

Hinrich Gronemeyer

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212
papers

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151
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234
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25,281
ext. citations

11.8
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L-index

#	Paper	IF	Citations
212	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
211	Crystal structure of the ligand-binding domain of the human nuclear receptor RXR-alpha. <i>Nature</i> , 1995 , 375, 377-82	50.4	1062
210	Crystal structure of the RAR-gamma ligand-binding domain bound to all-trans retinoic acid. <i>Nature</i> , 1995 , 378, 681-9	50.4	1032
209	A unified nomenclature system for the nuclear receptor superfamily. <i>Cell</i> , 1999 , 97, 161-3	56.2	965
208	Principles for modulation of the nuclear receptor superfamily. <i>Nature Reviews Drug Discovery</i> , 2004 , 3, 950-64	64.1	861
207	A canonical structure for the ligand-binding domain of nuclear receptors. <i>Nature Structural Biology</i> , 1996 , 3, 87-94		776
206	The nuclear receptor ligand-binding domain: structure and function. <i>Current Opinion in Cell Biology</i> , 1998 , 10, 384-91	9	710
205	The promise of retinoids to fight against cancer. <i>Nature Reviews Cancer</i> , 2001 , 1, 181-93	31.3	649
204	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
203	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009 , 16, 1093-107	12.7	533
202	Steroid hormone receptors compete for factors that mediate their enhancer function. <i>Cell</i> , 1989 , 57, 433-42	56.2	524
201	Tumor-selective action of HDAC inhibitors involves TRAIL induction in acute myeloid leukemia cells. <i>Nature Medicine</i> , 2005 , 11, 77-84	50.5	516
200	The coactivator TIF2 contains three nuclear receptor-binding motifs and mediates transactivation through CBP binding-dependent and -independent pathways. <i>EMBO Journal</i> , 1998 , 17, 507-19	13	416
199	International Union of Pharmacology. LXIII. Retinoid X receptors. <i>Pharmacological Reviews</i> , 2006 , 58, 760-72	22.5	408
198	Senescence-associated reprogramming promotes cancer stemness. <i>Nature</i> , 2018 , 553, 96-100	50.4	396
197	RAR and RXR modulation in cancer and metabolic disease. <i>Nature Reviews Drug Discovery</i> , 2007 , 6, 793-860	10.1	393
196	Nuclear receptor ligand-binding domains: three-dimensional structures, molecular interactions and pharmacological implications. <i>Trends in Pharmacological Sciences</i> , 2000 , 21, 381-8	13.2	381

195	The N-terminal region of the chicken progesterone receptor specifies target gene activation. <i>Nature</i> , 1988 , 333, 185-8	50.4	367
194	Crystal structure of a heterodimeric complex of RAR and RXR ligand-binding domains. <i>Molecular Cell</i> , 2000 , 5, 289-98	17.6	362
193	International Union of Pharmacology. LX. Retinoic acid receptors. <i>Pharmacological Reviews</i> , 2006 , 58, 712-25	22.5	340
192	Transcription activation by estrogen and progesterone receptors. <i>Annual Review of Genetics</i> , 1991 , 25, 89-123	14.5	332
191	Retinoic acid-induced apoptosis in leukemia cells is mediated by paracrine action of tumor-selective death ligand TRAIL. <i>Nature Medicine</i> , 2001 , 7, 680-6	50.5	305
190	The contribution of the N- and C-terminal regions of steroid receptors to activation of transcription is both receptor and cell-specific. <i>Nucleic Acids Research</i> , 1989 , 17, 2581-95	20.1	272
189	Activation function 2 in the human androgen receptor ligand binding domain mediates interdomain communication with the NH(2)-terminal domain. <i>Journal of Biological Chemistry</i> , 1999 , 274, 37219-25	5.4	264
188	Co-regulator recruitment and the mechanism of retinoic acid receptor synergy. <i>Nature</i> , 2002 , 415, 187-93	50.4	256
187	Synthetic glucocorticoids that dissociate transactivation and AP-1 transrepression exhibit antiinflammatory activity in vivo. <i>Molecular Endocrinology</i> , 1997 , 11, 1245-55		255
186	Functions, therapeutic applications, and synthesis of retinoids and carotenoids. <i>Chemical Reviews</i> , 2014 , 114, 1-125	68.1	240
185	The function of TIF2/GRIP1 in mouse reproduction is distinct from those of SRC-1 and p/CIP. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5923-37	4.8	225
184	Design of selective nuclear receptor modulators: RAR and RXR as a case study. <i>Nature Reviews Drug Discovery</i> , 2007 , 6, 811-20	64.1	210
183	Two distinct actions of retinoid-receptor ligands. <i>Nature</i> , 1996 , 382, 819-22	50.4	198
182	Control of transcription activation by steroid hormone receptors. <i>FASEB Journal</i> , 1992 , 6, 2524-9	0.9	192
181	Regulation of retinoidal actions by diazepinylbenzoic acids. Retinoid synergists which activate the RXR-RAR heterodimers. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 4222-34	8.3	154
180	Widely spaced, directly repeated PuGGTCA elements act as promiscuous enhancers for different classes of nuclear receptors. <i>Molecular and Cellular Biology</i> , 1995 , 15, 5858-67	4.8	154
179	Cloning of the chicken progesterone receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 5424-8	11.5	153
178	A single amino acid that determines the sensitivity of progesterone receptors to RU486. <i>Science</i> , 1992 , 255, 206-9	33.3	133

177	Modulators of the structural dynamics of the retinoid X receptor to reveal receptor function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17323-8	11.5	128
176	Conformational adaptation of agonists to the human nuclear receptor RAR gamma. <i>Nature Structural Biology</i> , 1998 , 5, 199-202		123
175	Tumor suppressor IRF-1 mediates retinoid and interferon anticancer signaling to death ligand TRAIL. <i>EMBO Journal</i> , 2004 , 23, 3051-60	13	123
174	Synergy between estrogen receptor alpha activation functions AF1 and AF2 mediated by transcription intermediary factor TIF2. <i>EMBO Reports</i> , 2000 , 1, 151-7	6.5	123
173	Modulation of RXR function through ligand design. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 57-69	5	119
172	A unique secondary-structure switch controls constitutive gene repression by retinoic acid receptor. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 801-7	17.6	118
171	Synthetic Glucocorticoids That Dissociate Transactivation and AP-1 Transrepression Exhibit Antiinflammatory Activity in Vivo. <i>Molecular Endocrinology</i> , 1997 , 11, 1245-1255		116
170	A mutation mimicking ligand-induced conformational change yields a constitutive RXR that senses allosteric effects in heterodimers. <i>EMBO Journal</i> , 1997 , 16, 5697-709	13	110
169	Selective class II HDAC inhibitors impair myogenesis by modulating the stability and activity of HDAC-MEF2 complexes. <i>EMBO Reports</i> , 2009 , 10, 776-82	6.5	109
168	Single-tube linear DNA amplification (LinDA) for robust ChIP-seq. <i>Nature Methods</i> , 2011 , 8, 565-7	21.6	105
167	Characterization of the interaction between retinoic acid receptor/retinoid X receptor (RAR/RXR) heterodimers and transcriptional coactivators through structural and fluorescence anisotropy studies. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1625-33	5.4	104
166	Localization of ecdysterone on polytene chromosomes of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980 , 77, 2108-12	11.5	104
165	Cross-talk of vitamin D and glucocorticoids in hippocampal cells. <i>Journal of Neurochemistry</i> , 2006 , 96, 500-9	6	100
164	Retinoid-triggered differentiation and tumor-selective apoptosis of acute myeloid leukemia by protein kinase A-mediated desubordination of retinoid X receptor. <i>Cancer Research</i> , 2005 , 65, 8754-65	10.1	100
163	Nuclear receptors in cell life and death. <i>Trends in Endocrinology and Metabolism</i> , 2001 , 12, 460-8	8.8	98
162	RAR-independent RXR signaling induces t(15;17) leukemia cell maturation. <i>EMBO Journal</i> , 1999 , 18, 7011-8	13	97
161	Towards novel paradigms for cancer therapy. <i>Oncogene</i> , 2011 , 30, 1-20	9.2	93
160	The retinoic acid signaling pathway regulates anterior/posterior patterning in the nerve cord and pharynx of amphioxus, a chordate lacking neural crest. <i>Development (Cambridge)</i> , 2002 , 129, 2905-2916	6.6	91

159	Differential action on coregulator interaction defines inverse retinoid agonists and neutral antagonists. <i>Chemistry and Biology</i> , 2009 , 16, 479-89		90
158	Neofunctionalization in vertebrates: the example of retinoic acid receptors. <i>PLoS Genetics</i> , 2006 , 2, e1026		90
157	Regulator of calcineurin 1 (RCAN1) facilitates neuronal apoptosis through caspase-3 activation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9049-62	5.4	89
156	Mechanisms of antihormone action. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992 , 41, 217-31	3.1	88
155	In vivo targeted mutagenesis of a regulatory element required for positioning the Hoxd-11 and Hoxd-10 expression boundaries. <i>Genes and Development</i> , 1996 , 10, 2326-34	12.6	87
154	Retinoid X receptor alpha forms tetramers in solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 8645-9	11.5	87
153	Recruitment of RXR by homotetrameric RARalpha fusion proteins is essential for transformation. <i>Cancer Cell</i> , 2007 , 12, 36-51	24.3	83
152	Retinoids: potential in cancer prevention and therapy. <i>Expert Reviews in Molecular Medicine</i> , 2004 , 6, 1-23	6.7	82
151	The inactive X chromosome is epigenetically unstable and transcriptionally labile in breast cancer. <i>Genome Research</i> , 2015 , 25, 488-503	9.7	81
150	Therapeutic potential of selective modulators of nuclear receptor action. <i>Current Opinion in Chemical Biology</i> , 1998 , 2, 501-7	9.7	79
149	Rational design of RAR-selective ligands revealed by RARbeta crystal structure. <i>EMBO Reports</i> , 2004 , 5, 877-82	6.5	79
148	Efficient transactivation by retinoic acid receptors in yeast requires retinoid X receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 4281-5	11.5	79
147	Multivalent DR5 peptides activate the TRAIL death pathway and exert tumoricidal activity. <i>Cancer Research</i> , 2010 , 70, 1101-10	10.1	77
146	DAXX, FLASH, and FAF-1 modulate mineralocorticoid and glucocorticoid receptor-mediated transcription in hippocampal cells--toward a basis for the opposite actions elicited by two nuclear receptors?. <i>Molecular Pharmacology</i> , 2004 , 65, 761-9	4.3	73
145	Structural basis for engineering of retinoic acid receptor isotype-selective agonists and antagonists. <i>Chemistry and Biology</i> , 1999 , 6, 519-29		73
144	Retinoid receptors and therapeutic applications of RAR/RXR modulators. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 505-27	3	72
143	Structure, function and modulation of retinoic acid receptor beta, a tumor suppressor. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1406-15	5.6	71
142	Retinoid X receptor-antagonistic diazepinylbenzoic acids. <i>Chemical and Pharmaceutical Bulletin</i> , 1999 , 47, 1778-86	1.9	70

141	A functional genetic screen identifies retinoic acid signaling as a target of histone deacetylase inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17777-82	11.5	69
140	Cloning of the human glucocorticoid receptor cDNA. <i>Nucleic Acids Research</i> , 1985 , 13, 8293-304	20.1	69
139	Dissecting the retinoid-induced differentiation of F9 embryonal stem cells by integrative genomics. <i>Molecular Systems Biology</i> , 2011 , 7, 538	12.2	68
138	Progesterin receptors: isoforms and antihormone action. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991 , 40, 271-8	5.1	66
137	Ligand- and DNA-induced dissociation of RXR tetramers. <i>Journal of Molecular Biology</i> , 1998 , 275, 55-65	6.5	64
136	Synthesis of the PPARbeta/delta-selective agonist GW501516 and C4-thiazole-substituted analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 49-54	2.9	58
135	Separation of retinoid X receptor homo- and heterodimerization functions. <i>Molecular and Cellular Biology</i> , 2003 , 23, 7678-88	4.8	56
134	Methylation specifies distinct estrogen-induced binding site repertoires of CBP to chromatin. <i>Genes and Development</i> , 2011 , 25, 1132-46	12.6	53
133	Synthesis, Crystal Structure Analysis, and Pharmacological Characterization of Disila-bexarotene, a Disila-Analogue of the RXR-Selective Retinoid Agonist Bexarotene. <i>Organometallics</i> , 2005 , 24, 3192-3199	3.8	50
132	HDACs class II-selective inhibition alters nuclear receptor-dependent differentiation. <i>Journal of Molecular Endocrinology</i> , 2010 , 45, 219-28	4.5	48
131	Homo- and heterodimers of the retinoid X receptor (RXR) activated transcription in yeast. <i>Nucleic Acids Research</i> , 1994 , 22, 726-31	20.1	48
130	Death receptor pathway activation and increase of ROS production by the triple epigenetic inhibitor UVI5008. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 2394-404	6.1	46
129	Role of ligand in retinoid signaling. 9-cis-retinoic acid modulates the oligomeric state of the retinoid X receptor. <i>Biochemistry</i> , 1995 , 34, 13717-21	3.2	46
128	Epigenetic profiling of the antitumor natural product psammoplin A and its analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 3637-49	3.4	45
127	Retinoid receptor subtype-selective modulators through synthetic modifications of RARgamma agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 4345-59	3.4	44
126	Indole-derived psammoplin A analogues as epigenetic modulators with multiple inhibitory activities. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 9467-91	8.3	43
125	Evidence for two structurally related progesterone receptors in chick oviduct cytosol. <i>FEBS Letters</i> , 1983 , 156, 287-92	3.8	42
124	Aronia melanocarpa juice induces a redox-sensitive p73-related caspase 3-dependent apoptosis in human leukemia cells. <i>PLoS ONE</i> , 2012 , 7, e32526	3.7	41

123	HDAC inhibitors induce apoptosis in glucocorticoid-resistant acute lymphatic leukemia cells despite a switch from the extrinsic to the intrinsic death pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1500-9	5.6	41
122	Acute myeloid leukemia: therapeutic impact of epigenetic drugs. <i>International Journal of Biochemistry and Cell Biology</i> , 2005 , 37, 1752-62	5.6	40
121	Affinity labelling of steroid hormone receptors. <i>Molecular and Cellular Endocrinology</i> , 1986 , 46, 1-19	4.4	40
120	Type II antagonists impair the DNA binding of steroid hormone receptors without affecting dimerization. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993 , 45, 205-15	5.1	38
119	Nuclear receptor superfamily: Principles of signaling. <i>Pure and Applied Chemistry</i> , 2003 , 75, 1619-1664	2.1	37
118	Silicon analogues of the RXR-selective retinoid agonist SR11237 (BMS649): chemistry and biology. <i>ChemMedChem</i> , 2009 , 4, 1143-52	3.7	36
117	Modulating retinoid X receptor with a series of (E)-3-[4-hydroxy-3-(3-alkoxy-5,5,8,8-tetramethyl-5,6,7,8-tetrahydronaphthalen-2-yl)phenyl]acrylic acids and their 4-alkoxy isomers. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 3150-8	8.3	36
116	Co-resistance to retinoic acid and TRAIL by insertion mutagenesis into RAM. <i>Oncogene</i> , 2006 , 25, 3735-44	4.2	36
115	Retinoic-acid-induced apoptosis in leukemia cells. <i>Trends in Molecular Medicine</i> , 2004 , 10, 508-15	11.5	36
114	Allosteric effects govern nuclear receptor action: DNA appears as a player. <i>Science Signaling</i> , 2009 , 2, pe34	8.8	35
113	Action mechanism of retinoid-synergistic dibenzodiazepines. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 233, 121-5	3.4	35
112	Silicon analogues of the retinoid agonists TTNPB and 3-methyl-TTNPB, disila-TTNPB and disila-3-methyl-TTNPB: chemistry and biology. <i>ChemBioChem</i> , 2007 , 8, 1688-99	3.8	34
111	Heterodimeric complex of RAR and RXR nuclear receptor ligand-binding domains: purification, crystallization, and preliminary X-ray diffraction analysis. <i>Protein Expression and Purification</i> , 2000 , 19, 284-8	2	34
110	Reappraisal of the role of heat shock proteins as regulators of steroid receptor activity. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1998 , 33, 437-66	8.7	32
109	Human cells contain natural double-stranded RNAs with potential regulatory functions. <i>Nature Structural and Molecular Biology</i> , 2015 , 22, 89-97	17.6	31
108	The KDM5 family is required for activation of pro-proliferative cell cycle genes during adipocyte differentiation. <i>Nucleic Acids Research</i> , 2017 , 45, 1743-1759	20.1	30
107	Dual role of DR5 in death and survival signaling leads to TRAIL resistance in cancer cells. <i>Cell Death and Disease</i> , 2017 , 8, e3025	9.8	30
106	Single-tube linear DNA amplification for genome-wide studies using a few thousand cells. <i>Nature Protocols</i> , 2012 , 7, 328-38	18.8	30

105	The retinoic acid signaling pathway regulates anterior/posterior patterning in the nerve cord and pharynx of amphioxus, a chordate lacking neural crest. <i>Development (Cambridge)</i> , 2002 , 129, 2905-16	6.6	30
104	Critical role of retinoid/rexinoid signaling in mediating transformation and therapeutic response of NUP98-RARG leukemia. <i>Leukemia</i> , 2015 , 29, 1153-62	10.7	29
103	Disila-analogues of the synthetic retinoids EC23 and TTNN: synthesis, structure and biological evaluation. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6914-29	3.9	29
102	A quality control system for profiles obtained by ChIP sequencing. <i>Nucleic Acids Research</i> , 2013 , 41, e19620.1	20.1	29
101	Growth factor-antagonized rexinoid apoptosis involves permissive PPARgamma/RXR heterodimers to activate the intrinsic death pathway by NO. <i>Cancer Cell</i> , 2009 , 16, 220-31	24.3	29
100	PIAS3 (protein inhibitor of activated STAT-3) modulates the transcriptional activation mediated by the nuclear receptor coactivator TIF2. <i>FEBS Letters</i> , 2002 , 526, 142-6	3.8	29
99	GR 2002 , 345-367		29
98	Purification, functional characterization, and crystallization of the ligand binding domain of the retinoid X receptor. <i>Protein Expression and Purification</i> , 1995 , 6, 604-8	2	28
97	The DNA binding pattern of the retinoid X receptor is regulated by ligand-dependent modulation of its oligomeric state. <i>Journal of Biological Chemistry</i> , 1997 , 272, 12771-7	5.4	25
96	Photoinduced bonding of endogenous ecdysterone to salivary gland chromosomes of <i>Chironomus tentans</i> . <i>Chromosoma</i> , 1981 , 82, 543-59	2.8	25
95	C3 halogen and c8 substituents on stilbene arotinoids modulate retinoic Acid receptor subtype function. <i>ChemMedChem</i> , 2009 , 4, 1630-40	3.7	24
94	Transcription activation by nuclear receptors. <i>Journal of Receptors and Signal Transduction</i> , 1993 , 13, 667-91		24
93	Switching agonistic, antagonistic, and mixed transcriptional responses to 11 beta-substituted progestins by mutation of the progesterone receptor. <i>Molecular Endocrinology</i> , 1992 , 6, 2071-2078		24
92	CBP and P300 regulate distinct gene networks required for human primary myoblast differentiation and muscle integrity. <i>Scientific Reports</i> , 2018 , 8, 12629	4.9	23
91	Retinoic acid receptor modulators: a perspective on recent advances and promises. <i>Expert Opinion on Therapeutic Patents</i> , 2011 , 21, 55-63	6.8	23
90	Synthesis and pharmacological characterization of Disila-AM80 (Disila-tamibarotene) and Disila-AM580, silicon analogues of the RARalpha-selective retinoid agonists AM80 (Tamibarotene) and AM580. <i>ChemMedChem</i> , 2009 , 4, 1797-802	3.7	23
89	TIF2 mediates the synergy between RARalpha 1 activation functions AF-1 and AF-2. <i>Journal of Biological Chemistry</i> , 2002 , 277, 37961-6	5.4	23
88	Sequences in the ligand-binding domains of the human androgen and progesterone receptors which determine their distinct ligand identities. <i>Journal of Molecular Endocrinology</i> , 1997 , 18, 147-60	4.5	22

87	Insights into the mechanism of the site-selective sequential palladium-catalyzed cross-coupling reactions of dibromothiophenes/dibromothiazoles and arylboronic acids. Synthesis of PPARbeta/delta agonists. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 4514-25	3.9	22
86	Plasminogen activator urokinase expression reveals TRAIL responsiveness and supports fractional survival of cancer cells. <i>Cell Death and Disease</i> , 2014 , 5, e1043	9.8	20
85	Leukemic transformation by the APL fusion protein PRKAR1A-RAR{alpha} critically depends on recruitment of RXR{alpha}. <i>Blood</i> , 2010 , 115, 643-52	2.2	20
84	Retinoic acid determines life span of leukemic cells by inducing antagonistic apoptosis-regulatory programs. <i>International Journal of Biochemistry and Cell Biology</i> , 2005 , 37, 1696-708	5.6	20
83	Quality indicators increase the reliability of microarray data. <i>Genomics</i> , 2002 , 80, 385-94	4.3	20
82	Monitoring ligand-mediated nuclear receptor-coregulator interactions by noncovalent mass spectrometry. <i>FEBS Journal</i> , 2004 , 271, 4958-67		19
81	Genome-wide studies of nuclear receptors in cell fate decisions. <i>Seminars in Cell and Developmental Biology</i> , 2013 , 24, 706-15	7.5	18
80	Leukemia: beneficial actions of retinoids and rexinoids. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 178-82	5.6	18
79	Retinoic acid protects human breast cancer cells against etoposide-induced apoptosis by NF-kappaB-dependent but cIAP2-independent mechanisms. <i>Molecular Cancer</i> , 2010 , 9, 15	42.1	17
78	Discovery of novel transcriptional and epigenetic targets in APL by global CHIP analyses: Emerging opportunity and challenge. <i>Cancer Cell</i> , 2010 , 17, 112-4	24.3	16
77	Purification of the human RARgamma ligand-binding domain and crystallization of its complex with all-trans retinoic acid. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 230, 293-6	3.4	16
76	Retinoids and TRAIL: two cooperating actors to fight against cancer. <i>Vitamins and Hormones</i> , 2004 , 67, 319-45	2.5	15
75	Photoaffinity labelling of steroid hormone binding sites. <i>Trends in Biochemical Sciences</i> , 1985 , 10, 264-267	10.3	15
74	Reconstructed cell fate-regulatory programs in stem cells reveal hierarchies and key factors of neurogenesis. <i>Genome Research</i> , 2016 , 26, 1505-1519	9.7	14
73	Senescence-secreted factors activate Myc and sensitize pretransformed cells to TRAIL-induced apoptosis. <i>Aging Cell</i> , 2014 , 13, 487-96	9.9	14
72	Highly potent naphthofuran-based retinoic acid receptor agonists. <i>ChemMedChem</i> , 2009 , 4, 780-91	3.7	14
71	Cloning of a mouse glucocorticoid modulatory element binding protein, a new member of the KDWK family. <i>FEBS Letters</i> , 2000 , 468, 203-10	3.8	14
70	Reconstruction of gene regulatory networks reveals chromatin remodelers and key transcription factors in tumorigenesis. <i>Genome Medicine</i> , 2016 , 8, 57	14.4	13

69	Inverse agonists and antagonists of retinoid receptors. <i>Methods in Enzymology</i> , 2010 , 485, 161-95	1.7	13
68	Total synthesis of the proposed structures of the DNA methyl transferase inhibitors peyssonenyne, and structural revision of peyssonenyne B. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6979-87	3.9	13
67	TRAIL: at the center of drugable anti-tumor pathways. <i>Cell Cycle</i> , 2005 , 4, 914-8	4.7	13
66	Retinoic acid-response elements with a highly repetitive structure isolated by immuno-selection from genomic DNA. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993 , 46, 121-33	5.1	13
65	Retinoic Acid Analogues Inhibit Human Herpesvirus 8 Replication. <i>Antiviral Therapy</i> , 2008 , 13, 199-210	1.6	13
64	Characterising CHIP-seq binding patterns by model-based peak shape deconvolution. <i>BMC Genomics</i> , 2013 , 14, 834	4.5	12
63	Pyrazine arotinoids with inverse agonist activities on the retinoid and rexinoid receptors. <i>ChemBioChem</i> , 2009 , 10, 1252-9	3.8	12
62	Transformation-dependent silencing of tumor-selective apoptosis-inducing TRAIL by DNA hypermethylation is antagonized by decitabine. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1611-23	6.1	12
61	A new era of cancer therapy: cancer cell targeted therapies are coming of age. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 1-8	5.6	12
60	Retinoic acid via RARalpha inhibits the expression of 24-hydroxylase in human prostate stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1973-81	3.4	12
59	9-cis-retinoic acid analogues with bulky hydrophobic rings: new RXR-selective agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 6117-22	2.9	12
58	NGS-QC Generator: A Quality Control System for CHIP-Seq and Related Deep Sequencing-Generated Datasets. <i>Methods in Molecular Biology</i> , 2016 , 1418, 243-65	1.4	11
57	New retinoid chemotypes: 9-cis-retinoic acid analogs with hydrophobic rings derived from terpenes as selective RAR agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9719-28	3.4	11
56	Mutation of isoleucine 747 by a threonine alters the ligand responsiveness of the human glucocorticoid receptor. <i>Molecular Endocrinology</i> , 1996 , 10, 1214-1226		11
55	Modeling gene-regulatory networks to describe cell fate transitions and predict master regulators. <i>Npj Systems Biology and Applications</i> , 2018 , 4, 29	5	10
54	An Unexpected Mode Of Binding Defines BMS948 as A Full Retinoic Acid Receptor α (RAR α NR1B2) Selective Agonist. <i>PLoS ONE</i> , 2015 , 10, e0123195	3.7	10
53	Thioether analogues of disulfide-bridged cyclic peptides targeting death receptor 5: conformational analysis, dimerisation and consequences for receptor activation. <i>ChemBioChem</i> , 2015 , 16, 293-301	3.8	10
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