Stephen Safe

List of Publications by Year in descending order

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183 papers	12,633 citations	18482 62 h-index	27406 106 g-index
224 all docs	224 docs citations	224 times ranked	12049 citing authors

#	Article	IF	Citations
1	Polychlorinated Biphenyls (PCBs), Dibenzo-p-Dioxins (PCDDs), Dibenzofurans (PCDFs), and Related Compounds: Environmental and Mechanistic Considerations Which Support the Development of Toxic Equivalency Factors (TEFs). Critical Reviews in Toxicology, 1990, 21, 51-88.	3.9	1,702
2	Polychlorinated Biphenyls (PCBs) and Polybrominated Biphenyls (PBBs): Biochemistry, Toxicology, and Mechanism of Action. CRC Critical Reviews in Toxicology, 1984, 13, 319-395.	4.9	714
3	Inhibitory Aryl Hydrocarbon Receptorâ^'Estrogen Receptor Î± Cross-Talk and Mechanisms of Action. Chemical Research in Toxicology, 2003, 16, 807-816.	3.3	305
4	Non-classical genomic estrogen receptor (ER)/specificity protein and ER/activating protein-1 signaling pathways. Journal of Molecular Endocrinology, 2008, 41, 263-275.	2.5	278
5	Betulinic Acid Inhibits Prostate Cancer Growth through Inhibition of Specificity Protein Transcription Factors. Cancer Research, 2007, 67, 2816-2823.	0.9	275
6	Microbiome-Derived Tryptophan Metabolites and Their Aryl Hydrocarbon Receptor-Dependent Agonist and Antagonist Activities. Molecular Pharmacology, 2014, 85, 777-788.	2.3	254
7	Cancer chemotherapy with indole-3-carbinol, bis(3â€²-indolyl)methane and synthetic analogs. Cancer Letters, 2008, 269, 326-338.	7.2	237
8	Role of the Aryl Hydrocarbon Receptor in Carcinogenesis and Potential as a Drug Target. Toxicological Sciences, 2013, 135, 1-16.	3.1	230
9	Estrogen-Induced c-fos Protooncogene Expression in MCF-7 Human Breast Cancer Cells: Role of Estrogen Receptor Sp1 Complex Formation*. Endocrinology, 1998, 139, 1981-1990.	2.8	171
10	Inhibition of NFÎºB and Pancreatic Cancer Cell and Tumor Growth by Curcumin Is Dependent on Specificity Protein Down-regulation. Journal of Biological Chemistry, 2010, 285, 25332-25344.	3.4	165
11	Nur77 Agonists Induce Proapoptotic Genes and Responses in Colon Cancer Cells through Nuclear Receptorâ€“Dependent and Nuclear Receptorâ€“Independent Pathways. Cancer Research, 2007, 67, 674-683.	0.9	160
12	Nuclear receptor 4A (NR4A) family â€“ orphans no more. Journal of Steroid Biochemistry and Molecular Biology, 2016, 157, 48-60.	2.5	149
13	Mechanisms of inhibitory aryl hydrocarbon receptor-estrogen receptor crosstalk in human breast cancer cells. Journal of Mammary Gland Biology and Neoplasia, 2000, 5, 295-306.	2.7	147
14	Activation of Nur77 by Selected 1,1-Bis(3â€²-indolyl)-1-(p-substituted phenyl)methanes Induces Apoptosis through Nuclear Pathways. Journal of Biological Chemistry, 2005, 280, 24903-24914.	3.4	145
15	Curcumin and synthetic analogs induce reactive oxygen species and decreases specificity protein (Sp) transcription factors by targeting microRNAs. BMC Cancer, 2012, 12, 564.	2.6	145
16	Inactivation of the Orphan Nuclear Receptor TR3/Nur77 Inhibits Pancreatic Cancer Cell and Tumor Growth. Cancer Research, 2010, 70, 6824-6836.	0.9	139
17	Betulinic acid inhibits colon cancer cell and tumor growth and induces proteasome-dependent and -independent downregulation of specificity proteins (Sp) transcription factors. BMC Cancer, 2011, 11, 371.	2.6	139
18	Endocrine disruptors and human health: is there a problem. Toxicology, 2004, 205, 3-10.	4.2	137

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19	Identification of a Motif within the 5â€˜ Regulatory Region of pS2 Which Is Responsible for AP-1 Binding and TCDD-Mediated Suppressionâ€. Biochemistry, 1997, 36, 6080-6089.	2.5	135
20	The long non-coding RNA HOTTIP enhances pancreatic cancer cell proliferation, survival and migration. Oncotarget, 2015, 6, 10840-10852.	1.8	134
21	Nuclear Receptor-Mediated Transactivation Through Interaction with Sp Proteins. Progress in Molecular Biology and Translational Science, 2004, 77, 1-36.	1.9	128
22	Minireview: Role Of Orphan Nuclear Receptors in Cancer and Potential as Drug Targets. Molecular Endocrinology, 2014, 28, 157-172.	3.7	128
23	Oncogenic microRNAâ€27a is a target for anticancer agent methyl 2â€cyanoâ€3,11â€dioxoâ€18Î²â€oleanâ€1,12â€dienâ€30â€oate in colon cancer cells. International Journal of Cancer, 2009, 125, 1965-1974.	5.1	125
24	Increased arylhydrocarbon receptor expression offers a potential therapeutic target for pancreatic cancer. Oncogene, 2002, 21, 6059-6070.	5.9	123
25	Role of the aryl hydrocarbon receptor in carcinogenesis and potential as an anti-cancer drug target. Archives of Toxicology, 2017, 91, 2497-2513.	4.2	123
26	Polychlorinated biphenyls: Correlation between in vivo and in vitro quantitative structureâ€activity relationships (QSARs). Journal of Toxicology and Environmental Health - Part A: Current Issues, 1985, 16, 379-388.	2.3	122
27	The aryl hydrocarbon receptor ligand omeprazole inhibits breast cancer cell invasion and metastasis. BMC Cancer, 2014, 14, 498.	2.6	118
28	Mechanism of Metformin-dependent Inhibition of Mammalian Target of Rapamycin (mTOR) and Ras Activity in Pancreatic Cancer. Journal of Biological Chemistry, 2014, 289, 27692-27701.	3.4	111
29	GT-094, a NO-NSAID, Inhibits Colon Cancer Cell Growth by Activation of a Reactive Oxygen Species-MicroRNA-27a: ZBTB10-Specificity Protein Pathway. Molecular Cancer Research, 2011, 9, 195-202.	3.4	108
30	Short Chain Fatty Acids Enhance Aryl Hydrocarbon (Ah) Responsiveness in Mouse Colonocytes and Caco-2 Human Colon Cancer Cells. Scientific Reports, 2017, 7, 10163.	3.3	103
31	Mechanism of Action of Phenethylisothiocyanate and Other Reactive Oxygen Species-Inducing Anticancer Agents. Molecular and Cellular Biology, 2014, 34, 2382-2395.	2.3	100
32	Crosstalk between estrogen receptor Î± and the aryl hydrocarbon receptor in breast cancer cells involves unidirectional activation of proteasomes. FEBS Letters, 2000, 478, 109-112.	2.8	98
33	Structure-dependent inhibition of bladder and pancreatic cancer cell growth by 2-substituted glycyrrhetinic and ursolic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2633-2639.	2.2	96
34	1,1-Bis(3â€²-indolyl)-1-(p-chlorophenyl)methane activates the orphan nuclear receptor Nurr1 and inhibits bladder cancer growth. Molecular Cancer Therapeutics, 2008, 7, 3825-3833.	4.1	95
35	Drugs that Target Specificity Proteins Downregulate Epidermal Growth Factor Receptor in Bladder Cancer Cells. Molecular Cancer Research, 2010, 8, 739-750.	3.4	95
36	Targeting NR4A1 (TR3) in cancer cells and tumors. Expert Opinion on Therapeutic Targets, 2011, 15, 195-206.	3.4	94

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37	Clinical correlates of environmental endocrine disruptors. Trends in Endocrinology and Metabolism, 2005, 16, 139-144.	7.1	93
38	Inhibition of Bladder Tumor Growth by 1,1-Bis(3â€²-Indolyl)-1-(p-Substitutedphenyl)Methanes: A New Class of Peroxisome Proliferator-Activated Receptor Î³ Agonists. Cancer Research, 2006, 66, 412-418.	0.9	93
39	Methyl 2-Cyano-3,12-dioxooleana-1,9-dien-28-oate Decreases Specificity Protein Transcription Factors and Inhibits Pancreatic Tumor Growth: Role of MicroRNA-27a. Molecular Pharmacology, 2010, 78, 226-236.	2.3	92
40	Transcription factor Sp1, also known as specificity protein 1 as a therapeutic target. Expert Opinion on Therapeutic Targets, 2014, 18, 759-769.	3.4	89
41	Limitations of the toxic equivalency factor approach for risk assessment of TCDD and related compounds. Teratogenesis, Carcinogenesis, and Mutagenesis, 1997, 17, 285-304.	0.8	87
42	The Orphan Nuclear Receptor NR4A1 (Nur77) Regulates Oxidative and Endoplasmic Reticulum Stress in Pancreatic Cancer Cells. Molecular Cancer Research, 2014, 12, 527-538.	3.4	87
43	Aryl Hydrocarbon Receptor Agonists Induce MicroRNA-335 Expression and Inhibit Lung Metastasis of Estrogen Receptor Negative Breast Cancer Cells. Molecular Cancer Therapeutics, 2012, 11, 108-118.	4.1	85
44	Specificity protein (Sp) transcription factors Sp1, Sp3 and Sp4 are non-oncogene addiction genes in cancer cells. Oncotarget, 2016, 7, 22245-22256.	1.8	85
45	Specificity Protein Transcription Factors and Cancer: Opportunities for Drug Development. Cancer Prevention Research, 2018, 11, 371-382.	1.5	84
46	Structure-Dependent Modulation of Aryl Hydrocarbon Receptor-Mediated Activities by Flavonoids. Toxicological Sciences, 2018, 164, 205-217.	3.1	82
47	Estrogen and aryl hydrocarbon receptor expression and crosstalk in human Ishikawa endometrial cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2000, 72, 197-207.	2.5	80
48	Betulinic Acid Targets YY1 and ErbB2 through Cannabinoid Receptor-Dependent Disruption of MicroRNA-27a:ZBTB10 in Breast Cancer. Molecular Cancer Therapeutics, 2012, 11, 1421-1431.	4.1	79
49	Diindolylmethane Analogs Bind NR4A1 and Are NR4A1 Antagonists in Colon Cancer Cells. Molecular Endocrinology, 2014, 28, 1729-1739.	3.7	79
50	The aryl hydrocarbon receptor as a target for estrogen receptor-negative breast cancer chemotherapy. Endocrine-Related Cancer, 2009, 16, 835-844.	3.1	77
51	Arsenic trioxide downregulates specificity protein (Sp) transcription factors and inhibits bladder cancer cell and tumor growth. Experimental Cell Research, 2010, 316, 2174-2188.	2.6	77
52	Aryl Hydrocarbon Receptor (AHR)-Active Pharmaceuticals Are Selective AHR Modulators in MDA-MB-468 and BT474 Breast Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 333-341.	2.5	77
53	Characterization and Biological Potency of Mono- to Tetra-Halogenated Carbazoles. Environmental Science & Technology, 2015, 49, 10658-10666.	10.0	77
54	Aryl Hydrocarbon Receptor Activity of Tryptophan Metabolites in Young Adult Mouse Colonocytes. Drug Metabolism and Disposition, 2015, 43, 1536-1543.	3.3	76

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55	Estrogen Induces Adenosine Deaminase Gene Expression in MCF-7 Human Breast Cancer Cells: Role of Estrogen Receptor-Sp1 Interactions**This work was supported by the National Institutes of Health (Grant CA-76636), the Welch Foundation, and the Texas Agricultural Experiment Station.. Endocrinology, 1999, 140, 219-227.	2.8	75
56	Aryl hydrocarbon receptor-mediated inhibition of LNCaP prostate cancer cell growth and hormone-induced transactivation. Journal of Steroid Biochemistry and Molecular Biology, 2004, 88, 27-36.	2.5	75
57	Natural Products as Mechanismâ€based Anticancer Agents: Sp Transcription Factors as Targets. Phytotherapy Research, 2016, 30, 1723-1732.	5.8	75
58	A bioassay to measure energy metabolism in mouse colonic crypts, organoids, and sorted stem cells. American Journal of Physiology - Renal Physiology, 2015, 309, G1-G9.	3.4	72
59	The aryl hydrocarbon receptor (AhR) as a drug target for cancer chemotherapy. Current Opinion in Toxicology, 2017, 2, 24-29.	5.0	72
60	Aryl Hydrocarbon Receptor (AHR) Ligands as Selective AHR Modulators (SAhRMs). International Journal of Molecular Sciences, 2020, 21, 6654.	4.1	69
61	Structure-dependent activation of NR4A2 (Nurr1) by 1,1-bis(3â€²-indolyl)-1-(aromatic)methane analogs in pancreatic cancer cells. Biochemical Pharmacology, 2012, 83, 1445-1455.	4.4	66
62	3',4'-Dimethoxyflavone as an Aryl Hydrocarbon Receptor Antagonist in Human Breast Cancer Cells. Toxicological Sciences, 2000, 58, 235-242.	3.1	65
63	Differential Interaction of the Methoxychlor Metabolite 2,2-Bis-(p-Hydroxyphenyl)-1,1,1-Trichloroethane with Estrogen Receptors Â and Â. Endocrinology, 1999, 140, 5746-5753.	2.8	63
64	Aryl hydrocarbon receptor agonists directly activate estrogen receptor Î± in MCF-7 breast cancer cells. Biological Chemistry, 2006, 387, 1209-13.	2.5	62
65	The Nurr1 Activator 1,1-Bis(3â€²-Indolyl)-1-(p-Chlorophenyl)Methane Blocks Inflammatory Gene Expression in BV-2 Microglial Cells by Inhibiting Nuclear Factor Î²B. Molecular Pharmacology, 2015, 87, 1021-1034.	2.3	62
66	miR-150 regulates obesity-associated insulin resistance by controlling B cell functions. Scientific Reports, 2016, 6, 20176.	3.3	61
67	Development of selective aryl hydrocarbon receptor modulators for treatment of breast cancer. Expert Opinion on Investigational Drugs, 1999, 8, 1385-1396.	4.1	59
68	Omeprazole Inhibits Pancreatic Cancer Cell Invasion through a Nongenomic Aryl Hydrocarbon Receptor Pathway. Chemical Research in Toxicology, 2015, 28, 907-918.	3.3	59
69	Piperlongumine Induces Reactive Oxygen Species (ROS)-Dependent Downregulation of Specificity Protein Transcription Factors. Cancer Prevention Research, 2017, 10, 467-477.	1.5	59
70	Celastrol decreases specificity proteins (Sp) and fibroblast growth factor receptor-3 (FGFR3) in bladder cancer cells. Carcinogenesis, 2012, 33, 886-894.	2.8	57
71	Protective Effects of Ghrelin on Fasting-Induced Muscle Atrophy in Aging Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 621-630.	3.6	56
72	A new class of peroxisome proliferator-activated receptor gamma (PPARgamma) agonists that inhibit growth of breast cancer cells: 1,1-Bis(3'-indolyl)-1-(p-substituted phenyl)methanes. Molecular Cancer Therapeutics, 2004, 3, 247-60.	4.1	55

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73	Histone Deacetylase Inhibitors Inhibit Rhabdomyosarcoma by Reactive Oxygen Speciesâ€“Dependent Targeting of Specificity Protein Transcription Factors. Molecular Cancer Therapeutics, 2015, 14, 2143-2153.	4.1	53
74	The Paradoxical Roles of Orphan Nuclear Receptor 4A (NR4A) in Cancer. Molecular Cancer Research, 2021, 19, 180-191.	3.4	52
75	Polychlorinated dibenzoâ€pâ€dioxins and related compounds: Sources, environmental distribution and risk assessment. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 1991, 9, 261-302.	2.9	51
76	Nuclear Receptor 4A1 (NR4A1) as a Drug Target for Renal Cell Adenocarcinoma. PLoS ONE, 2015, 10, e0128308.	2.5	51
77	Nuclear receptor 4A1 as a drug target for breast cancer chemotherapy. Endocrine-Related Cancer, 2015, 22, 831-840.	3.1	51
78	Metformin-induced anticancer activities: recent insights. Biological Chemistry, 2018, 399, 321-335.	2.5	51
79	NR4A1 Antagonists Inhibit Î²1-Integrin-Dependent Breast Cancer Cell Migration. Molecular and Cellular Biology, 2016, 36, 1383-1394.	2.3	49
80	Neuroprotective Efficacy and Pharmacokinetic Behavior of Novel Anti-InflammatoryPara-Phenyl Substituted Diindolylmethanes in a Mouse Model of Parkinsonâ€™s Disease. Journal of Pharmacology and Experimental Therapeutics, 2013, 345, 125-138.	2.5	48
81	Estrogen-Induced c-fos Protooncogene Expression in MCF-7 Human Breast Cancer Cells: Role of Estrogen Receptor Sp1 Complex Formation. Endocrinology, 1998, 139, 1981-1990.	2.8	47
82	Transforming Growth Factor Î²/NR4A1-Inducible Breast Cancer Cell Migration and Epithelial-to-Mesenchymal Transition Is p38Î± (Mitogen-Activated Protein Kinase 14) Dependent. Molecular and Cellular Biology, 2017, 37, .	2.3	45
83	Penfluridol Represses Integrin Expression in Breast Cancer through Induction of Reactive Oxygen Species and Downregulation of Sp Transcription Factors. Molecular Cancer Therapeutics, 2017, 16, 205-216.	4.1	45
84	Pharmacological Activators of the NR4A Nuclear Receptors Enhance LTP in a CREB/CBP-Dependent Manner. Neuropsychopharmacology, 2017, 42, 1243-1253.	5.4	45
85	The selective aryl hydrocarbon receptor modulator 6-methyl-1,3,8-trichlorodibenzofuran inhibits prostate tumor metastasis in TRAMP mice. Biochemical Pharmacology, 2009, 77, 1151-1160.	4.4	44
86	Benzyl Isothiocyanate (BITC) Induces Reactive Oxygen Species-dependent Repression of STAT3 Protein by Down-regulation of Specificity Proteins in Pancreatic Cancer. Journal of Biological Chemistry, 2016, 291, 27122-27133.	3.4	44
87	Flavonoids: structureâ€“function and mechanisms of action and opportunities for drug development. Toxicological Research, 2021, 37, 147-162.	2.1	44
88	Novel Para-Phenyl Substituted Diindolylmethanes Protect Against MPTP Neurotoxicity and Suppress Glial Activation in a Mouse Model of Parkinsonâ€™s Disease. Toxicological Sciences, 2015, 143, 360-373.	3.1	43
89	Aryl hydrocarbon receptor (AhR) ligands as selective AhR modulators: Genomic studies. Current Opinion in Toxicology, 2018, 11-12, 10-20.	5.0	43
90	Editorâ€™s Highlight: Microbial-Derived 1,4-Dihydroxy-2-naphthoic Acid and Related Compounds as Aryl Hydrocarbon Receptor Agonists/Antagonists: Structureâ€“Activity Relationships and Receptor Modeling. Toxicological Sciences, 2017, 155, 458-473.	3.1	40

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91	Compensatory Expression of Nur77 and Nurr1 Regulates NF-Î²Bâ€“Dependent Inflammatory Signaling in Astrocytes. Molecular Pharmacology, 2018, 94, 1174-1186.	2.3	40
92	Transcriptional Activation of Insulin-Like Growth Factor-Binding Protein-4 by 17Â-Estradiol in MCF-7 Cells: Role of Estrogen Receptor-Sp1 Complexes. Endocrinology, 1999, 140, 2501-2508.	2.8	38
93	Estrogen and aryl hydrocarbon responsiveness of ECC-1 endometrial cancer cells. Molecular and Cellular Endocrinology, 1999, 150, 11-21.	3.2	36
94	The Transcriptional Repressor ZBTB4 Regulates EZH2 Through a MicroRNA-ZBTB4-Specificity Protein Signaling Axis. Neoplasia, 2014, 16, 1059-1069.	5.3	36
95	A novel synthetic activator of Nurr1 induces dopaminergic gene expression and protects against 6-hydroxydopamine neurotoxicity in vitro. Neuroscience Letters, 2015, 607, 83-89.	2.1	36
96	Role of metastasis-associated lung adenocarcinoma transcript-1 (MALAT-1) in pancreatic cancer. PLoS ONE, 2018, 13, e0192264.	2.5	36
97	Inhibition of pituitary tumorâ€transforming geneâ€1 in thyroid cancer cells by drugs that decrease specificity proteins. Molecular Carcinogenesis, 2011, 50, 655-667.	2.7	35
98	Inhibition of rhabdomyosarcoma cell and tumor growth by targeting specificity protein (Sp) transcription factors. International Journal of Cancer, 2013, 132, 795-806.	5.1	35
99	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	35
100	The Nurr1 Ligand,1,1-bis(3â€²-Indolyl)-1-(p-Chlorophenyl)Methane, Modulates Glial Reactivity and Is Neuroprotective in MPTP-Induced Parkinsonism. Journal of Pharmacology and Experimental Therapeutics, 2018, 365, 636-651.	2.5	34
101	The aryl hydrocarbon receptor is a tumor suppressorâ€“like gene in glioblastoma. Journal of Biological Chemistry, 2019, 294, 11342-11353.	3.4	33
102	Mechanism of action and development of selective aryl hydrocarbon receptor modulators for treatment of hormone-dependent cancers (Review). International Journal of Oncology, 2002, 20, 1123-8.	3.3	32
103	Dietary Î³-Tocopherolâ€“Rich Mixture Inhibits Estrogen-Induced Mammary Tumorigenesis by Modulating Estrogen Metabolism, Antioxidant Response, and PPARÎ³. Cancer Prevention Research, 2015, 8, 807-816.	1.5	30
104	Strong adsorption of Polychlorinated Biphenyls by processed montmorillonite clays: Potential applications as toxin enterosorbents during disasters and floods. Environmental Pollution, 2019, 255, 113210.	7.5	30
105	Ultra-flexible nanocarriers for enhanced topical delivery of a highly lipophilic antioxidative molecule for skin cancer chemoprevention. Colloids and Surfaces B: Biointerfaces, 2016, 143, 156-167.	5.0	29
106	Sulindac sulfide inhibits colon cancer cell growth and downregulates specificity protein transcription factors. BMC Cancer, 2015, 15, 974.	2.6	27
107	TGFÎ²-Induced Lung Cancer Cell Migration Is NR4A1-Dependent. Molecular Cancer Research, 2018, 16, 1991-2002.	3.4	27
108	Specificity protein (Sp) transcription factors and metformin regulate expression of the long non-coding RNA HULC. Oncotarget, 2015, 6, 26359-26372.	1.8	27

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109	Loss of Aryl Hydrocarbon Receptor Promotes Colon Tumorigenesis in ApcS580/+; KrasG12D/+ Mice. Molecular Cancer Research, 2021, 19, 771-783.	3.4	26
110	Interferon Tau Alleviates Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance by Regulating Macrophage Polarization. PLoS ONE, 2014, 9, e98835.	2.5	26
111	CHARACTERIZATION OF A BOTTLENOSE DOLPHIN (TURSIOPS TRUNCATUS) KIDNEY EPITHELIAL CELL LINE. Marine Mammal Science, 1994, 10, 52-69.	1.8	25
112	Isoflavones as Ah Receptor Agonists in Colon-Derived Cell Lines: Structureâ€“Activity Relationships. Chemical Research in Toxicology, 2019, 32, 2353-2364.	3.3	25
113	A Bis-Indoleâ€“Derived NR4A1 Antagonist Induces PD-L1 Degradation and Enhances Antitumor Immunity. Cancer Research, 2020, 80, 1011-1023.	0.9	25
114	PAX3-FOXO1A Expression in Rhabdomyosarcoma Is Driven by the Targetable Nuclear Receptor NR4A1. Cancer Research, 2017, 77, 732-741.	0.9	24
115	Potent inhibition of breast cancer by bis-indole-derived nuclear receptor 4A1 (NR4A1) antagonists. Breast Cancer Research and Treatment, 2019, 177, 29-40.	2.5	24
116	Pharmacological activation of Nr4a rescues age-associated memory decline. Neurobiology of Aging, 2020, 85, 140-144.	3.1	24
117	Flavonoids kaempferol and quercetin are nuclear receptor 4A1 (NR4A1, Nur77) ligands and inhibit rhabdomyosarcoma cell and tumor growth. Journal of Experimental and Clinical Cancer Research, 2021, 40, 392.	8.6	24
118	Transcriptional activation of rat creatine kinase B by 17?-estradiol in MCF-7 cells involves an estrogen responsive element and GC-rich sites. Journal of Cellular Biochemistry, 2002, 84, 156-172.	2.6	23
119	Nuclear receptor 4A1 (NR4A1) as a drug target for treating rhabdomyosarcoma (RMS). Oncotarget, 2016, 7, 31257-31269.	1.8	23
120	Dietâ€“Hostâ€“Microbiota Interactions Shape Aryl Hydrocarbon Receptor Ligand Production to Modulate Intestinal Homeostasis. Annual Review of Nutrition, 2021, 41, 455-478.	10.1	23
121	Gas chromatographic/mass spectrometric analysis of specific isomers of polychlorodibenzofurans. Biological Mass Spectrometry, 1985, 12, 247-253.	0.5	22
122	Inactivation of the orphan nuclear receptor NR4A1 contributes to apoptosis induction by fangchinoline in pancreatic cancer cells. Toxicology and Applied Pharmacology, 2017, 332, 32-39.	2.8	22
123	Reactive Oxygen Species (ROS)-Inducing Triterpenoid Inhibits Rhabdomyosarcoma Cell and Tumor Growth through Targeting Sp Transcription Factors. Molecular Cancer Research, 2019, 17, 794-805.	3.4	22
124	Dual targeting of Nur77 and AMPKÎ± by isoalantolactone inhibits adipogenesis in vitro and decreases body fat mass in vivo. International Journal of Obesity, 2019, 43, 952-962.	3.4	22
125	MicroRNA-Specificity Protein (Sp) Transcription Factor Interactions and Significance in Carcinogenesis. Current Pharmacology Reports, 2015, 1, 73-78.	3.0	21
126	The role of xenoestrogenic compounds in the development of breast cancer. Trends in Pharmacological Sciences, 2006, 27, 447-454.	8.7	20

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127	High expression of orphan nuclear receptor NR4A1 in a subset of ovarian tumors with worse outcome. Gynecologic Oncology, 2016, 141, 348-356.	1.4	20
128	Orphan nuclear receptor 4A1 (NR4A1) and novel ligands. Essays in Biochemistry, 2021, 65, 877-886.	4.7	20
129	Endocrine disruptors and falling sperm counts: lessons learned or not!. Asian Journal of Andrology, 2013, 15, 191-194.	1.6	19
130	CDODA-Me decreases specificity protein transcription factors and induces apoptosis in bladder cancer cells through induction of reactive oxygen species. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 337.e11-337.e18.	1.6	18
131	The nuclear orphan receptor NR4A1 regulates Î²1â€integrin expression in pancreatic and colon cancer cells and can be targeted by NR4A1 antagonists. Molecular Carcinogenesis, 2017, 56, 2066-2075.	2.7	18
132	Nuclear receptor 4A2 (NR4A2) is a druggable target for glioblastomas. Journal of Neuro-Oncology, 2020, 146, 25-39.	2.9	18
133	Ah receptor ligands and their impacts on gut resilience: structureâ€“activity effects. Critical Reviews in Toxicology, 2020, 50, 463-473.	3.9	18
134	CF3DODA-Me induces apoptosis, degrades Sp1, and blocks the transformation phase of the blebbishield emergency program. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 719-729.	4.9	17
135	Suppression of aberrant choroidal neovascularization through activation of the aryl hydrocarbon receptor. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1583-1595.	3.8	17
136	Inhibition of pancreatic cancer Panc1 cell migration by omeprazole is dependent on aryl hydrocarbon receptor activation of JNK. Biochemical and Biophysical Research Communications, 2018, 501, 751-757.	2.1	17
137	Bis-Indoleâ€Derived NR4A1 Ligands and Metformin Exhibit NR4A1-Dependent Glucose Metabolism and Uptake in C2C12 Cells. Endocrinology, 2018, 159, 1950-1963.	2.8	17
138	2,3,7,8-Tetrachlorodibenzo- p -dioxin has both pro-carcinogenic and anti-carcinogenic effects on neuroendocrine prostate carcinoma formation in TRAMP mice. Toxicology and Applied Pharmacology, 2016, 305, 242-249.	2.8	16
139	Omeprazole Inhibits Glioblastoma Cell Invasion and Tumor Growth. Cancers, 2020, 12, 2097.	3.7	16
140	The Role of Self-Nanoemulsifying Drug Delivery Systems of CDODA-Me in Sensitizing Erlotinib-Resistant Nonâ€Small Cell Lung Cancer. Journal of Pharmaceutical Sciences, 2020, 109, 1867-1882.	3.3	16
141	Dopamine is an aryl hydrocarbon receptor agonist. Biochemical Journal, 2020, 477, 3899-3910.	3.7	16
142	Transcriptional Activation of Deoxyribonucleic Acid Polymerase Â Gene Expression in MCF-7 Cells by 17Â-Estradiol. Endocrinology, 2001, 142, 1000-1008.	2.8	16
143	Nuclear receptor 4A1 (NR4A1) antagonists induce ROS-dependent inhibition of mTOR signaling in endometrial cancer. Gynecologic Oncology, 2019, 154, 218-227.	1.4	15
144	NR4A1 Ligands as Potent Inhibitors of Breast Cancer Cell and Tumor Growth. Cancers, 2021, 13, 2682.	3.7	15

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145	Inhibition of NR4A1 Promotes ROS Accumulation and IL24-Dependent Growth Arrest in Rhabdomyosarcoma. Molecular Cancer Research, 2019, 17, 2221-2232.	3.4	14
146	Interleukin-24 (IL24) Is Suppressed by PAX3-FOXO1 and Is a Novel Therapy for Rhabdomyosarcoma. Molecular Cancer Therapeutics, 2018, 17, 2756-2766.	4.1	13
147	Structureâ€dependent activation of gene expression by bisâ€indole and quinolineâ€derived activators of nuclear receptor 4A2. Chemical Biology and Drug Design, 2019, 94, 1711-1720.	3.2	13
148	Bis-Indoleâ€“Derived Nuclear Receptor 4A1 (NR4A1, Nur77) Ligands as Inhibitors of Endometriosis. Endocrinology, 2020, 161, .	2.8	12
149	Gas chromatographic/mass spectrometric characteristics of purified synthetic isomers of tetrachlorodibenzofuran. Biomedical & Environmental Mass Spectrometry, 1987, 14, 457-464.	1.6	11
150	Bardoxolone Methyl and a Related Triterpenoid Downregulate cMyc Expression in Leukemia Cells. Molecular Pharmacology, 2017, 91, 438-450.	2.3	11
151	Bortezomib Targets Sp Transcription Factors in Cancer Cells. Molecular Pharmacology, 2018, 94, 1187-1196.	2.3	11
152	Citrus limonoids induce apoptosis and inhibit the proliferation of pancreatic cancer cells. Food and Function, 2021, 12, 1111-1120.	4.6	11
153	Cigarette Smoking and Estrogen-Related Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1462-1471.	2.5	11
154	Activation of COUP-TFI by a Novel Diindolylmethane Derivative. Cells, 2019, 8, 220.	4.1	10
155	Role of the Aryl Hydrocarbon Receptor (AhR) in Mediating the Effects of Coffee in the Colon. Molecular Nutrition and Food Research, 2021, 65, e2100539.	3.3	10
156	A novel diindolylmethane analog, 1,1-bis(3â€™-indolyl)-1-(p-chlorophenyl) methane, inhibits the tumor necrosis factor-induced inflammatory response in primary murine synovial fibroblasts through a Nurr1-dependent mechanism. Molecular Immunology, 2018, 101, 46-54.	2.2	9
157	Transcriptional Activation of Thymidylate Synthase by 17Â-Estradiol in MCF-7 Human Breast Cancer Cells. Endocrinology, 2000, 141, 2439-2449.	2.8	9
158	Isolation and characterization of variant benzo[a]pyrene-resistant T47D human breast-cancer cells. , 1996, 66, 117-123.		8
159	Carbidopa: a selective Ah receptor modulator (SAhRM). Biochemical Journal, 2017, 474, 3763-3765.	3.7	8
160	Lipid-based oral delivery systems for skin deposition of a potential chemopreventive DIM derivative: characterization and evaluation. Drug Delivery and Translational Research, 2016, 6, 526-539.	5.8	7
161	Autophagy inhibition improves the chemotherapeutic efficacy of cruciferous vegetable-derived diindolylmethane in a murine prostate cancer xenograft model. Investigational New Drugs, 2018, 36, 718-725.	2.6	7
162	The Histone Methyltransferase Gene G9A Is Regulated by Nuclear Receptor 4A1 in Alveolar Rhabdomyosarcoma Cells. Molecular Cancer Therapeutics, 2021, 20, 612-622.	4.1	7

#	Article	IF	Citations
163	Nuclear Receptor 4A2 (NR4A2/NURR1) Regulates Autophagy and Chemoresistance in Pancreatic Ductal Adenocarcinoma. Cancer Research Communications, 2021, 1, 65-78.	1.7	7
164	Transcription factors specificity protein and nuclear receptor 4A1 in pancreatic cancer. World Journal of Gastroenterology, 2021, 27, 6387-6398.	3.3	6
165	Single-cell RNA Sequencing Reveals How the Aryl Hydrocarbon Receptor Shapes Cellular Differentiation Potency in the Mouse Colon. Cancer Prevention Research, 2022, 15, 17-28.	1.5	6
166	Plant Alkaloid Tetrandrine Is a Nuclear Receptor 4A1 Antagonist and Inhibits Panc-1 Cell Growth In Vitro and In Vivo. International Journal of Molecular Sciences, 2022, 23, 5280.	4.1	6
167	Resveratrol Binds Nuclear Receptor 4A1 (NR4A1) and Acts as an NR4A1 Antagonist in Lung Cancer Cells. Molecular Pharmacology, 2022, 102, 80-91.	2.3	6
168	Broussochalcone A Is a Novel Inhibitor of the Orphan Nuclear Receptor NR4A1 and Induces Apoptosis in Pancreatic Cancer Cells. Molecules, 2021, 26, 2316.	3.8	5
169	Synergistic effects of methyl 2-cyano-3,11-dioxo-18beta-olean-1,-12-dien-30-oate and erlotinib on erlotinib-resistant non-small cell lung cancer cells. Journal of Pharmaceutical Analysis, 2021, 11, 799-807.	5.3	5
170	Targeting the Aryl Hydrocarbon Receptor in Stem Cells to Improve the Use of Food as Medicine. Current Stem Cell Reports, 2020, 6, 109-118.	1.6	5
171	Nuclear receptor 4A1 (NR4A1) antagonists target paraspeckle component 1 (PSPC1) in cancer cells. Molecular Carcinogenesis, 2022, 61, 73-84.	2.7	5
172	3,3â€²-Diindolylmethane and 1,4-dihydroxy-2-naphthoic acid prevent chronic mild stress induced depressive-like behaviors in female mice. Journal of Affective Disorders, 2022, 309, 201-210.	4.1	5
173	Targeting Apoptosis Pathways in Cancerâ€"Letter. Cancer Prevention Research, 2015, 8, 338-338.	1.5	4
174	Natural Products in the Prevention of Metabolic Diseases: Lessons Learned from the 20th KAST Frontier Scientists Workshop. Nutrients, 2021, 13, 1881.	4.1	4
175	Recent advances in understanding endocrine disruptors: DDT and related compounds. Faculty Reviews, 2020, 9, 7.	3.9	4
176	NR4A1 inhibition synergizes with ibrutinib in killing mantle cell lymphoma cells. Blood Cancer Journal, 2017, 7, 632.	6.2	3
177	The Effects of betulinic acid on microRNAâ€27a regulated target genes in MDAâ€MBâ€231 breast cancer cells. FASEB Journal, 2008, 22, 158.8.	0.5	3
178	Bis-indole derived nuclear receptor 4A1 (NR4A1) antagonists inhibit TGFÎ²-induced invasion of embryonal rhabdomyosarcoma cells. American Journal of Cancer Research, 2020, 10, 2495-2509.	1.4	3
179	Hydroxylated Chalcones as Aryl Hydrocarbon Receptor Agonists: Structure-Activity Effects. Toxicological Sciences, 2021, 180, 148-159.	3.1	2
180	Cigarette Smoking and Estrogen-Related Cancerâ€"Reply. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1978-1978.	2.5	0

#	Article	IF	Citations
181	Reduced expression of proâ€invasive genes in xenographs of MDAâ€MBâ€231 breast cancer cells by Betulinic Acid is mediated by downâ€regulation of microRNA27a. FASEB Journal, 2011, 25, .	0.5	0
182	MiR-150 Inhibits MLL-AF9 Associated Leukemia By Suppressing Leukemic Stem Cells. Blood, 2013, 122, 3764-3764.	1.4	0
183	Excited about Receptors. , 2022, 1, 1-2.		0