

Chawnshang Chang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1681947/chawnshang-chang-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

342
papers

19,136
citations

73
h-index

122
g-index

354
ext. papers

20,962
ext. citations

6.8
avg, IF

6.64
L-index

#	Paper	IF	Citations
342	Androgen receptor in prostate cancer. <i>Endocrine Reviews</i> , 2004 , 25, 276-308	27.2	1256
341	Androgen receptor (AR) coregulators: an overview. <i>Endocrine Reviews</i> , 2002 , 23, 175-200	27.2	680
340	Generation and characterization of androgen receptor knockout (ARKO) mice: an in vivo model for the study of androgen functions in selective tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13498-503	11.5	508
339	The roles of androgen receptors and androgen-binding proteins in nongenomic androgen actions. <i>Molecular Endocrinology</i> , 2002 , 16, 2181-7		426
338	Infertility with defective spermatogenesis and hypotestosteronemia in male mice lacking the androgen receptor in Sertoli cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 6876-81	11.5	358
337	Phosphorylation-dependent ubiquitylation and degradation of androgen receptor by Akt require Mdm2 E3 ligase. <i>EMBO Journal</i> , 2002 , 21, 4037-48	13	340
336	Androgen receptor roles in spermatogenesis and fertility: lessons from testicular cell-specific androgen receptor knockout mice. <i>Endocrine Reviews</i> , 2009 , 30, 119-32	27.2	321
335	Promotion of bladder cancer development and progression by androgen receptor signals. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 558-68	9.7	292
334	Androgen deprivation therapy for prostate cancer: current status and future prospects. <i>Prostate</i> , 2004 , 61, 332-53	4.2	248
333	Subfertility and defective folliculogenesis in female mice lacking androgen receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11209-14	11.5	231
332	Cloning and characterization of androgen receptor coactivator, ARA55, in human prostate. <i>Journal of Biological Chemistry</i> , 1999 , 274, 8316-21	5.4	229
331	Androgen receptor: an overview. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 1995 , 5, 97-125	1.3	221
330	Antitumor agents. 217. Curcumin analogues as novel androgen receptor antagonists with potential as anti-prostate cancer agents. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 5037-42	8.3	219
329	Characterization of two cis-acting DNA elements involved in the androgen regulation of the probasin gene. <i>Molecular Endocrinology</i> , 1993 , 7, 23-36		218
328	Androgen receptor is a tumor suppressor and proliferator in prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12182-7	11.5	207
327	Androgen receptor is a new potential therapeutic target for the treatment of hepatocellular carcinoma. <i>Gastroenterology</i> , 2008 , 135, 947-55, 955.e1-5	13.3	180
326	Cloning and characterization of human prostate coactivator ARA54, a novel protein that associates with the androgen receptor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 8570-6	5.4	170

325	Androgen receptor in sertoli cell is essential for germ cell nursery and junctional complex formation in mouse testes. <i>Endocrinology</i> , 2006 , 147, 5624-33	4.8	164
324	Increased prostate cell proliferation and loss of cell differentiation in mice lacking prostate epithelial androgen receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12679-84	11.5	162
323	The linkage of Kennedy@ neuron disease to ARA24, the first identified androgen receptor polyglutamine region-associated coactivator. <i>Journal of Biological Chemistry</i> , 1999 , 274, 20229-34	5.4	159
322	Targeting the androgen receptor with siRNA promotes prostate cancer metastasis through enhanced macrophage recruitment via CCL2/CCR2-induced STAT3 activation. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1383-401	12	158
321	Androgen receptor (AR) promotes clear cell renal cell carcinoma (ccRCC) migration and invasion via altering the circHIAT1/miR-195-5p/29a-3p/29c-3p/CDC42 signals. <i>Cancer Letters</i> , 2017 , 394, 1-12	9.9	155
320	Differential effects of spermatogenesis and fertility in mice lacking androgen receptor in individual testis cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18975-80	11.5	153
319	Monocyte/macrophage androgen receptor suppresses cutaneous wound healing in mice by enhancing local TNF-alpha expression. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3739-51	15.9	147
318	Increased hepatic steatosis and insulin resistance in mice lacking hepatic androgen receptor. <i>Hepatology</i> , 2008 , 47, 1924-35	11.2	144
317	Suppression versus induction of androgen receptor functions by the phosphatidylinositol 3-kinase/Akt pathway in prostate cancer LNCaP cells with different passage numbers. <i>Journal of Biological Chemistry</i> , 2003 , 278, 50902-7	5.4	142
316	Androgen receptor acetylation governs trans activation and MEKK1-induced apoptosis without affecting in vitro sumoylation and trans-repression function. <i>Molecular and Cellular Biology</i> , 2002 , 22, 3373-88	4.8	140
315	Insulin and leptin resistance with hyperleptinemia in mice lacking androgen receptor. <i>Diabetes</i> , 2005 , 54, 1717-25	0.9	138
314	Androgen receptor promotes hepatitis B virus-induced hepatocarcinogenesis through modulation of hepatitis B virus RNA transcription. <i>Science Translational Medicine</i> , 2010 , 2, 32ra35	17.5	134
313	ASC-J9 ameliorates spinal and bulbar muscular atrophy phenotype via degradation of androgen receptor. <i>Nature Medicine</i> , 2007 , 13, 348-53	50.5	133
312	Interleukin-6 differentially regulates androgen receptor transactivation via PI3K-Akt, STAT3, and MAPK, three distinct signal pathways in prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 305, 462-9	3.4	127
311	Abnormal mammary gland development and growth retardation in female mice and MCF7 breast cancer cells lacking androgen receptor. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1899-908	16.6	123
310	Targeting the stromal androgen receptor in primary prostate tumors at earlier stages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12188-93	11.5	120
309	ASC-J9 suppresses castration-resistant prostate cancer growth through degradation of full-length and splice variant androgen receptors. <i>Neoplasia</i> , 2012 , 14, 74-83	6.4	114
308	Infertility with defective spermatogenesis and steroidogenesis in male mice lacking androgen receptor in Leydig cells. <i>Endocrine</i> , 2007 , 32, 96-106		110

307	Retinoblastoma, a tumor suppressor, is a coactivator for the androgen receptor in human prostate cancer DU145 cells. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 248, 361-7	3.4	109
306	Localization of androgen receptor expression in human bone marrow. <i>Journal of Pathology</i> , 2001 , 193, 361-6	9.4	107
305	Hepatic androgen receptor suppresses hepatocellular carcinoma metastasis through modulation of cell migration and anoikis. <i>Hepatology</i> , 2012 , 56, 176-85	11.2	106
304	Oligozoospermia with normal fertility in male mice lacking the androgen receptor in testis peritubular myoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17718-23	11.5	106
303	Proteasome activity is required for androgen receptor transcriptional activity via regulation of androgen receptor nuclear translocation and interaction with coregulators in prostate cancer cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36570-6	5.4	106
302	Infiltrating macrophages promote prostate tumorigenesis via modulating androgen receptor-mediated CCL4-STAT3 signaling. <i>Cancer Research</i> , 2013 , 73, 5633-46	10.1	105
301	Androgen receptor interacts with the positive elongation factor P-TEFb and enhances the efficiency of transcriptional elongation. <i>Journal of Biological Chemistry</i> , 2001 , 276, 9978-84	5.4	105
300	Androgen receptor roles in the development of benign prostate hyperplasia. <i>American Journal of Pathology</i> , 2013 , 182, 1942-9	5.8	103
299	Androgen receptor influences on body defense system via modulation of innate and adaptive immune systems: lessons from conditional AR knockout mice. <i>American Journal of Pathology</i> , 2012 , 181, 1504-12	5.8	103
298	Induction of androgen receptor expression by phosphatidylinositol 3-kinase/Akt downstream substrate, FOXO3a, and their roles in apoptosis of LNCaP prostate cancer cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33558-65	5.4	103
297	Identification of ARA70 as a ligand-enhanced coactivator for the peroxisome proliferator-activated receptor gamma. <i>Journal of Biological Chemistry</i> , 1999 , 274, 16147-52	5.4	102
296	Androgen receptor roles in hepatocellular carcinoma, fatty liver, cirrhosis and hepatitis. <i>Endocrine-Related Cancer</i> , 2014 , 21, R165-82	5.7	98
295	The role of androgen and androgen receptor in skin-related disorders. <i>Archives of Dermatological Research</i> , 2012 , 304, 499-510	3.3	97
294	LncRNA-SARCC suppresses renal cell carcinoma (RCC) progression via altering the androgen receptor(AR)/miRNA-143-3p signals. <i>Cell Death and Differentiation</i> , 2017 , 24, 1502-1517	12.7	96
293	Differential androgen deprivation therapies with anti-androgens casodex/bicalutamide or MDV3100/Enzalutamide versus anti-androgen receptor ASC-J9(R) Lead to promotion versus suppression of prostate cancer metastasis. <i>Journal of Biological Chemistry</i> , 2013 , 288, 19359-69	5.4	95
292	Supervillin associates with androgen receptor and modulates its transcriptional activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 661-6	11.5	95
291	Modulation of androgen receptor transactivation by gelsolin: a newly identified androgen receptor coregulator. <i>Cancer Research</i> , 2003 , 63, 4888-94	10.1	92
290	Nongenomic androgen activation of phosphatidylinositol 3-kinase/Akt signaling pathway in MC3T3-E1 osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 1181-90	6.3	89

289	Androgen receptor corepressors: an overview. <i>Prostate</i> , 2005 , 63, 117-30	4.2	89
288	Neutropenia with impaired host defense against microbial infection in mice lacking androgen receptor. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1181-99	16.6	88
287	Transcriptional up-regulation of the human androgen receptor by androgen in bone cells. <i>Endocrinology</i> , 1997 , 138, 2291-300	4.8	87
286	Isolation of Ku70-binding proteins (KUBs). <i>Nucleic Acids Research</i> , 1999 , 27, 2165-74	20.1	87
285	Androgen receptor (AR) physiological roles in male and female reproductive systems: lessons learned from AR-knockout mice lacking AR in selective cells. <i>Biology of Reproduction</i> , 2013 , 89, 21	3.9	86
284	Decreased tumorigenesis and mortality from bladder cancer in mice lacking urothelial androgen receptor. <i>American Journal of Pathology</i> , 2013 , 182, 1811-20	5.8	85
283	Androgen receptor coregulators in prostate cancer: mechanisms and clinical implications. <i>Clinical Cancer Research</i> , 2004 , 10, 2208-19	12.9	85
282	From androgen receptor to the general transcription factor TFIID. Identification of cdk activating kinase (CAK) as an androgen receptor NH(2)-terminal associated coactivator. <i>Journal of Biological Chemistry</i> , 2000 , 275, 9308-13	5.4	85
281	Differential modulation of androgen receptor-mediated transactivation by Smad3 and tumor suppressor Smad4. <i>Journal of Biological Chemistry</i> , 2002 , 277, 43749-56	5.4	84
280	LncRNA-p21 alters the antiandrogen enzalutamide-induced prostate cancer neuroendocrine differentiation via modulating the EZH2/STAT3 signaling. <i>Nature Communications</i> , 2019 , 10, 2571	17.4	82
279	TR4 nuclear receptor functions as a fatty acid sensor to modulate CD36 expression and foam cell formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13353-8	11.5	82
278	Growth retardation and abnormal maternal behavior in mice lacking testicular orphan nuclear receptor 4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 15058-63	11.5	82
277	Recent advances in the TR2 and TR4 orphan receptors of the nuclear receptor superfamily. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002 , 81, 291-308	5.1	80
276	ARA67/PAT1 Functions as a Repressor To Suppress Androgen Receptor Transactivation. <i>Molecular and Cellular Biology</i> , 2004 , 24, 5635-5635	4.8	78
275	Estrogen receptor promotes renal cell carcinoma progression via regulating LncRNA HOTAIR-miR-138/200c/204/217 associated CeRNA network. <i>Oncogene</i> , 2018 , 37, 5037-5053	9.2	78
274	New therapy targeting differential androgen receptor signaling in prostate cancer stem/progenitor vs. non-stem/progenitor cells. <i>Journal of Molecular Cell Biology</i> , 2013 , 5, 14-26	6.3	77
273	Molecular basis for the antiandrogen withdrawal syndrome. <i>Journal of Cellular Biochemistry</i> , 2004 , 91, 3-12	4.7	77
272	Suppression of androgen receptor-mediated transactivation and cell growth by the glycogen synthase kinase 3 beta in prostate cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 32444-52	5.4	76

271	Molecular communication between androgen receptor and general transcription machinery. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003 , 84, 41-9	5.1	76
270	Preclinical Study using Malat1 Small Interfering RNA or Androgen Receptor Splicing Variant 7 Degradation Enhancer ASC-J9 to Suppress Enzalutamide-resistant Prostate Cancer Progression. <i>European Urology</i> , 2017 , 72, 835-844	10.2	74
269	Autoregulation of androgen receptor expression in rodent prostate: immunohistochemical and in situ hybridization analysis. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 177, 488-96	3.4	72
268	Functional domain and motif analyses of androgen receptor coregulator ARA70 and its differential expression in prostate cancer. <i>Journal of Biological Chemistry</i> , 2004 , 279, 33438-46	5.4	71
267	The use of phage display technique for the isolation of androgen receptor interacting peptides with (F/W)XXL(F/W) and FXXLY new signature motifs. <i>Journal of Biological Chemistry</i> , 2003 , 278, 23691-8	5.4	70
266	Transgelin functions as a suppressor via inhibition of ARA54-enhanced androgen receptor transactivation and prostate cancer cell growth. <i>Molecular Endocrinology</i> , 2007 , 21, 343-58		69
265	LncRNA PCAT1 activates AKT and NF- κ B signaling in castration-resistant prostate cancer by regulating the PHLPP/FKBP51/IKK α complex. <i>Nucleic Acids Research</i> , 2019 , 47, 4211-4225	20.1	69
264	Endothelial cells enhance prostate cancer metastasis via IL-6-androgen receptor- α GF- β MMP-9 signals. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 1026-37	6.1	68
263	New therapeutic approach to suppress castration-resistant prostate cancer using ASC-J9 via targeting androgen receptor in selective prostate cells. <i>American Journal of Pathology</i> , 2013 , 182, 460-73	5.8	66
262	Hydroxyflutamide may not always be a pure antiandrogen. <i>Lancet, The</i> , 1997 , 349, 852-3	4.0	66
261	Deficits in motor coordination with aberrant cerebellar development in mice lacking testicular orphan nuclear receptor 4. <i>Molecular and Cellular Biology</i> , 2005 , 25, 2722-32	4.8	66
260	ASC-J9 suppresses renal cell carcinoma progression by targeting an androgen receptor-dependent HIF2 α /VEGF signaling pathway. <i>Cancer Research</i> , 2014 , 74, 4420-30	10.1	65
259	Androgen receptor (AR) positive vs negative roles in prostate cancer cell deaths including apoptosis, anoikis, entosis, necrosis and autophagic cell death. <i>Cancer Treatment Reviews</i> , 2014 , 40, 31-40	14.4	64
258	Antisense TR3 orphan receptor can increase prostate cancer cell viability with etoposide treatment. <i>Endocrinology</i> , 1998 , 139, 2329-34	4.8	62
257	Loss of stromal androgen receptor leads to suppressed prostate tumourigenesis via modulation of pro-inflammatory cytokines/chemokines. <i>EMBO Molecular Medicine</i> , 2012 , 4, 791-807	12	61
256	Defects of prostate development and reproductive system in the estrogen receptor-alpha null male mice. <i>Endocrinology</i> , 2009 , 150, 251-9	4.8	61
255	Metformin inhibits nuclear receptor TR4-mediated hepatic stearyl-CoA desaturase 1 gene expression with altered insulin sensitivity. <i>Diabetes</i> , 2011 , 60, 1493-503	0.9	61
254	Loss of TR4 orphan nuclear receptor reduces phosphoenolpyruvate carboxykinase-mediated gluconeogenesis. <i>Diabetes</i> , 2007 , 56, 2901-9	0.9	61

253	Tissue prostate-specific antigen facilitates refractory prostate tumor progression via enhancing ARA70-regulated androgen receptor transactivation. <i>Cancer Research</i> , 2008 , 68, 7110-9	10.1	59
252	Differential induction of androgen receptor transactivation by different androgen receptor coactivators in human prostate cancer DU145 cells. <i>Endocrine</i> , 1999 , 11, 195-202		59
251	Infiltrating T cells promote prostate cancer metastasis via modulation of FGF11-miRNA-541-androgen receptor (AR)-MMP9 signaling. <i>Molecular Oncology</i> , 2015 , 9, 44-57	7.9	58
250	Androgen receptor (AR) NH ₂ - and COOH-terminal interactions result in the differential influences on the AR-mediated transactivation and cell growth. <i>Molecular Endocrinology</i> , 2005 , 19, 350-61		58
249	Tumor microenvironment B cells increase bladder cancer metastasis via modulation of the IL-8/androgen receptor (AR)/MMPs signals. <i>Oncotarget</i> , 2015 , 6, 26065-78	3.3	58
248	Androgen receptor (AR) pathophysiological roles in androgen-related diseases in skin, bone/muscle, metabolic syndrome and neuron/immune systems: lessons learned from mice lacking AR in specific cells. <i>Nuclear Receptor Signaling</i> , 2013 , 11, e001	1	57
247	EREMediated Alteration of circATP2B1 and miR-204-3p Signaling Promotes Invasion of Clear Cell Renal Cell Carcinoma. <i>Cancer Research</i> , 2018 , 78, 2550-2563	10.1	56
246	Neuronal androgen receptor regulates insulin sensitivity via suppression of hypothalamic NF-B-mediated PTP1B expression. <i>Diabetes</i> , 2013 , 62, 411-23	0.9	56
245	Identification of direct repeat 4 as a positive regulatory element for the human TR4 orphan receptor. A modulator for the thyroid hormone target genes. <i>Journal of Biological Chemistry</i> , 1997 , 272, 12215-20	5.4	56
244	Hyperleptinemia without obesity in male mice lacking androgen receptor in adipose tissue. <i>Endocrinology</i> , 2008 , 149, 2361-8	4.8	56
243	Targeted inactivation of testicular nuclear orphan receptor 4 delays and disrupts late meiotic prophase and subsequent meiotic divisions of spermatogenesis. <i>Molecular and Cellular Biology</i> , 2004 , 24, 5887-99	4.8	56
242	Negative feedback control of the retinoid-retinoic acid/retinoid X receptor pathway by the human TR4 orphan receptor, a member of the steroid receptor superfamily. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13437-43	5.4	56
241	Inhibition of the Akt, cyclooxygenase-2, and matrix metalloproteinase-9 pathways in combination with androgen deprivation therapy: potential therapeutic approaches for prostate cancer. <i>Molecular Carcinogenesis</i> , 2005 , 44, 1-10	5	55
240	Identification and characterization of a novel androgen receptor coregulator ARA267-alpha in prostate cancer cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40417-23	5.4	55
239	Induction of the intronic enhancer of the human ciliary neurotrophic factor receptor (CNTFRalpha) gene by the TR4 orphan receptor. A member of steroid receptor superfamily. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3109-16	5.4	54
238	Inactivation of androgen receptor coregulator ARA55 inhibits androgen receptor activity and agonist effect of antiandrogens in prostate cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5124-9	11.5	54
237	Infiltrating mast cells enhance prostate cancer invasion via altering lncRNA-HOTAIR/PRC2-androgen receptor (AR)-MMP9 signals and increased stem/progenitor cell population. <i>Oncotarget</i> , 2015 , 6, 14179-90	3.3	54
236	Recruited mast cells in the tumor microenvironment enhance bladder cancer metastasis via modulation of ER/CCL2/CCR2 EMT/MMP9 signals. <i>Oncotarget</i> , 2016 , 7, 7842-55	3.3	54

235	Altered prostate epithelial development in mice lacking the androgen receptor in stromal fibroblasts. <i>Prostate</i> , 2012 , 72, 437-49	4.2	53
234	The miR-367-3p Increases Sorafenib Chemotherapy Efficacy to Suppress Hepatocellular Carcinoma Metastasis through Altering the Androgen Receptor Signals. <i>EBioMedicine</i> , 2016 , 12, 55-67	8.8	53
233	Cisplatin enhances NK cells immunotherapy efficacy to suppress HCC progression via altering the androgen receptor (AR)-ULBP2 signals. <i>Cancer Letters</i> , 2016 , 373, 45-56	9.9	52
232	Androgen receptor roles in insulin resistance and obesity in males: the linkage of androgen-deprivation therapy to metabolic syndrome. <i>Diabetes</i> , 2014 , 63, 3180-8	0.9	51
231	Androgen receptor in human prostate cancer-associated fibroblasts promotes prostate cancer epithelial cell growth and invasion. <i>Medical Oncology</i> , 2013 , 30, 674	3.7	51
230	Targeting androgen receptor in bone marrow mesenchymal stem cells leads to better transplantation therapy efficacy in liver cirrhosis. <i>Hepatology</i> , 2013 , 57, 1550-63	11.2	51
229	Susceptibility to autoimmunity and B cell resistance to apoptosis in mice lacking androgen receptor in B cells. <i>Molecular Endocrinology</i> , 2009 , 23, 444-53		51
228	Identification of human TR2 orphan receptor response element in the transcriptional initiation site of the simian virus 40 major late promoter. <i>Journal of Biological Chemistry</i> , 1995 , 270, 5434-40	5.4	51
227	Suppression of gene expression on the simian virus 40 major late promoter by human TR4 orphan receptor. A member of the steroid receptor superfamily. <i>Journal of Biological Chemistry</i> , 1995 , 270, 30129-33	5.4	50
226	Cryptotanshinone suppresses androgen receptor-mediated growth in androgen dependent and castration resistant prostate cancer cells. <i>Cancer Letters</i> , 2012 , 316, 11-22	9.9	49
225	Targeting androgen receptor to suppress macrophage-induced EMT and benign prostatic hyperplasia (BPH) development. <i>Molecular Endocrinology</i> , 2012 , 26, 1707-15		49
224	Human checkpoint protein hRad9 functions as a negative coregulator to repress androgen receptor transactivation in prostate cancer cells. <i>Molecular and Cellular Biology</i> , 2004 , 24, 2202-13	4.8	49
223	A dominant-negative mutant of androgen receptor coregulator ARA54 inhibits androgen receptor-mediated prostate cancer growth. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4609-17	5.4	49
222	Preclinical study using circular RNA 17 and micro RNA 181c-5p to suppress the enzalutamide-resistant prostate cancer progression. <i>Cell Death and Disease</i> , 2019 , 10, 37	9.8	48
221	Increased infiltrated macrophages in benign prostatic hyperplasia (BPH): role of stromal androgen receptor in macrophage-induced prostate stromal cell proliferation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 18376-85	5.4	48
220	Targeting the unique methylation pattern of androgen receptor (AR) promoter in prostate stem/progenitor cells with 5-aza-2-Deoxycytidine (5-AZA) leads to suppressed prostate tumorigenesis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 39954-66	5.4	47
219	Differential regulation of direct repeat 3 vitamin D3 and direct repeat 4 thyroid hormone signaling pathways by the human TR4 orphan receptor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 16198-205	5.4	47
218	Increased chemosensitivity via targeting testicular nuclear receptor 4 (TR4)-Oct4-interleukin 1 receptor antagonist (IL1Ra) axis in prostate cancer CD133+ stem/progenitor cells to battle prostate cancer. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16476-16483	5.4	46

217	APPL suppresses androgen receptor transactivation via potentiating Akt activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 16820-7	5.4	46
216	Multiple Functions of the TR2-11 Orphan Receptor in Modulating Activation of Two Key Cis-acting Elements Involved in the Retinoic Acid Signal Transduction System. <i>Journal of Biological Chemistry</i> , 1995 , 270, 30121-30128	5.4	45
215	Inhibition of hair growth by testosterone in the presence of dermal papilla cells from the frontal bald scalp of the postpubertal stump-tailed macaque. <i>Endocrinology</i> , 1997 , 138, 356-61	4.8	44
214	Modulation of estrogen receptor-mediated transactivation by orphan receptor TR4 in MCF-7 cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 14622-8	5.4	44
213	Altered prostate epithelial development and IGF-1 signal in mice lacking the androgen receptor in stromal smooth muscle cells. <i>Prostate</i> , 2011 , 71, 517-24	4.2	43
212	Suppressed prostate epithelial development with impaired branching morphogenesis in mice lacking stromal fibromuscular androgen receptor. <i>Molecular Endocrinology</i> , 2012 , 26, 52-66		43
211	Androgen receptor increases hematogenous metastasis yet decreases lymphatic metastasis of renal cell carcinoma. <i>Nature Communications</i> , 2017 , 8, 918	17.4	42
210	Suppression of androgen receptor transactivation by Pyk2 via interaction and phosphorylation of the ARA55 coregulator. <i>Journal of Biological Chemistry</i> , 2002 , 277, 15426-31	5.4	42
209	Differential induction of the androgen receptor transcriptional activity by selective androgen receptor coactivators. <i>Keio Journal of Medicine</i> , 1999 , 48, 87-92	1.6	41
208	Stromal androgen receptor roles in the development of normal prostate, benign prostate hyperplasia, and prostate cancer. <i>American Journal of Pathology</i> , 2015 , 185, 293-301	5.8	40
207	Identification of a new androgen receptor (AR) co-regulator BUD31 and related peptides to suppress wild-type and mutated AR-mediated prostate cancer growth via peptide screening and X-ray structure analysis. <i>Molecular Oncology</i> , 2014 , 8, 1575-87	7.9	40
206	The expression and evaluation of androgen receptor in human renal cell carcinoma. <i>Urology</i> , 2014 , 83, 510.e19-24	1.6	40
205	Androgen receptor regulates expression of skeletal muscle-specific proteins and muscle cell types. <i>Endocrine</i> , 2004 , 25, 27-32		40
204	Interruption of nuclear factor kappaB signaling by the androgen receptor facilitates 12-O-tetradecanoylphorbolacetate-induced apoptosis in androgen-sensitive prostate cancer LNCaP cells. <i>Cancer Research</i> , 2003 , 63, 7106-12	10.1	40
203	Involvement of interleukin-6 and androgen receptor signaling in pancreatic cancer. <i>Genes and Cancer</i> , 2010 , 1, 859-67	2.9	39
202	p53 is a mediator for radiation-repressed human TR2 orphan receptor expression in MCF-7 cells, a new pathway from tumor suppressor to member of the steroid receptor superfamily. <i>Journal of Biological Chemistry</i> , 1996 , 271, 14649-52	5.4	39
201	Androgen receptor (AR) in cardiovascular diseases. <i>Journal of Endocrinology</i> , 2016 , 229, R1-R16	4.7	38
200	Androgen receptor enhances cell adhesion and decreases cell migration via modulating β -integrin-AKT signaling in hepatocellular carcinoma cells. <i>Cancer Letters</i> , 2014 , 351, 64-71	9.9	38

199	BM-MSCs promote prostate cancer progression via the conversion of normal fibroblasts to cancer-associated fibroblasts. <i>International Journal of Oncology</i> , 2015 , 47, 719-27	4.4	38
198	Tumor suppressor PAX6 functions as androgen receptor co-repressor to inhibit prostate cancer growth. <i>Prostate</i> , 2010 , 70, 190-9	4.2	38
197	Regulation of interleukin-6-mediated PI3K activation and neuroendocrine differentiation by androgen signaling in prostate cancer LNCaP cells. <i>Prostate</i> , 2004 , 60, 61-7	4.2	38
196	Antitumor agents 222. Synthesis and anti-androgen activity of new diarylheptanoids. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 5083-90	3.4	38
195	Disruption of TR4 orphan nuclear receptor reduces the expression of liver apolipoprotein E/C-I/C-II gene cluster. <i>Journal of Biological Chemistry</i> , 2003 , 278, 46919-26	5.4	38
194	Infiltrated pre-adipocytes increase prostate cancer metastasis via modulation of the miR-301a/androgen receptor (AR)/TGF- β /Smad/MMP9 signals. <i>Oncotarget</i> , 2015 , 6, 12326-39	3.3	36
193	Activation of mitogen-activated protein kinase pathway by the antiandrogen hydroxyflutamide in androgen receptor-negative prostate cancer cells. <i>Cancer Research</i> , 2002 , 62, 6039-44	10.1	36
192	Androgen receptor-regulated circFNTA activates KRAS signaling to promote bladder cancer invasion. <i>EMBO Reports</i> , 2020 , 21, e48467	6.5	35
191	Targeting Androgen Receptor (AR)-IL12A Signal Enhances Efficacy of Sorafenib plus NK Cells Immunotherapy to Better Suppress HCC Progression. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 731-742	6.1	35
190	Concise review: androgen receptor differential roles in stem/progenitor cells including prostate, embryonic, stromal, and hematopoietic lineages. <i>Stem Cells</i> , 2014 , 32, 2299-308	5.8	35
189	Suppression of the human erythropoietin gene expression by the TR2 orphan receptor, a member of the steroid receptor superfamily. <i>Journal of Biological Chemistry</i> , 1996 , 271, 10405-12	5.4	35
188	Suppression of estrogen receptor-mediated transcription and cell growth by interaction with TR2 orphan receptor. <i>Journal of Biological Chemistry</i> , 2002 , 277, 33571-9	5.4	35
187	ASC-J9(Δ) suppresses castration resistant prostate cancer progression via degrading the enzalutamide-induced androgen receptor mutant AR-F876L. <i>Cancer Letters</i> , 2016 , 379, 154-60	9.9	35
186	Androgen receptor (AR)/miR-520f-3p/SOX9 signaling is involved in altering hepatocellular carcinoma (HCC) cell sensitivity to the Sorafenib therapy under hypoxia via increasing cancer stem cells phenotype. <i>Cancer Letters</i> , 2019 , 444, 175-187	9.9	34
185	New therapy via targeting androgen receptor in monocytes/macrophages to battle atherosclerosis. <i>Hypertension</i> , 2014 , 63, 1345-53	8.5	33
184	Suppressor role of androgen receptor in proliferation of prostate basal epithelial and progenitor cells. <i>Journal of Endocrinology</i> , 2012 , 213, 173-82	4.7	33
183	Reducing the agonist activity of antiandrogens by a dominant-negative androgen receptor coregulator ARA70 in prostate cancer cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 19619-26	5.4	33
182	Anti-androgen enzalutamide enhances prostate cancer neuroendocrine (NE) differentiation via altering the infiltrated mast cells \rightarrow androgen receptor (AR) \rightarrow miRNA32 signals. <i>Molecular Oncology</i> , 2015 , 9, 1241-51	7.9	32

181	Targeting fatty acid synthase with ASC-J9 suppresses proliferation and invasion of prostate cancer cells. <i>Molecular Carcinogenesis</i> , 2016 , 55, 2278-2290	5	32
180	Androgen receptor enhances kidney stone-CaOx crystal formation via modulation of oxalate biosynthesis & oxidative stress. <i>Molecular Endocrinology</i> , 2014 , 28, 1291-303		32
179	Targeting androgen receptor leads to suppression of prostate cancer via induction of autophagy. <i>Journal of Urology</i> , 2012 , 188, 1361-8	2.5	32
178	Ontogeny and autoregulation of androgen receptor mRNA expression in the nervous system. <i>Endocrine</i> , 1998 , 9, 79-88		32
177	Subfertility with defective folliculogenesis in female mice lacking testicular orphan nuclear receptor 4. <i>Molecular Endocrinology</i> , 2008 , 22, 858-67		32
176	A bidirectional regulation between the TR2/TR4 orphan receptors (TR2/TR4) and the ciliary neurotrophic factor (CNTF) signaling pathway. <i>Journal of Biological Chemistry</i> , 1998 , 273, 20877-85	5.4	32
175	Transcriptional Up-Regulation of the Human Androgen Receptor by Androgen in Bone Cells		32
174	Androgen receptor (AR) suppresses miRNA-145 to promote renal cell carcinoma (RCC) progression independent of VHL status. <i>Oncotarget</i> , 2015 , 6, 31203-15	3.3	32
173	ARA67/PAT1 functions as a repressor to suppress androgen receptor transactivation. <i>Molecular and Cellular Biology</i> , 2004 , 24, 1044-57	4.8	31
172	TR4 nuclear receptor promotes prostate cancer metastasis via upregulation of CCL2/CCR2 signaling. <i>International Journal of Cancer</i> , 2015 , 136, 955-64	7.5	30
171	Androgen receptor promotes abdominal aortic aneurysm development via modulating inflammatory interleukin-1 β and transforming growth factor- β expression. <i>Hypertension</i> , 2015 , 66, 881-91	8.5	30
170	Preclinical studies using miR-32-5p to suppress clear cell renal cell carcinoma metastasis via altering the miR-32-5p/TR4/HGF/Met signaling. <i>International Journal of Cancer</i> , 2018 , 143, 100-112	7.5	30
169	Human kallikrein 2 (KLK2) promotes prostate cancer cell growth via function as a modulator to promote the ARA70-enhanced androgen receptor transactivation. <i>Tumor Biology</i> , 2014 , 35, 1881-90	2.9	30
168	Targeting thymic epithelia AR enhances T-cell reconstitution and bone marrow transplant grafting efficacy. <i>Molecular Endocrinology</i> , 2013 , 27, 25-37		30
167	Infiltrating bone marrow mesenchymal stem cells (BM-MSCs) increase prostate cancer cell invasion via altering the CCL5/HIF2 β and androgen receptor signals. <i>Oncotarget</i> , 2015 , 6, 27555-65	3.3	30
166	Targeting stromal androgen receptor suppresses prolactin-driven benign prostatic hyperplasia (BPH). <i>Molecular Endocrinology</i> , 2013 , 27, 1617-31		29
165	Roles of testicular orphan nuclear receptors 2 and 4 in early embryonic development and embryonic stem cells. <i>Endocrinology</i> , 2009 , 150, 2454-62	4.8	29
164	Role of chaperones in nuclear translocation and transactivation of steroid receptors. <i>Endocrine</i> , 2001 , 14, 143-9		29

163	Infiltrating neutrophils increase bladder cancer cell invasion via modulation of androgen receptor (AR)/MMP13 signals. <i>Oncotarget</i> , 2015 , 6, 43081-9	3.3	29
162	Identification of testosterone-/androgen receptor-regulated genes in mouse Sertoli cells. <i>Asian Journal of Andrology</i> , 2012 , 14, 294-300	2.8	28
161	TR4 nuclear receptor promotes clear cell renal cell carcinoma (ccRCC) vasculogenic mimicry (VM) formation and metastasis via altering the miR490-3p/vimentin signals. <i>Oncogene</i> , 2018 , 37, 5901-5912	9.2	28
160	Targeting androgen receptor versus targeting androgens to suppress castration resistant prostate cancer. <i>Cancer Letters</i> , 2017 , 397, 133-143	9.9	27
159	Increased PrLZ-mediated androgen receptor transactivation promotes prostate cancer growth at castration-resistant stage. <i>Carcinogenesis</i> , 2013 , 34, 257-67	4.6	27
158	Premature aging with impaired oxidative stress defense in mice lacking TR4. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E91-8	6	27
157	Suppression of androgen receptor enhances the self-renewal of mesenchymal stem cells through elevated expression of EGFR. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1222-34	4.9	26
156	TR4 activates FATP1 gene expression to promote lipid accumulation in 3T3-L1 adipocytes. <i>FEBS Letters</i> , 2011 , 585, 2763-7	3.8	26
155	Differential regulation of testosterone vs. 5 α -dihydrotestosterone by selective androgen response elements. <i>Molecular and Cellular Biochemistry</i> , 2000 , 206, 169-75	4.2	26
154	Natural killer cells suppress enzalutamide resistance and cell invasion in the castration resistant prostate cancer via targeting the androgen receptor splicing variant 7 (ARv7). <i>Cancer Letters</i> , 2017 , 398, 62-69	9.9	25
153	The p53/retinoblastoma-mediated repression of testicular orphan receptor-2 in the rhesus monkey with cryptorchidism. <i>Journal of Biological Chemistry</i> , 2000 , 275, 23877-83	5.4	25
152	Targeting TR4 nuclear receptor suppresses prostate cancer invasion via reduction of infiltrating macrophages with alteration of the TIMP-1/MMP2/MMP9 signals. <i>Molecular Cancer</i> , 2015 , 14, 16	42.1	24
151	Antiandrogen Therapy with Hydroxyflutamide or Androgen Receptor Degradation Enhancer ASC-J9 Enhances BCG Efficacy to Better Suppress Bladder Cancer Progression. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 2586-94	6.1	24
150	Higher expression of peroxisome proliferator-activated receptor β or its activation by agonist thiazolidinedione-rosiglitazone promotes bladder cancer cell migration and invasion. <i>Urology</i> , 2013 , 81, 1109.e1-6	1.6	24
149	Suppression of hepatitis B virus core promoter by the nuclear orphan receptor TR4. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9353-60	5.4	24
148	TR2 orphan receptor functions as negative modulator for androgen receptor in prostate cancer cells PC-3. <i>Prostate</i> , 2003 , 57, 129-33	4.2	24
147	Androgen receptor reverses the oncometabolite R-2-hydroxyglutarate-induced prostate cancer cell invasion via suppressing the circRNA-51217/miRNA-646/TGF β /p-Smad2/3 signaling. <i>Cancer Letters</i> , 2020 , 472, 151-164	9.9	24
146	TR4 nuclear receptor functions as a tumor suppressor for prostate tumorigenesis via modulation of DNA damage/repair system. <i>Carcinogenesis</i> , 2014 , 35, 1399-406	4.6	23

145	A new prostate cancer therapeutic approach: combination of androgen ablation with COX-2 inhibitor. <i>International Journal of Cancer</i> , 2008 , 123, 195-201	7.5	23
144	Targeting the estrogen receptor alpha (ER α)-mediated circ-SMG1.72/miR-141-3p/Gelsolin signaling to better suppress the HCC cell invasion. <i>Oncogene</i> , 2020 , 39, 2493-2508	9.2	23
143	ASC-J9(□), and not Casodex or Enzalutamide, suppresses prostate cancer stem/progenitor cell invasion via altering the EZH2-STAT3 signals. <i>Cancer Letters</i> , 2016 , 376, 377-86	9.9	23
142	Androgen receptor (AR) degradation enhancer ASC-J9 in an FDA-approved formulated solution suppresses castration resistant prostate cancer cell growth. <i>Cancer Letters</i> , 2018 , 417, 182-191	9.9	23
141	Androgen receptor and immune inflammation in benign prostatic hyperplasia and prostate cancer. <i>Clinical Investigation</i> , 2014 , 4, 935-950		22
140	Oxidative stress stimulates testicular orphan receptor 4 through forkhead transcription factor forkhead box O3a. <i>Endocrinology</i> , 2008 , 149, 3490-9	4.8	22
139	TR4 nuclear receptor increases prostate cancer invasion via decreasing the miR-373-3p expression to alter TGF β 2/p-Smad3 signals. <i>Oncotarget</i> , 2015 , 6, 15397-409	3.3	22
138	ADT with antiandrogens in prostate cancer induces adverse effect of increasing resistance, neuroendocrine differentiation and tumor metastasis. <i>Cancer Letters</i> , 2018 , 439, 47-55	9.9	22
137	Androgen receptor enhances entosis, a non-apoptotic cell death, through modulation of Rho/ROCK pathway in prostate cancer cells. <i>Prostate</i> , 2013 , 73, 1306-15	4.2	21
136	Sorafenib with ASC-J9 synergistically suppresses the HCC progression via altering the pSTAT3-CCL2/Bcl2 signals. <i>International Journal of Cancer</i> , 2017 , 140, 705-717	7.5	21
135	Reduced osteoblast activity in the mice lacking TR4 nuclear receptor leads to osteoporosis. <i>Reproductive Biology and Endocrinology</i> , 2012 , 10, 43	5	21
134	The diverse and contrasting effects of using human prostate cancer cell lines to study androgen receptor roles in prostate cancer. <i>Asian Journal of Andrology</i> , 2009 , 11, 39-48	2.8	21
133	Repression of glucagon gene transcription by peroxisome proliferator-activated receptor gamma through inhibition of Pax6 transcriptional activity. <i>Journal of Biological Chemistry</i> , 2002 , 277, 1941-8	5.4	21
132	Abnormal mitochondrial function and impaired granulosa cell differentiation in androgen receptor knockout mice. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 9831-49	6.3	20
131	The miR-92a-2-5p in exosomes from macrophages increases liver cancer cells invasion via altering the AR/PHLPP/p-AKT/ β -catenin signaling. <i>Cell Death and Differentiation</i> , 2020 , 27, 3258-3272	12.7	20
130	TR2 and TR4 Orphan Nuclear Receptors: An Overview. <i>Current Topics in Developmental Biology</i> , 2017 , 125, 357-373	5.3	20
129	Androgen-deprivation therapy with enzalutamide enhances prostate cancer metastasis via decreasing the EPHB6 suppressor expression. <i>Cancer Letters</i> , 2017 , 408, 155-163	9.9	20
128	Epidermal growth factor enhances androgen receptor-mediated bladder cancer progression and invasion via potentiation of AR transactivation. <i>Oncology Reports</i> , 2013 , 30, 2917-22	3.5	20

127	Increased CK5/CK8-positive intermediate cells with stromal smooth muscle cell atrophy in the mice lacking prostate epithelial androgen receptor. <i>PLoS ONE</i> , 2011 , 6, e20202	3.7	20
126	Altered TNSALP expression and phosphate regulation contribute to reduced mineralization in mice lacking androgen receptor. <i>Molecular and Cellular Biology</i> , 2008 , 28, 7354-67	4.8	20
125	The roles of testicular orphan nuclear receptor 4 (TR4) in cerebellar development. <i>Cerebellum</i> , 2008 , 7, 9-17	4.3	20
124	TR4 orphan nuclear receptor functions as an apoptosis modulator via regulation of Bcl-2 gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 323-8	3.4	20
123	Induction of apolipoprotein E expression by TR4 orphan nuclear receptor via 5Qproximal promoter region. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 328, 85-90	3.4	20
122	Expression of the orphan receptor TR4 during brain development of the rat. <i>Molecular Brain Research</i> , 2000 , 77, 104-10		20
121	Up-regulation of SOX9 in sertoli cells from testiculopathic patients accounts for increasing anti-mullerian hormone expression via impaired androgen receptor signaling. <i>PLoS ONE</i> , 2013 , 8, e76303 ^{3.7}		20
120	Transcriptional activation of human TR3/nur77 gene expression by human T-lymphotropic virus type I Tax protein through two AP-1-like elements. <i>Journal of General Virology</i> , 1999 , 80 (Pt 12), 3073-3081 ^{4.9}		20
119	ASC-J9 suppresses prostate cancer cell invasion via altering the sumoylation-phosphorylation of STAT3. <i>Cancer Letters</i> , 2018 , 425, 21-30	9.9	19
118	Loss of androgen receptor promotes adipogenesis but suppresses osteogenesis in bone marrow stromal cells. <i>Stem Cell Research</i> , 2013 , 11, 938-50	1.6	19
117	Activation of TR4 orphan nuclear receptor gene promoter by cAMP/PKA and C/EBP signaling. <i>Endocrine</i> , 2009 , 36, 211-7	4	19
116	Identification of a novel testicular orphan receptor-4 (TR4)-associated protein as repressor for the selective suppression of TR4-mediated transactivation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 7709-17 ^{5.4}		19
115	Neurotensin and its receptors mediate neuroendocrine transdifferentiation in prostate cancer. <i>Oncogene</i> , 2019 , 38, 4875-4884	9.2	18
114	Recruited T cells promote the bladder cancer metastasis via up-regulation of the estrogen receptor β L-1/c-MET signals. <i>Cancer Letters</i> , 2018 , 430, 215-223	9.9	18
113	Minireview: Pathophysiological roles of the TR4 nuclear receptor: lessons learned from mice lacking TR4. <i>Molecular Endocrinology</i> , 2014 , 28, 805-21		18
112	Targeting inflammatory cytokines-androgen receptor (AR) signaling with ASC-J9 to better battle prostate cancer progression. <i>Oncolmunology</i> , 2013 , 2, e26853	7.2	18
111	Testosterone delivered with a scaffold is as effective as bone morphologic protein-2 in promoting the repair of critical-size segmental defect of femoral bone in mice. <i>PLoS ONE</i> , 2013 , 8, e70234	3.7	18
110	The reduced trabecular bone mass of adult ARKO male mice results from the decreased osteogenic differentiation of bone marrow stroma cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 477-82	3.4	18

109	Mice lacking TR4 nuclear receptor develop mitochondrial myopathy with deficiency in complex I. <i>Molecular Endocrinology</i> , 2011 , 25, 1301-10		18
108	Actin associated proteins function as androgen receptor coregulators: an implication of androgen receptor roles in skeletal muscle. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 111, 157-63	5.1	18
107	Estrogen receptor promotes lung cancer cell invasion via increase of and cross-talk with infiltrated macrophages through the CCL2/CCR2/MMP9 and CXCL12/CXCR4 signaling pathways. <i>Molecular Oncology</i> , 2020 , 14, 1779-1799	7.9	17
106	Determination of androgen receptor degradation enhancer ASC-J9() in mouse sera and organs with liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 117-22	3.5	17
105	The selective inhibitory effect of a synthetic tanshinone derivative on prostate cancer cells. <i>Prostate</i> , 2012 , 72, 803-16	4.2	17
104	Loss of testicular orphan receptor 4 impairs normal myelination in mouse forebrain. <i>Molecular Endocrinology</i> , 2007 , 21, 908-20		17
103	Preclinical study using androgen receptor (AR) degradation enhancer to increase radiotherapy efficacy via targeting radiation-increased AR to better suppress prostate cancer progression. <i>EBioMedicine</i> , 2019 , 40, 504-516	8.8	16
102	Infiltrating neutrophils promote renal cell carcinoma (RCC) proliferation via modulating androgen receptor (AR) - π -Myc signals. <i>Cancer Letters</i> , 2015 , 368, 71-78	9.9	16
101	YAP1 regulates prostate cancer stem cell-like characteristics to promote castration resistant growth. <i>Oncotarget</i> , 2017 , 8, 115054-115067	3.3	16
100	Evaluation of RU58841 as an anti-androgen in prostate PC3 cells and a topical anti-alopecia agent in the bald scalp of stump-tailed macaques. <i>Endocrine</i> , 1998 , 9, 39-43		16
99	Suppression of androgen receptor transactivation and prostate cancer cell growth by heterogeneous nuclear ribonucleoprotein A1 via interaction with androgen receptor coregulator ARA54. <i>Endocrinology</i> , 2007 , 148, 1340-9	4.8	16
98	Actin monomer enhances supervillin-modulated androgen receptor transactivation. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 393-6	3.4	16
97	TR4 orphan receptor represses the human steroid 21-hydroxylase gene expression through the monomeric AGGTCA motif. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 285, 1361-8	3.4	16
96	Roles of testosterone in the growth of keratinocytes through bald frontal dermal papilla cells. <i>Endocrine</i> , 1999 , 11, 321-7		16
95	Deficiency in Androgen Receptor Aggravates the Depressive-Like Behaviors in Chronic Mild Stress Model of Depression. <i>Cells</i> , 2019 , 8,	7.9	15
94	Loss of the androgen receptor suppresses intrarenal calcium oxalate crystals deposition via altering macrophage recruitment/M2 polarization with change of the miR-185-5p/CSF-1 signals. <i>Cell Death and Disease</i> , 2019 , 10, 275	9.8	15
93	TR4 Nuclear Receptor Alters the Prostate Cancer CD133+ Stem/Progenitor Cell Invasion via Modulating the EZH2-Related Metastasis Gene Expression. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 1445-53	6.1	15
92	3 beta-acetoxyandrost-1,5-diene-17-ethylene ketal functions as a potent antiandrogen with marginal agonist activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 4440-4	11.5	15

91	C1QBP Regulates YBX1 to Suppress the Androgen Receptor (AR)-Enhanced RCC Cell Invasion. <i>Neoplasia</i> , 2017 , 19, 135-144	6.4	14
90	The Protective Roles of Estrogen Receptor in Renal Calcium Oxalate Crystal Formation Reducing the Liver Oxalate Biosynthesis and Renal Oxidative Stress-Mediated Cell Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 5305014	6.7	14
89	TR nuclear receptor suppresses HCC cell invasion via downregulating the EphA2 expression. <i>Cell Death and Disease</i> , 2018 , 9, 283	9.8	14
88	Differential roles of PPAR γ s TR4 in prostate cancer and metabolic diseases. <i>Endocrine-Related Cancer</i> , 2014 , 21, R279-300	5.7	14
87	Deficiency in TR4 nuclear receptor abrogates Gadd45a expression and increases cytotoxicity induced by ionizing radiation. <i>Cellular and Molecular Biology Letters</i> , 2012 , 17, 309-22	8.1	14
86	Increased acetylation in the DNA-binding domain of TR4 nuclear receptor by the coregulator ARA55 leads to suppression of TR4 transactivation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 21129-36	5.4	14
85	TR4 orphan receptor crosstalks to chicken ovalbumin upstream protein-transcription factor and thyroid hormone receptor to induce the transcriptional activity of the human immunodeficiency virus type 1 long-terminal repeat. <i>Endocrine</i> , 1998 , 8, 169-75		14
84	Androgen suppresses PML protein expression in prostate cancer CWR22R cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 314, 69-75	3.4	14
83	Androgen receptor mitigates postoperative disease progression of hepatocellular carcinoma by suppressing CD90+ populations and cell migration and by promoting anoikis in circulating tumor cells. <i>Oncotarget</i> , 2016 , 7, 46448-46465	3.3	14
82	The miR-361-3p increases enzalutamide (Enz) sensitivity via targeting the ARv7 and MKNK2 to better suppress the Enz-resistant prostate cancer. <i>Cell Death and Disease</i> , 2020 , 11, 807	9.8	14
81	Targeting the androgen receptor (AR) with AR degradation enhancer ASC-J9 \square led to increase docetaxel sensitivity via suppressing the p21 expression. <i>Cancer Letters</i> , 2019 , 444, 35-44	9.9	14
80	Androgen dihydrotestosterone (DHT) promotes the bladder cancer nuclear AR-negative cell invasion via a newly identified membrane androgen receptor (mAR-SLC39A9)-mediated G β protein/MAPK/MMP9 intracellular signaling. <i>Oncogene</i> , 2020 , 39, 574-586	9.2	14
79	Targeting newly identified ER β /TGF- β /SMAD3 signals with the FDA-approved anti-estrogen Faslodex or an ER β -selective antagonist in renal cell carcinoma. <i>Molecular Oncology</i> , 2018 , 12, 2055-2071	7.9	14
78	Thyroid hormone direct repeat 4 response element is a positive regulatory element for the human TR2 orphan receptor, a member of steroid receptor superfamily. <i>Molecular and Cellular Biochemistry</i> , 1998 , 189, 195-200	4.2	13
77	Abnormal cerebellar cytoarchitecture and impaired inhibitory signaling in adult mice lacking TR4 orphan nuclear receptor. <i>Brain Research</i> , 2007 , 1168, 72-82	3.7	13
76	Modulation of the retinoic acid-induced cell apoptosis and differentiation by the human TR4 orphan nuclear receptor. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 323, 876-83	3.4	13
75	Quercetin cumulatively enhances copper induction of metallothionein in intestinal cells. <i>Biological Trace Element Research</i> , 2001 , 84, 1-10	4.5	13
74	Identification of the histamine H1 receptor gene as a differentially repressed target of the human TR2 orphan receptor. <i>Molecular and Cellular Biochemistry</i> , 1999 , 194, 199-207	4.2	13

73	Androgen receptor regulates ASS1P3/miR-34a-5p/ASS1 signaling to promote renal cell carcinoma cell growth. <i>Cell Death and Disease</i> , 2019 , 10, 339	9.8	12
72	The MAO inhibitors phenelzine and clorgyline revert enzalutamide resistance in castration resistant prostate cancer. <i>Nature Communications</i> , 2020 , 11, 2689	17.4	12
71	Infiltrating T Cells Promote Bladder Cancer Progression via Increasing IL1-Androgen Receptor-HIF1 α /VEGF α Signals. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 1943-1951	6.1	12
70	ASC-J9 α increases the bladder cancer chemotherapy efficacy via altering the androgen receptor (AR) and NF-B survival signals. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 275	12.8	12
69	Transactivation of the proximal promoter of human oxytocin gene by TR4 orphan receptor. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 351, 204-8	3.4	12
68	Induction of TR4 orphan receptor by retinoic acid in human HaCaT keratinocytes. <i>Journal of Investigative Dermatology</i> , 1999 , 112, 426-31	4.3	12
67	TR4 nuclear receptor enhances prostate cancer initiation via altering the stem cell population and EMT signals in the PPAR γ -deleted prostate cells. <i>Oncoscience</i> , 2015 , 2, 142-50	0.8	12
66	Targeting the TR4 nuclear receptor-mediated lncTASR/AXL signaling with tretinoin increases the sunitinib sensitivity to better suppress the RCC progression. <i>Oncogene</i> , 2020 , 39, 530-545	9.2	12
65	TNF signaling mediates an enzalutamide-induced metastatic phenotype of prostate cancer and microenvironment cell co-cultures. <i>Oncotarget</i> , 2015 , 6, 25726-40	3.3	11
64	Androgen receptor promotes the migration and invasion of upper urinary tract urothelial carcinoma cells through the upregulation of MMP-9 and COX-2. <i>Oncology Reports</i> , 2013 , 30, 979-85	3.5	11
63	Testicular nuclear receptor 4 (TR4) regulates UV light-induced responses via Cockayne syndrome B protein-mediated transcription-coupled DNA repair. <i>Journal of Biological Chemistry</i> , 2011 , 286, 38103-38108	5.1	11
62	Identification of the human aldolase A gene as the first induced target for the TR2 orphan receptor, a member of the steroid hormone receptor superfamily. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 235, 205-11	3.4	11
61	The second largest subunit of RNA polymerase II interacts with and enhances transactivation of androgen receptor. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 302, 162-9	3.4	11
60	Identification of steroid derivatives that function as potent antiandrogens. <i>International Journal of Cancer</i> , 2005 , 117, 866-72	7.5	11
59	Does androgen deprivation improve treatment outcomes in patients with low-risk and intermediate-risk prostate cancer?. <i>Nature Clinical Practice Oncology</i> , 2005 , 2, 236-7		11
58	Recent advances in the study of testicular nuclear receptor 4. <i>Journal of Zhejiang University: Science B</i> , 2013 , 14, 171-7	4.5	10
57	Testicular orphan nuclear receptor 4 is associated with the radio-sensitivity of prostate cancer. <i>Prostate</i> , 2015 , 75, 1632-42	4.2	10
56	TR4 Nuclear Receptor Different Roles in Prostate Cancer Progression. <i>Frontiers in Endocrinology</i> , 2015 , 6, 78	5.7	10

55	The wedelolactone derivative inhibits estrogen receptor-mediated breast, endometrial, and ovarian cancer cells growth. <i>BioMed Research International</i> , 2014 , 2014, 713263	3	10
54	TR4 nuclear receptor enhances the cisplatin chemo-sensitivity via altering the ATF3 expression to better suppress HCC cell growth. <i>Oncotarget</i> , 2016 , 7, 32088-99	3.3	10
53	Androgen receptor decreases renal cell carcinoma bone metastases via suppressing the osteolytic formation through altering a novel circEXOC7 regulatory axis. <i>Clinical and Translational Medicine</i> , 2021 , 11, e353	5.7	10
52	Androgen receptor decreases the cytotoxic effects of chemotherapeutic drugs in upper urinary tract urothelial carcinoma cells. <i>Oncology Letters</i> , 2013 , 5, 1325-1330	2.6	9
51	The roles of testicular nuclear receptor 4 (TR4) in male fertility-priapism and sexual behavior defects in TR4 knockout mice. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 138	5	9
50	The genomic structure and chromosomal location of the human TR2 orphan receptor, a member of the steroid receptor superfamily. <i>Endocrine</i> , 1998 , 8, 123-34		9
49	Stage dependent and androgen inductive expression of orphan receptor TR4 in rat testis. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 341, 464-9	3.4	9
48	Induction and repression of peroxisome proliferator-activated receptor alpha transcription by coregulator ARA70. <i>Endocrine</i> , 2003 , 21, 139-46		9
47	Androgen receptor promotes renal cell carcinoma (RCC) vasculogenic mimicry (VM) via altering TWIST1 nonsense-mediated decay through lncRNA-TANAR. <i>Oncogene</i> , 2021 , 40, 1674-1689	9.2	9
46	The Differential Effects of Anti-Diabetic Thiazolidinedione on Prostate Cancer Progression Are Linked to the TR4 Nuclear Receptor Expression Status. <i>Neoplasia</i> , 2015 , 17, 339-47	6.4	8
45	Identification of an essential cis-acting element (TR2-PACE) in the 5' promoter of human TR2 orphan receptor gene. <i>Endocrine</i> , 2000 , 12, 89-97		8
44	Targeting the ER α /Angiopoietin-2/Tie-2 signaling-mediated angiogenesis with the FDA-approved anti-estrogen Faslodex to increase the Sunitinib sensitivity in RCC. <i>Cell Death and Disease</i> , 2020 , 11, 367	9.8	7
43	CREB/GSK-3 β signaling pathway regulates the expression of TR4 orphan nuclear receptor gene. <i>Molecular and Cellular Endocrinology</i> , 2016 , 423, 22-9	4.4	7
42	Feedback regulation between orphan nuclear receptor TR2 and human papilloma virus type 16. <i>Journal of Biological Chemistry</i> , 2001 , 276, 27316-21	5.4	7
41	Isolation and characterization of the androgen receptor mutants with divergent transcriptional activity in response to hydroxyflutamide. <i>Endocrine</i> , 2000 , 12, 69-76		7
40	Targeting androgen receptor (AR) with antiandrogen Enzalutamide increases prostate cancer cell invasion yet decreases bladder cancer cell invasion via differentially altering the AR/circRNA-ARC1/miR-125b-2-3p or miR-4736/PPAR γ /MMP-9 signals. <i>Cell Death and Differentiation</i> , 2021 , 31, 1501-1515	12.7	7
39	Preclinical Study Using ABT263 to Increase Enzalutamide Sensitivity to Suppress Prostate Cancer Progression Via Targeting BCL2/ROS/USP26 Axis Through Altering ARv7 Protein Degradation. <i>Cancers</i> , 2020 , 12,	6.6	7
38	Olaparib and enzalutamide synergistically suppress HCC progression via the AR-mediated miR-146a-5p/BRCA1 signaling. <i>FASEB Journal</i> , 2020 , 34, 5877-5891	0.9	6

37	TR4 promotes fatty acid synthesis in 3T3-L1 adipocytes by activation of pyruvate carboxylase expression. <i>FEBS Letters</i> , 2014 , 588, 3947-53	3.8	6
36	Androgen and androgen receptor signals jamming monocyte/macrophage functions in premalignant phase of livers. <i>BioMedicine (Taiwan)</i> , 2012 , 2, 155-159	1.1	6
35	Targeting the radiation-induced TR4 nuclear receptor-mediated QKI/circZEB1/miR-141-3p/ZEB1 signaling increases prostate cancer radiosensitivity. <i>Cancer Letters</i> , 2020 , 495, 100-111	9.9	6
34	Targeting AR-Beclin 1 complex-modulated growth factor signaling increases the antiandrogen Enzalutamide sensitivity to better suppress the castration-resistant prostate cancer growth. <i>Cancer Letters</i> , 2019 , 442, 483-490	9.9	6
33	Proteomic analysis of urethral protein expression in an estrogen receptor β -deficient murine model of stress urinary incontinence. <i>World Journal of Urology</i> , 2015 , 33, 1635-43	4	5
32	Tissue-specific knockout of androgen receptor in mice. <i>Methods in Molecular Biology</i> , 2011 , 776, 275-93	1.4	5
31	Induction of an intronic enhancer of the human ciliary neurotrophic factor receptor (CNTFRalpha) gene by the TR3 orphan receptor. <i>Endocrine</i> , 1998 , 9, 27-32		5
30	New therapy with ASC-J9 \square to suppress the prostatitis via altering the cytokine CCL2 signals. <i>Oncotarget</i> , 2016 , 7, 66769-66775	3.3	5
29	ASC-J9 \square suppresses prostate cancer cell proliferation and invasion via altering the ATF3-PTK2 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 3	12.8	4
28	Targeting the Lnc-OPHN1-5/androgen receptor/hnRNPA1 complex increases Enzalutamide sensitivity to better suppress prostate cancer progression. <i>Cell Death and Disease</i> , 2021 , 12, 855	9.8	4
27	Targeting TR4 nuclear receptor with antagonist bexarotene increases docetaxel sensitivity to better suppress the metastatic castration-resistant prostate cancer progression. <i>Oncogene</i> , 2020 , 39, 1891-1903	9.2	3
26	Preclinical studies using cisplatin/carboplatin to restore the Enzalutamide sensitivity via degrading the androgen receptor splicing variant 7 (ARv7) to further suppress Enzalutamide resistant prostate cancer. <i>Cell Death and Disease</i> , 2020 , 11, 942	9.8	3
25	Urethral dysfunction in female mice with estrogen receptor β -deficiency. <i>PLoS ONE</i> , 2014 , 9, e109058	3.7	2
24	Differential and bi-directional regulation between TR2/TR4 orphan nuclear receptors and a specific ligand mediated-peroxisome proliferator-activated receptor alpha in human HaCaT keratinocytes. <i>Journal of Dermatological Science</i> , 2003 , 31, 65-71	4.3	2
23	Androgen receptor modulates metastatic routes of VHL wild-type clear cell renal cell carcinoma in an oxygen-dependent manner. <i>Oncogene</i> , 2020 , 39, 6677-6691	9.2	2
22	Sunitinib increases the cancer stem cells and vasculogenic mimicry formation via modulating the lncRNA-ECVSR/ER α /Hif2- β signaling. <i>Cancer Letters</i> , 2022 , 524, 15-28	9.9	2
21	Differential Roles of Androgen Receptor in Prostate Development and Cancer Progression 2009 , 73-89		2
20	Anabolic androgens affect the competitive interactions in cell migration and adhesion between normal mouse urothelial cells and urothelial carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 322-7	3.4	1

19	Physiological Functions of TR2 and TR4 Orphan Nuclear Receptor 2010 , 327-343		1
18	Androgen effects on the solubility and conformational change of the androgen receptor in baculovirus expression system. <i>Molecular and Cellular Biochemistry</i> , 1999 , 195, 19-23	4.2	1
17	Monoclonal anti-androgen receptor antibodies: production, characterization and potential diagnostic applications. <i>Molecular and Cellular Biochemistry</i> , 1999 , 201, 131-40	4.2	1
16	The roles of testicular orphan nuclear receptor 4 (TR4) in cerebellar development. <i>Cerebellum</i> , 2008 , 7, 1-9	4.3	1
15	Androgen Receptor in Prostate Cancer Progression 2008 , 129-146		1
14	Suppressing BCL-XL increased the high dose androgens therapeutic effect to better induce the Enzalutamide-resistant prostate cancer autophagic cell death. <i>Cell Death and Disease</i> , 2021 , 12, 68	9.8	1
13	R-2HG downregulates ER α to inhibit cholangiocarcinoma via the FTO/m6A-methylated ER α /miR16-5p/YAP1 signal pathway. <i>Molecular Therapy - Oncolytics</i> , 2021 , 23, 65-81	6.4	1
12	High-dose-androgen-induced autophagic cell death to suppress the Enzalutamide-resistant prostate cancer growth via altering the circRNA-BCL2/miRNA-198/AMBRA1 signaling.. <i>Cell Death Discovery</i> , 2022 , 8, 128	6.9	1
11	Preclinical studies show using enzalutamide is less effective in docetaxel-pretreated than in docetaxel-naïve prostate cancer cells. <i>Aging</i> , 2020 , 12, 17694-17712	5.6	0
10	Reply by the authors. <i>Urology</i> , 2014 , 84, 735	1.6	
9	Actin monomer enhances supervillin-modulated androgen receptor transactivation. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 393-393	3.4	
8	HORMONAL THERAPY FOR PROSTATE CANCER: CLINICAL AND EXPERIMENTAL EVIDENCE 2005 , 1-32		
7	Targeted activation of androgen receptor signaling in the periosteum improves bone fracture repair.. <i>Cell Death and Disease</i> , 2022 , 13, 123	9.8	
6	Androgen Receptor Interacting Proteins: Co-Activators And Co-Repressors 2002 , 91-138		
5	Interaction of Cell Cycle Regulatory Proteins with the Androgen Receptor 2002 , 223-238		
4	The Expanded Poly-Q Length Within AR and AR Coregulator AIB1 and Their Clinical Implications 2002 , 245-264		
3	IL1 Dual Roles of Androgen Receptor Challenge the Androgen Deprivation Therapy of Prostate Cancer(The 97th Annual Meeting of the Japanese Urological Association). <i>Japanese Journal of Urology</i> , 2009 , 100, 40		
2	Androgen Receptor-Regulated Genes in Prostate Cancer Initiation Versus Metastasis 2013 , 155-176		

1 A Festschrift in Honor of Edward M. Messing, MD, FACS. *Bladder Cancer*, **2018**, 4, S1-S43

1