrinology, 1998, 139, 5070-5081.	2.8	134
80	ERÎ± Gene Expression in Human Primary Osteoblasts: Evidence for the Expression of Two Receptor Proteins. Molecular Endocrinology, 2001, 15, 2064-2077.	3.7	128
81	Increased Mortality and Aggravation of Heart Failure in Estrogen Receptor-Î² Knockout Mice After Myocardial Infarction. Circulation, 2005, 111, 1492-1498.	1.6	128
82	Estrogen receptors and endocrine diseases: lessons from estrogen receptor knockout mice. Current Opinion in Pharmacology, 2001, 1, 613-619.	3.5	124
83	Extranuclear estrogen receptor-Î± stimulates NeuroD1 binding to the insulin promoter and favors insulin synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13057-13062.	7.1	122
84	Dual suppression of estrogenic and inflammatory activities for targeting of endometriosis. Science Translational Medicine, 2015, 7, 271ra9.	12.4	120
85	Estrogen Action in the Mouse Uterus: Characterization of the Cytosol and Nuclear Receptor Systems. Endocrinology, 1979, 104, 1324-1332.	2.8	118
86	Estrogen receptor transcription and transactivation Estrogen receptor knockout mice: what their phenotypes reveal about mechanisms of estrogen action. Breast Cancer Research, 2000, 2, 345-52.	5.0	118
87	Estrogen receptors: structure, mechanisms and function. Reviews in Endocrine and Metabolic Disorders, 2002, 3, 193-200.	5.7	118
88	Estrogen hormone physiology: Reproductive findings from estrogen receptor mutant mice. Reproductive Biology, 2014, 14, 3-8.	1.9	118
89	Biological and biochemical consequences of global deletion of exon 3 from the ERÎ± gene. FASEB Journal, 2010, 24, 4660-4667.	0.5	116
90	Effects of estrogen on breast cancer development: Role of estrogen receptor independent mechanisms. International Journal of Cancer, 2010, 127, 1748-1757.	5.1	114

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91	Estrogenic Activity of a Dieldrin/Toxaphene Mixture in the Mouse Uterus, MCF-7 Human Breast Cancer Cells, and Yeast-Based Estrogen Receptor Assays: No Apparent Synergism*. Endocrinology, 1997, 138, 1520-1527.	2.8	113
92	Estrogen Induces Estrogen Receptor Î±-Dependent cAMP Response Element-Binding Protein Phosphorylation via Mitogen Activated Protein Kinase Pathway in Basal Forebrain Cholinergic NeuronsIn Vivo. Journal of Neuroscience, 2006, 26, 4104-4110.	3.6	113
93	Endocrine-Disrupting Chemicals Use Distinct Mechanisms of Action to Modulate Endocrine System Function. Endocrinology, 2006, 147, s25-s32.	2.8	111
94	Spontaneous Airway Hyperresponsiveness in Estrogen Receptor-Î±â€“deficient Mice. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 126-135.	5.6	111
95	Prevention of the Polycystic Ovarian Phenotype and Characterization of Ovulatory Capacity in the Estrogen Receptor-Î± Knockout Mouse. Endocrinology, 1999, 140, 5855-5865.	2.8	110
96	Role of Estrogen Receptor Signaling Required for Endometriosis-Like Lesion Establishment in a Mouse Model. Endocrinology, 2012, 153, 3960-3971.	2.8	110
97	Estrogen-induced Proliferation of Uterine Epithelial Cells Is Independent of Estrogen Receptor Î± Binding to Classical Estrogen Response Elements. Journal of Biological Chemistry, 2006, 281, 26683-26692.	3.4	109
98	Research Resource: Whole-Genome Estrogen Receptor Î± Binding in Mouse Uterine Tissue Revealed by ChIP-Seq. Molecular Endocrinology, 2012, 26, 887-898.	3.7	109
99	Developmental Pattern of Estrogen Receptor Expression in Female Mouse Genital Tracts. Endocrinology, 1989, 125, 2888-2896.	2.8	108
100	Critical Role for Estrogen Receptor alpha in Negative Feedback Regulation of Gonadotropin-Releasing Hormone mRNA Expression in the Female Mouse. Neuroendocrinology, 2003, 78, 204-209.	2.5	108
101	Estrogen receptor-Î± mediates the detrimental effects of neonatal diethylstilbestrol (DES) exposure in the murine reproductive tract. Toxicology, 2004, 205, 55-63.	4.2	108
102	Spermatogenic Cells Do Not Require Estrogen Receptor-Î± for Development or Function. Endocrinology, 2000, 141, 1273-1273.	2.8	107
103	Requirement for Estrogen Receptor Î± in a Mouse Model for Human Papillomavirusâ€“Associated Cervical Cancer. Cancer Research, 2008, 68, 9928-9934.	0.9	107
104	Activation of a Uterine Insulin-Like Growth Factor I Signaling Pathway by Clinical and Environmental Estrogens: Requirement of Estrogen Receptor-Î±. Endocrinology, 2000, 141, 3430-3439.	2.8	106
105	Octamethylcyclotetrasiloxane exhibits estrogenic activity in mice via ERÎ±. Toxicology and Applied Pharmacology, 2003, 192, 254-261.	2.8	106
106	Studies Using the Estrogen Receptor Î± Knockout Uterus Demonstrate That Implantation but Not Decidualization-Associated Signaling Is Estrogen Dependent. Biology of Reproduction, 2002, 67, 1268-1277.	2.7	105
107	Estrogen-mediated Regulation of Igf1 Transcription and Uterine Growth Involves Direct Binding of Estrogen Receptor Î± to Estrogen-responsive Elements. Journal of Biological Chemistry, 2010, 285, 2676-2685.	3.4	105
108	What's new in estrogen receptor action in the female reproductive tract. Journal of Molecular Endocrinology, 2016, 56, R55-R71.	2.5	103

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109	Estrogen Receptor Knockout Mice as a Model for Endocrine Research. ILAR Journal, 2004, 45, 455-461.	1.8	101
110	Male Sex Hormones Exacerbate Lung Function Impairment after Bleomycin-Induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 45-52.	2.9	100
111	Mechanism of Vascular Smooth Muscle Relaxation by Estrogen in Depolarized Rat and Mouse Aorta. Circulation Research, 1997, 81, 242-248.	4.5	98
112	Impact of estrogen receptor deficiency on disease expression in the NZM2410 lupus prone mouse. Clinical Immunology, 2008, 128, 259-268.	3.2	94
113	Studies on the Nature of the Hypothalamic Estradiol Concentrating Mechanism in the Male and Female Rat1. Endocrinology, 1974, 94, 785-793.	2.8	93
114	Estrogen-regulated progestin receptors are found in the midbrain raphe but not hippocampus of estrogen receptor alpha (ER?) gene-disrupted mice. Journal of Comparative Neurology, 2000, 427, 185-195.	1.6	92
115	Endocrine-Disrupting Chemicals (EDCs): In Vitro Mechanism of Estrogenic Activation and Differential Effects on ER Target Genes. Environmental Health Perspectives, 2013, 121, 459-466.	6.0	91
116	Role of Estrogen Receptor Î± in Hematopoietic Stem Cell Development and B Lymphocyte Maturation in the Male Mouse1. Endocrinology, 2000, 141, 2309-2318.	2.8	90
117	Analysis of the Molecular Mechanisms of Human Estrogen Receptors Î± and Î² Reveals Differential Specificity in Target Promoter Regulation by Xenoestrogens. Journal of Biological Chemistry, 2002, 277, 44455-44461.	3.4	89
118	The Role of the Estrogen Receptor in Uterine Epithelial Proliferation and Cytodifferentiation in Neonatal Mice*. Endocrinology, 1990, 127, 2456-2463.	2.8	85
119	Update on animal models developed for analyses of estrogen receptor biological activity. Journal of Steroid Biochemistry and Molecular Biology, 2003, 86, 387-391.	2.5	84
120	Estradiol Regulates Angiopoietin-1 mRNA Expression Through Estrogen Receptor-Î± in a Rodent Experimental Stroke Model. Stroke, 2005, 36, 337-341.	2.0	84
121	Estrogen receptor Â AF-2 mutation results in antagonist reversal and reveals tissue selective function of estrogen receptor modulators. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14986-14991.	7.1	81
122	Design of pathway preferential estrogens that provide beneficial metabolic and vascular effects without stimulating reproductive tissues. Science Signaling, 2016, 9, ra53.	3.6	81
123	Uterine Estrogen Receptor Interaction with Estrogen-Responsive DNA Sequencesin Vitro: Effects of Ligand Binding on Receptor-DNA Complexes. Molecular Endocrinology, 1990, 4, 276-286.	3.7	79
124	Molecular mechanism of estrogen action in the male: insights from the estrogen receptor null mice. Reproduction, Fertility and Development, 2001, 13, 211.	0.4	79
125	Uterine Estrogen Receptorin Vivo: Phosphorylation of Nuclear Specific Forms on Serine Residues. Molecular Endocrinology, 1991, 5, 235-242.	3.7	76
126	Selective Mutations in Estrogen Receptor Î± D-domain Alters Nuclear Translocation and Non-estrogen Response Element Gene Regulatory Mechanisms. Journal of Biological Chemistry, 2011, 286, 12640-12649.	3.4	76

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127	Characterization of Estrogenic and Androgenic Activities for Bisphenol A-like Chemicals (BPs): In Vitro Estrogen and Androgen Receptors Transcriptional Activation, Gene Regulation, and Binding Profiles. Toxicological Sciences, 2019, 172, 23-37.	3.1	76
128	Rapid Action of 17Â-Estradiol on Kainate-Induced Currents in Hippocampal Neurons Lacking Intracellular Estrogen Receptors. Endocrinology, 1999, 140, 660-666.	2.8	76
129	Early Endometriosis in Females Is Directed by Immune-Mediated Estrogen Receptor Î± and IL-6 Cross-Talk. Endocrinology, 2018, 159, 103-118.	2.8	75
130	Estrogen receptor Î² (ERÎ²) protein levels in neurons depend on estrogen receptor Î± (ERÎ±) gene expression and on its ligand in a brain region-specific manner. Molecular Brain Research, 2003, 110, 7-14.	2.3	74
131	Impact on Bone of an Estrogen Receptor-Î± Gene Loss of Function Mutation. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3088-3096.	3.6	74
132	Differential in Vitro Biological Action, Coregulator Interactions, and Molecular Dynamic Analysis of Bisphenol A (BPA), BPAF, and BPS Ligandâ€“ERÎ± Complexes. Environmental Health Perspectives, 2018, 126, 017012.	6.0	74
133	Contrasting Phenotypes in Reproductive Tissues of Female Estrogen Receptor Null Mice. Annals of the New York Academy of Sciences, 2001, 948, 1-8.	3.8	70
134	Estrogen receptor Î± protects pancreatic Î²-cells from apoptosis by preserving mitochondrial function and suppressing endoplasmic reticulum stress. Journal of Biological Chemistry, 2018, 293, 4735-4751.	3.4	70
135	Lavender Products Associated With Premature Thelarche and Prepubertal Gynecomastia: Case Reports and Endocrine-Disrupting Chemical Activities. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5393-5405.	3.6	70
136	An Estrogen Receptor-Î± Knock-In Mutation Provides Evidence of Ligand-Independent Signaling and Allows Modulation of Ligand-Induced Pathways in Vivo. Endocrinology, 2008, 149, 2970-2979.	2.8	69
137	Accelerated onset of uterine tumors in transgenic mice with aberrant expression of the estrogen receptor after neonatal exposure to diethylstilbestrol. , 1997, 19, 236-242.		67
138	Developmental Action of Estrogen Receptor-Î± Feminizes the Growth Hormone-Stat5b Pathway and Expression ofCyp2a4andCyp2d9Genes in Mouse Liver. Molecular Pharmacology, 1999, 56, 473-477.	2.3	67
139	SIGNAL TRANSDUCTION: A New Mediator for an Old Hormone?. Science, 2005, 307, 1572-1573.	12.6	67
140	Oviductal estrogen receptor Î± signaling prevents protease-mediated embryo death. ELife, 2015, 4, e10453.	6.0	67
141	Estradiol-Stimulated Proteolytic Cleavage of the Estrogen Receptor in Mouse Uterus. Endocrinology, 1988, 123, 2540-2548.	2.8	66
142	Estradiol Regulates the Thioredoxin Antioxidant System in the Mouse Uterus. Endocrinology, 2004, 145, 5485-5492.	2.8	66
143	Selected Contribution: Cerebrovascular NOS and cyclooxygenase are unaffected by estrogen in mice lacking estrogen receptor-Î±. Journal of Applied Physiology, 2001, 91, 2391-2399.	2.5	64
144	Global Uterine Genomics in Vivo: Microarray Evaluation of the Estrogen Receptor Î±-Growth Factor Cross-Talk Mechanism. Molecular Endocrinology, 2005, 19, 657-668.	3.7	64

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145	Effect of ER-Î² gene disruption on estrogenic regulation of anxiety in female mice. Physiology and Behavior, 2009, 96, 300-306.	2.1	64
146	Estrogen receptor Î± controls metabolism in white and brown adipocytes by regulating Polg1 and mitochondrial remodeling. Science Translational Medicine, 2020, 12, .	12.4	64
147	Selective Prothymocyte Targeting by Prenatal Diethylstilbesterol Exposure. Cellular Immunology, 1993, 152, 131-142.	3.0	63
148	Estrogen receptorâ€Î± mediates an intraovarian negative feedback loop on thecal cell steroidogenesis via modulation of Cyp17a1 (cytochrome P450, steroid 17Î±â€hydroxylase/17,20 Ì¼lyase) expression. FASEB Journal, 2007, 21, 586-595.	0.5	63
149	Estrogen Receptor (ER)Î±-regulated Lipocalin 2 Expression in Adipose Tissue Links Obesity with Breast Cancer Progression. Journal of Biological Chemistry, 2015, 290, 5566-5581.	3.4	61
150	Estrogens Promote Misfolded Proinsulin Degradation to Protect Insulin Production and Delay Diabetes. Cell Reports, 2018, 24, 181-196.	6.4	61
151	Diarylheptanoid Phytoestrogens Isolated from the Medicinal Plant Curcuma comosa : Biologic Actions in Vitro and in Vivo Indicate Estrogen Receptorâ€“Dependent Mechanisms. Environmental Health Perspectives, 2009, 117, 1155-1161.	6.0	60
152	Estrogen Receptors Are Essential for Female Sexual Receptivity. Endocrinology, 1997, 138, 507-510.	2.8	59
153	Estrogen receptor-Î± is required by the supporting somatic cells for spermatogenesis. Molecular and Cellular Endocrinology, 2001, 178, 57-63.	3.2	58
154	Biological and biochemical consequences of global deletion of exon 3 from the ERÎ± gene. FASEB Journal, 2010, 24, 4660-4667.	0.5	58
155	Estrogen receptor-Î² gene disruption potentiates estrogen-inducible aggression but not sexual behaviour in male mice. European Journal of Neuroscience, 2006, 23, 1860-1868.	2.6	57
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