Diane M Robins

List of Publications by Year
in descending order

64	3,118	172443	155644
papers	citations	29 h-index	55 g-index

66	66	66	2841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transforming DNA integrates into the host chromosome. Cell, 1981, 23, 29-39.	28.9	320
2	Regulated expression of human growth hormone genes in mouse cells. Cell, 1982, 29, 623-631.	28.9	252
3	Hsp90 Regulates Androgen Receptor Hormone Binding Affinity in Vivo. Journal of Biological Chemistry, 1996, 271, 28697-28702.	3.4	203
4	Treatment-Dependent Androgen Receptor Mutations in Prostate Cancer Exploit Multiple Mechanisms to Evade Therapy. Cancer Research, 2009, 69, 4434-4442.	0.9	190
5	An ancient provirus has imposed androgen regulation on the adjacent mouse sex-limited protein gene. Cell, 1988, 55, 247-254.	28.9	187
6	Androgen-dependent pathology demonstrates myopathic contribution to the Kennedy disease phenotype in a mouse knock-in model. Journal of Clinical Investigation, 2006, 116, 2663-2672.	8.2	151
7	Regulation of autism-relevant behaviors by cerebellarâ€“prefrontal cortical circuits. Nature Neuroscience, 2020, 23, 1102-1110.	14.8	149
8	Multiple Components of a Complex Androgen-Dependent Enhancer. Molecular Endocrinology, 1991, 5, 1587-1596.	3.7	90
9	Macroautophagy Is Regulated by the UPRâ€“Mediator CHOP and Accentuates the Phenotype of SBMA Mice. PLoS Genetics, 2011, 7, e1002321.	3.5	84
10	Replacing the Mouse Androgen Receptor with Human Alleles Demonstrates Glutamine Tract Length-Dependent Effects on Physiology and Tumorigenesis in Mice. Molecular Endocrinology, 2006, 20, 1248-1260.	3.7	76
11	Glycolytic-to-oxidative fiber-type switch and mTOR signaling activation are early-onset features of SBMA muscle modified by high-fat diet. Acta Neuropathologica, 2016, 132, 127-144.	7.7	74
12	Transcriptional activation of TFEB/ZKSCAN3 target genes underlies enhanced autophagy in spinobulbar muscular atrophy. Human Molecular Genetics, 2014, 23, 1376-1386.	2.9	68
13	Abnormalities of Germ Cell Maturation and Sertoli Cell Cytoskeleton in Androgen Receptor 113 CAG Knock-In Mice Reveal Toxic Effects of the Mutant Protein. American Journal of Pathology, 2006, 168, 195-204.	3.8	64
14	Regulator of sex-limitation (Rsl) encodes a pair of KRAB zinc-finger genes that control sexually dimorphic liver gene expression. Genes and Development, 2003, 17, 2664-2674.	5.9	62
15	Development of a novel cell based androgen screening model. Journal of Steroid Biochemistry and Molecular Biology, 2016, 156, 17-22.	2.5	60
16	Functional Interaction of Human Cdc37 with the Androgen Receptor but Not with the Glucocorticoid Receptor. Journal of Biological Chemistry, 2001, 276, 5814-5820.	3.4	56
17	Length of the human androgen receptor glutamine tract determines androgen sensitivity in vivo. Molecular and Cellular Endocrinology, 2011, 342, 81-86.	3.2	54
18	Multiple Receptor Domains Interact to Permit, or Restrict, Androgen-specific Gene Activation. Journal of Biological Chemistry, 1998, 273, 24216-24222.	3.4	50

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19	AML3/CBFÎ±1 Is Required for Androgen-specific Activation of the Enhancer of the Mouse Sex-limited Protein (Slp) Gene. Journal of Biological Chemistry, 1999, 274, 30624-30630.	3.4	48
20	Regulation of Translation of Ovalbumin Messenger RNA by Estrogens and Progesterone in Oviduct of Withdrawn Chicks. FEBS Journal, 1978, 90, 51-58.	0.2	46
21	Disrupting SUMOylation enhances transcriptional function and ameliorates polyglutamine androgen receptorâ€“mediated disease. Journal of Clinical Investigation, 2015, 125, 831-845.	8.2	46
22	Letter to the Editor: Androgens and Prostate Cancer: Are the Descriptors Valid?. Cancer Biology and Therapy, 2005, 4, 4-5.	3.4	44
23	Design, Synthesis, and Pharmacological Characterization of 4-[4,4-Dimethyl-3-(4-hydroxybutyl)-5-oxo-2-thioxo-1-imidazolidinyl]- 2-iodobenzonitrile as a High-Affinity Nonsteroidal Androgen Receptor Ligand. Journal of Medicinal Chemistry, 2000, 43, 3344-3347.	6.4	42
24	Oct-1 Preferentially Interacts with Androgen Receptor in a DNA-dependent Manner That Facilitates Recruitment of SRC-1. Journal of Biological Chemistry, 2001, 276, 6420-6428.	3.4	41
25	Expansion and diversification of KRAB zinc-finger genes within a cluster including Regulator of sex-limitation 1 and 2. Genomics, 2005, 85, 752-761.	2.9	40
26	The Androgen Receptor (AR) Amino-Terminus Imposes Androgen-Specific Regulation of AR Gene Expression via an Exonic Enhancer*. Endocrinology, 2001, 142, 1107-1116.	2.8	38
27	The Regulator of Sex-Limitation Gene, Rsl, Enforces Male-Specific Liver Gene Expression by Negative Regulation. Endocrinology, 2003, 144, 1854-1860.	2.8	37
28	Effects of Sex Steroid Receptor Specificity in the Regulation of Skeletal Metabolism. Calcified Tissue International, 2004, 75, 60-70.	3.1	37
29	Altered RNA splicing contributes to skeletal muscle pathology in Kennedy disease knock-in mice. DMM Disease Models and Mechanisms, 2009, 2, 500-507.	2.4	35
30	Tissue-specific variation in C4 and Slp gene regulation. Nucleic Acids Research, 1988, 16, 6857-6870.	14.5	29
31	The KRAB Zinc Finger Protein RSL1 Regulates Sex- and Tissue-Specific Promoter Methylation and Dynamic Hormone-Responsive Chromatin Configuration. Molecular and Cellular Biology, 2012, 32, 3732-3742.	2.3	27
32	Contextual dependence of steroid receptor function on an androgen-responsive enhancer. Molecular and Cellular Endocrinology, 1996, 121, 75-86.	3.2	23
33	Glutamine tract length of human androgen receptors affects hormone-dependent and -independent prostate cancer in mice. Human Molecular Genetics, 2008, 17, 98-110.	2.9	23
34	MEF2 impairment underlies skeletal muscle atrophy in polyglutamine disease. Acta Neuropathologica, 2020, 140, 63-80.	7.7	23
35	Profiling Human Androgen Receptor Mutations Reveals Treatment Effects in a Mouse Model of Prostate Cancer. Molecular Cancer Research, 2008, 6, 1691-1701.	3.4	22
36	Predicting response to hormonal therapy and survival in men with hormone sensitive metastatic prostate cancer. Critical Reviews in Oncology/Hematology, 2013, 85, 82-93.	4.4	22

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37	Differential modulation of the androgen receptor for prostate cancer therapy depends on the DNA response element. Nucleic Acids Research, 2020, 48, 4741-4755.	14.5	21
38	Two Distinct Mechanisms Elicit Androgen-Dependent Expression of the Mouse Sex-Limited Protein Gene. Molecular Endocrinology, 1997, 11, 460-469.	3.7	20
39	URI Regulates KAP1 Phosphorylation and Transcriptional Repression via PP2A Phosphatase in Prostate Cancer Cells. Journal of Biological Chemistry, 2016, 291, 25516-25528.	3.4	20
40	Spatial gene expression analysis of neuroanatomical differences in mouse models. NeuroImage, 2017, 163, 220-230.	4.2	18
41	The Androgen Receptor's CAG/Glutamine Tract in Mouse Models of Neurological Disease and Cancer. Journal of Alzheimer's Disease, 2008, 14, 247-255.	2.6	17
42	Involvement of an Octamer-Like Sequence Within a Crucial Region of the Androgen-DependentSlpEnhancer. DNA and Cell Biology, 1997, 16, 45-57.	1.9	16
43	Androgen receptor polyglutamine expansion drives age-dependent quality control defects and muscle dysfunction. Journal of Clinical Investigation, 2018, 128, 3630-3641.	8.2	16
44	The KRAB Zinc Finger Protein RSL1 Modulates Sex-Biased Gene Expression in Liver and Adipose Tissue To Maintain Metabolic Homeostasis. Molecular and Cellular Biology, 2014, 34, 221-232.	2.3	15
45	Regulator of sex-limitation KRAB zinc finger proteins modulate sex-dependent and -independent liver metabolism. Physiological Genomics, 2009, 38, 16-28.	2.3	14
46	Androgen receptor gene polymorphisms and alterations in prostate cancer: Of humanized mice and men. Molecular and Cellular Endocrinology, 2012, 352, 26-33.	3.2	13
47	Androgen receptor variants and prostate cancer in humanized AR mice. Journal of Steroid Biochemistry and Molecular Biology, 2008, 108, 230-236.	2.5	12
48	Androgen receptor and molecular mechanisms of male-specific gene expression. Novartis Foundation Symposium, 2008, , 42-56.	1.1	12
49	Androgen receptor interactions with Oct-1 and Brn-1 are physically and functionally distinct. Molecular and Cellular Endocrinology, 2002, 190, 39-49.	3.2	11
50	Multiple Mechanisms of Male-Specific Gene Expression: Lessons from the Mouse Sex-Limited Protein (Slp) Gene. Progress in Molecular Biology and Translational Science, 2004, 78, 1-36.	1.9	11
51	Steroid hormone responsiveness of a family of closely related mouse proviral elements. Mammalian Genome, 1997, 8, 811-817.	2.2	10
52	A Pair of Mouse KRAB Zinc Finger Proteins Modulates Multiple Indicators of Female Reproduction1. Biology of Reproduction, 2010, 82, 662-668.	2.7	10
53	Two Distinct Mechanisms Elicit Androgen-Dependent Expression of the Mouse Sex-Limited Protein Gene. Molecular Endocrinology, 1997, 11, 460-469.	3.7	10
54	Androgen receptor with short polyglutamine tract preferably enhances Wnt/Î²-catenin-mediated prostatic tumorigenesis. Oncogene, 2020, 39, 3276-3291.	5.9	9

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55	The Androgen Receptor (AR) Amino-Terminus Imposes Androgen-Specific Regulation of AR Gene Expression via an Exonic Enhancer. Endocrinology, 2001, 142, 1107-1116.	2.8	9
56	Androgen receptor and molecular mechanisms of male-specific gene expression. Novartis Foundation Symposium, 2005, 268, 42-52; discussion 53-6, 96-9.	1.1	9
57	Trans-regulatory genes affect Slpa and Slpo expression and act in a tissue-specific manner. Immunogenetics, 1989, 29, 340-345.	2.4	7
58	Regulatory capacity of an androgen-specific enhancer of the mouse Slp gene in transgenic mice. Molecular and Cellular Endocrinology, 1997, 133, 89-97.	3.2	7
59	Interaction of the Androgen Receptor, ETV1, and PTEN Pathways in Mouse Prostate Varies with Pathological Stage and Predicts Cancer Progression. Hormones and Cancer, 2015, 6, 67-86.	4.9	7
60	Mouse complement components C4 and Slp act synergistically in a homologous hemolytic C4 assay. European Journal of Immunology, 2000, 30, 1507-1511.	2.9	4
61	Adapter annealing to engineer restriction enzyme sites at cloning junctions. Analytical Biochemistry, 2006, 350, 313-315.	2.4	3
62	Insights from AR Gene Mutations. , 2009, , 207-240.		2
63	The Role of the Androgen Receptor Polyglutamine Tract in Prostate Cancer: In Mice and Men. , 2009, , 269-295.		1
64	Characterization of mice bearing humanized androgen receptor genes (h/mAr) varying in polymorphism length. NeuroImage, 2021, 226, 117594.	4.2	0