

# Hiroyuki Kagechika

## List of Publications by Year in descending order

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283  
papers

10,904  
citations

38660

50  
h-index

45213

90  
g-index

298  
all docs

298  
docs citations

298  
times ranked

11712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoic Acid Imprints Gut-Homing Specificity on T Cells. <i>Immunity</i> , 2004, 21, 527-538.	6.6	1,389
2	Retinoid X receptor gamma signaling accelerates CNS remyelination. <i>Nature Neuroscience</i> , 2011, 14, 45-53.	7.1	449
3	Krüppel-like zinc-finger transcription factor KLF5/BTEB2 is a target for angiotensin II signaling and an essential regulator of cardiovascular remodeling. <i>Nature Medicine</i> , 2002, 8, 856-863.	15.2	362
4	Retinoic acids exert direct effects on T cells to suppress Th1 development and enhance Th2 development via retinoic acid receptors. <i>International Immunology</i> , 2003, 15, 1017-1025.	1.8	260
5	Inhibition of RXR and PPAR $\beta$ ameliorates diet-induced obesity and type 2 diabetes. <i>Journal of Clinical Investigation</i> , 2001, 108, 1001-1013.	3.9	251
6	Retinobenzoic acids. 1. Structure-activity relationships of aromatic amides with retinoidal activity. <i>Journal of Medicinal Chemistry</i> , 1988, 31, 2182-2192.	2.9	239
7	Regulation of Retinoidal Actions by Diazepinylbenzoic Acids. 1 Retinoid Synergists Which Activate the RXR $\alpha$ -RAR Heterodimers. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 4222-4234.	2.9	175
8	Stereochemistry of N-methylbenzanilide and benzanilide. <i>Tetrahedron Letters</i> , 1989, 30, 6177-6180.	0.7	172
9	Aromatic architecture. Use of the N-methylamide structure as a molecular splint. <i>Journal of the American Chemical Society</i> , 1991, 113, 5474-5475.	6.6	163
10	Preference for cis-amide structure in N-acyl-N-methylanilines. <i>Journal of the American Chemical Society</i> , 1992, 114, 10649-10650.	6.6	144
11	Twisted intramolecular charge-transfer fluorescence of aromatic amides: conformation of the amide bonds in excited states. <i>Journal of the American Chemical Society</i> , 1991, 113, 2833-2838.	6.6	119
12	Synthetic Retinoids: Recent Developments Concerning Structure and Clinical Utility. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5875-5883.	2.9	110
13	Genetic and pharmacological evidence that a retinoic acid cannot be the RXR-activating ligand in mouse epidermis keratinocytes. <i>Genes and Development</i> , 2006, 20, 1525-1538.	2.7	108
14	MyD88 and Retinoic Acid Signaling Pathways Interact to Modulate Gastrointestinal Activities of Dendritic Cells. <i>Gastroenterology</i> , 2011, 141, 176-185.	0.6	106
15	Boron Cluster-based Development of Potent Nonsteroidal Vitamin D Receptor Ligands: Direct Observation of Hydrophobic Interaction between Protein Surface and Carborane. <i>Journal of the American Chemical Society</i> , 2011, 133, 20933-20941.	6.6	104
16	All-trans Retinoic Acid Induces in Vitro Angiogenesis via Retinoic Acid Receptor: Possible Involvement of Paracrine Effects of Endogenous Vascular Endothelial Growth Factor Signaling. <i>Endocrinology</i> , 2007, 148, 1412-1423.	1.4	103
17	Expression of retinoic acid receptor genes and the ligand-binding selectivity of retinoic acid receptors (RAR'S). <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 1300-1307.	1.0	100
18	Novel Synthetic Retinoids and Separation of the Pleiotropic Retinoidal Activities. <i>Current Medicinal Chemistry</i> , 2002, 9, 591-608.	1.2	99

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19	Stereochemistries of aromatic N-methylamides in crystal and solution. Temperature-dependent conformational conversion and attracting aromatic-aromatic interactions. <i>Tetrahedron</i> , 1995, 51, 5277-5290.	1.0	98
20	N-Methylated Diphenylguanidines: Conformations, Propeller-Type Molecular Chirality, and Construction of Water-Soluble Oligomers with Multilayered Aromatic Structures. <i>Journal of the American Chemical Society</i> , 1998, 120, 6433-6442.	6.6	90
21	Identification of a Novel Class of Retinoic Acid Receptor $\beta$ -Selective Retinoid Antagonists and Their Inhibitory Effects on AP-1 Activity and Retinoic Acid-induced Apoptosis in Human Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 15360-15366.	1.6	89
22	Amide Conformational Switching Induced by Protonation of Aromatic Substituent. <i>Organic Letters</i> , 2003, 5, 1265-1267.	2.4	88
23	Synthetic Retinoid Am80 Suppresses Smooth Muscle Phenotypic Modulation and In-Stent Neointima Formation by Inhibiting KLF5. <i>Circulation Research</i> , 2005, 97, 1132-1141.	2.0	87
24	In Vitro Murine Spermatogenesis in an Organ Culture System1. <i>Biology of Reproduction</i> , 2010, 83, 261-267.	1.2	83
25	Mechanism of action of retinoids. <i>Journal of the American Academy of Dermatology</i> , 1986, 15, 756-764.	0.6	82
26	Retinobenzoic acids. 4. Conformation of aromatic amides with retinoidal activity. Importance of trans-amide structure for the activity. <i>Journal of Medicinal Chemistry</i> , 1989, 32, 2292-2296.	2.9	80
27	Retinobenzoic acids. 5. Retinoidal activities of compounds having a trimethylsilyl or trimethylgermyl group(s) in human promyelocytic leukemia cells HL-60. <i>Journal of Medicinal Chemistry</i> , 1990, 33, 1430-1437.	2.9	80
28	Retinoid X Receptor-Antagonistic Diazepinylbenzoic Acids.. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 1778-1786.	0.6	80
29	Total asymmetric transformation of an N-methylbenzamide.. <i>Journal of the American Chemical Society</i> , 1995, 117, 9083-9084.	6.6	79
30	Upregulation of Nitric Oxide Production in Vascular Endothelial Cells by All-transRetinoic Acid Through the Phosphoinositide 3-Kinase/Akt Pathway. <i>Circulation</i> , 2005, 112, 727-736.	1.6	79
31	Prevention of hepatocellular carcinoma by targeting MYCN-positive liver cancer stem cells with acyclic retinoid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4969-4974.	3.3	78
32	Retinobenzoic acids. 2. Structure-activity relationships of chalcone-4-carboxylic acids and flavone-4'-carboxylic acids. <i>Journal of Medicinal Chemistry</i> , 1989, 32, 834-840.	2.9	73
33	Novel Retinoid X Receptor Antagonists: Specific Inhibition of Retinoid Synergism in RXR $\beta$ -RAR Heterodimer Actions. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3327-3330.	2.9	73
34	Helical aromatic urea and guanidine. <i>Tetrahedron Letters</i> , 1997, 38, 4425-4428.	0.7	72
35	Increased Hydrophobicity and Estrogenic Activity of Simple Phenols with Silicon and Germanium-Containing Substituents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 160-166.	2.9	70
36	$\beta$ -Cryptoxanthin, a novel natural RAR ligand, induces ATP-binding cassette transporters in macrophages. <i>Biochemical Pharmacology</i> , 2007, 74, 256-264.	2.0	69

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37	Tamibarotene. <i>Drugs of Today</i> , 2007, 43, 563.	0.7	69
38	Retinobenzoic Acids. 6. Retinoid Antagonists with a Heterocyclic Ring. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 1508-1517.	2.9	68
39	Dicarba-closo-dodecaboranes as a Pharmacophore. Retinoidal Antagonists and Potential Agonists.. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 398-404.	0.6	61
40	Discovery of Novel SPAK Inhibitors That Block WNK Kinase Signaling to Cation Chloride Transporters. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1525-1536.	3.0	61
41	Novel retinoid X receptor (RXR) antagonists having a dicarba-closo-dodecaborane as a hydrophobic moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5913-5918.	1.0	60
42	Chemical library screening for WNK signalling inhibitors using fluorescence correlation spectroscopy. <i>Biochemical Journal</i> , 2013, 455, 339-345.	1.7	59
43	Cellular retinoic acid binding protein I mediates rapid non-canonical activation of ERK1/2 by all-trans retinoic acid. <i>Cellular Signalling</i> , 2013, 25, 19-25.	1.7	58
44	Synthetic Retinoid Am80 Reduces Scavenger Receptor Expression and Atherosclerosis in Mice by Inhibiting IL-6. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1177-1183.	1.1	56
45	Facile formation of aromatic cyclic N-methylamides based on cis conformational preference. <i>Tetrahedron Letters</i> , 1996, 37, 5003-5006.	0.7	55
46	Dicarba-closo-dodecaboranes as a Pharmacophore. Novel Potent Retinoidal Agonists.. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 585-587.	0.6	54
47	Retinoidal Pyrimidinecarboxylic Acids. Unexpected Diaza-Substituent Effects in Retinobenzoic Acids.. <i>Chemical and Pharmaceutical Bulletin</i> , 2000, 48, 1504-1513.	0.6	54
48	Development of a Library of 6-Arylcoumarins as Candidate Fluorescent Sensors. <i>Organic Letters</i> , 2007, 9, 1315-1318.	2.4	54
49	Development of novel bisubstrate-type inhibitors of histone methyltransferase SET7/9. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8158-8166.	1.4	53
50	New type inducers of differentiation of human HL-60 promyelocytic leukemia cells. Terephthalic anilides.. <i>Chemical and Pharmaceutical Bulletin</i> , 1984, 32, 4209-4212.	0.6	52
51	Retinoic acid receptor signaling is required to maintain glucose-stimulated insulin secretion and $\beta$ -cell mass. <i>FASEB Journal</i> , 2015, 29, 671-683.	0.2	52
52	Retinobenzoic acids. 3. Structure-activity relationships of retinoidal azobenzene-4-carboxylic acids and stilbene-4-carboxylic acids. <i>Journal of Medicinal Chemistry</i> , 1989, 32, 1098-1108.	2.9	50
53	.ALPHA.-Glucosidase Inhibitors with a 4,5,6,7-Tetrachlorophthalimide Skeleton Pendanted with a Cycloalkyl or Dicarba-closo-dodecaborane Group.. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 791-793.	0.6	50
54	Retinoid X receptor $\beta$ attenuates host antiviral response by suppressing type I interferon. <i>Nature Communications</i> , 2014, 5, 5494.	5.8	50

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55	Specific Uptake of Retinoids into Human Promyelocytic Leukemia Cells HL-60 by Retinoid-specific Binding Protein: Possibly the True Retinoid Receptor. <i>Japanese Journal of Cancer Research</i> , 1988, 79, 473-483.	1.7	49
56	Utility of boron clusters for drug design. Relation between estrogen receptor binding affinity and hydrophobicity of phenols bearing various types of carboranyl groups. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4089-4092.	1.0	49
57	Docosahexaenoic acid reduces haloperidol-induced dyskinesias in mice: Involvement of Nur77 and retinoid receptors. <i>Biological Psychiatry</i> , 2004, 56, 522-526.	0.7	49
58	Efficient High-Throughput Screening by Endoplasmic Reticulum Ca <sup>2+</sup> Measurement to Identify Inhibitors of Ryanodine Receptor Ca <sup>2+</sup> -Release Channels. <i>Molecular Pharmacology</i> , 2018, 94, 722-730.	1.0	48
59	Retinoid X Receptor Agonists Modulate Foxp3+ Regulatory T Cell and Th17 Cell Differentiation with Differential Dependence on Retinoic Acid Receptor Activation. <i>Journal of Immunology</i> , 2013, 191, 3725-3733.	0.4	47
60	Screening with a Novel Cell-Based Assay for TAZ Activators Identifies a Compound That Enhances Myogenesis in C2C12 Cells and Facilitates Muscle Repair in a Muscle Injury Model. <i>Molecular and Cellular Biology</i> , 2014, 34, 1607-1621.	1.1	47
61	Identification of Cyproheptadine as an Inhibitor of SET Domain Containing Lysine Methyltransferase 7/9 (Set7/9) That Regulates Estrogen-Dependent Transcription. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3650-3660.	2.9	47
62	Structure-activity study of retinoid agonists bearing substituted dicarba-closo-dodecaborane. Relation between retinoidal activity and conformation of two aromatic nuclei. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 1307-1311.	1.0	46
63	Identification of Absolute Helical Structures of Aromatic Multilayered Oligo( <i>m</i> -phenylurea)s in Solution. <i>Journal of Organic Chemistry</i> , 2009, 74, 8154-8163.	1.7	46
64	Correlation of differentiation-inducing activity of retinoids on human leukemia cell lines HL-60 and NB4. <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 696-698.	1.2	45
65	Activation of the PI3 Kinase Pathway By Retinoic Acid Mediates Sodium/Iodide Symporter Induction and Iodide Transport in MCF-7 Breast Cancer Cells. <i>Cancer Research</i> , 2009, 69, 3443-3450.	0.4	43
66	Sorafenib Induces Apoptosis Specifically in Cells Expressing BCR/ABL by Inhibiting Its Kinase Activity to Activate the Intrinsic Mitochondrial Pathway. <i>Cancer Research</i> , 2009, 69, 3927-3936.	0.4	43
67	Hypoxia-Inducible Factor-3.ALPHA. Functions as an Accelerator of 3T3-L1 Adipose Differentiation. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1166-1172.	0.6	43
68	The RXR agonists PA024 and HX630 have different abilities to activate LXR/RXR and to induce ABCA1 expression in macrophage cell lines. <i>Biochemical Pharmacology</i> , 2008, 76, 1006-1013.	2.0	42
69	All trans-retinoic acid analogs promote cancer cell apoptosis through non-genomic Crabp1 mediating ERK1/2 phosphorylation. <i>Scientific Reports</i> , 2016, 6, 22396.	1.6	42
70	Down-regulation of histone deacetylase 4, 5 and 6 as a mechanism of synergistic enhancement of apoptosis in human lung cancer cells treated with the combination of a synthetic retinoid, Am80 and green tea catechin. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 7-16.	1.9	42
71	A new cell-based assay to evaluate myogenesis in mouse myoblast C2C12 cells. <i>Experimental Cell Research</i> , 2015, 336, 171-181.	1.2	41
72	Chalcone carboxylic acids. Potent differentiation inducers of human promyelocytic cells HL-60.. <i>Chemical and Pharmaceutical Bulletin</i> , 1985, 33, 404-407.	0.6	40

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73	Inhibition of IL-1-Induced IL-6 Production by Synthetic Retinoids. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 243-248.	1.0	40
74	Encapsulation of the synthetic retinoids Am80 and LE540 into polymeric micelles and the retinoids' release control. <i>Journal of Controlled Release</i> , 2009, 136, 187-195.	4.8	39
75	Action Mechanism of Retinoid-Synergistic Dibenzodiazepines. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 121-125.	1.0	38
76	A chiral N-methylbenzamide: Spontaneous generation of optical activity. <i>Tetrahedron</i> , 1999, 55, 11237-11246.	1.0	37
77	RXR agonist enhances the differentiation of cardiomyocytes derived from embryonic stem cells in serum-free conditions. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1334-1340.	1.0	37
78	Enhancement of imatinib-induced apoptosis of BCR/ABL-expressing cells by nutlin-3 through synergistic activation of the mitochondrial apoptotic pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 608-620.	2.2	37
79	Selective allosteric ligand activation of the retinoid X receptor heterodimers of NGFI-B and Nurr1. <i>Biochemical Pharmacology</i> , 2005, 71, 98-107.	2.0	36
80	The endocrine disruptors nonylphenol and octylphenol exert direct effects on T cells to suppress Th1 development and enhance Th2 development. <i>Immunology Letters</i> , 2004, 94, 135-139.	1.1	35
81	Solvent-Dependent Conformational Switching of N-Phenylhydroxamic Acid and Its Application in Crystal Engineering. <i>Crystal Growth and Design</i> , 2006, 6, 2007-2010.	1.4	35
82	Synthetic retinoids, retinobenzoic acids, Am80, Am580 and Ch55 regulate morphogenesis in chick limb bud. <i>Cell Differentiation and Development</i> , 1990, 32, 17-26.	0.4	34
83	Acidic heterocycles as novel hydrophilic pharmacophore of androgen receptor ligands with a carborane core structure. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 344-350.	1.4	34
84	Effect of Synthetic Retinoid, TAC-101, on Experimental Autoimmune Disease. <i>Pharmacology</i> , 2003, 67, 21-31.	0.9	33
85	Efficient Induction of CCR9 on T Cells Requires Coactivation of Retinoic Acid Receptors and Retinoid X Receptors (RXRs): Exaggerated T Cell Homing to the Intestine by RXR Activation with Organotin. <i>Journal of Immunology</i> , 2010, 185, 5289-5299.	0.4	33
86	Identification of an intermediate in the deboronation of ortho-carborane: an adduct of ortho-carborane with two nucleophiles on one boron atom. <i>Chemical Communications</i> , 2008, , 2049.	2.2	32
87	Design and synthesis of nonsteroidal progesterone receptor antagonists based on C,Ca€²-diphenylcarborane scaffold as a hydrophobic pharmacophore. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 264-277.	2.6	32
88	Chemical compounds that suppress hypoxia-induced stress granule formation enhance cancer drug sensitivity of human cervical cancer HeLa cells. <i>Journal of Biochemistry</i> , 2018, 164, 381-391.	0.9	32
89	Polymethylcarborane as a novel bioactive moiety: derivatives with potent retinoid antagonistic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1733-1736.	1.0	31
90	A novel melatonin derivative modulates sleep-wake cycle in rats. <i>Neuroscience Letters</i> , 2004, 364, 199-202.	1.0	31

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91	Calix[3]amidesâ€”bowl-shaped cyclic trimers toward building block for molecular recognition: self-complementary dimeric structure in the crystal. <i>Tetrahedron Letters</i> , 2006, 47, 413-416.	0.7	31
92	Unusual conformational preference of an aromatic secondary urea: solvent-dependent open-closed conformational switching of N,Nâ€²-bis(porphyrinyl)urea. <i>Chemical Communications</i> , 2013, 49, 2290-2292.	2.2	31
93	Systematic synthesis and anti-inflammatory activity of Î³-carboxylated menaquinone derivativesâ€”Investigations on identified and putative vitamin K2 metabolites. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2344-2352.	1.4	31
94	Spontaneous Resolution of Aromatic Sulfonamides:â€” Effective Screening Method and Discrimination of Absolute Structure. <i>Organic Letters</i> , 2006, 8, 5017-5020.	2.4	30
95	CO <sub>2</sub> -expanded bio-based liquids as novel solvents for enantioselective biocatalysis. <i>Tetrahedron</i> , 2017, 73, 2984-2989.	1.0	30
96	Expression of the Ligand-Binding Domain-Containing Region of Retinoic Acid Receptors .ALPHA., .BETA. and .GAMMA. in <i>Escherichia coli</i> and Evaluation of Ligand-Binding Selectivity.. <i>Biological and Pharmaceutical Bulletin</i> , 1993, 16, 343-348.	0.6	29
97	6-Arylcoumarins as Novel Nonsteroidal Type Progesterone Antagonists: An Example with Receptor-Binding-Dependent Fluorescence. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7055-7065.	2.9	29
98	Copperâ€”Mediated CÎ£;C Crossâ€”Coupling Reaction of Monocarbâ€”clo</i>â€”dodecaborate Anion for the Synthesis of Functional Molecules. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8017-8021.	7.2	29
99	Docosahexaenoic Acid Induces Adipose Differentiation-Related Protein through Activation of Retinoid X Receptor in Human Choriocarcinoma BeWo Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1177-1182.	0.6	28
100	Retinoic acid receptor agonists regulate expression of ATP-binding cassette transporter G1 in macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 561-572.	1.2	28
101	Inhibition of ornithine decarboxylase induction by retinobenzoic acids in relation to their binding affinities to cellular retinoid-binding proteins. <i>Journal of Cancer Research and Clinical Oncology</i> , 1988, 114, 221-224.	1.2	27
102	A Synthetic Retinoid Am80 (Tamibarotene) Rescues the Memory Deficit Caused by Scopolamine in a Passive Avoidance Paradigm. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1887-1889.	0.6	27
103	Retinoic Acid Induces Expression of the Thyroid Hormone Transporter, Monocarboxylate Transporter 8 (Mct8). <i>Journal of Biological Chemistry</i> , 2010, 285, 27279-27288.	1.6	27
104	A cell-based screening for TAZ activators identifies ethacridine, a widely used antiseptic and abortifacient, as a compound that promotes dephosphorylation of TAZ and inhibits adipogenesis in C3H10T1/2 cells. <i>Journal of Biochemistry</i> , 2015, 158, 413-423.	0.9	27
105	Activation of testicular orphan receptor 4 by fatty acids. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 734-740.	0.9	26
106	All- <i>trans</i> retinoic acid and a novel synthetic retinoid tamibarotene (Am80) differentially regulate CD38 expression in human leukemia HL-60 cells: possible involvement of protein kinase C-Î¶. <i>Journal of Leukocyte Biology</i> , 2011, 90, 235-247.	1.5	26
107	Androgen receptor modulators: a review of recent patents and reports (2012-2018). <i>Expert Opinion on Therapeutic Patents</i> , 2019, 29, 439-453.	2.4	26
108	A novel RyR1-selective inhibitor prevents and rescues sudden death in mouse models of malignant hyperthermia and heat stroke. <i>Nature Communications</i> , 2021, 12, 4293.	5.8	26

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109	Effects of Retinoid Ligands on RIP140: A Molecular Interaction with Retinoid Receptors and Biological Activity. <i>Biochemistry</i> , 2003, 42, 971-979.	1.2	25
110	p-Carborane-based androgen antagonists active in LNCaP cells with a mutated androgen receptor. <i>MedChemComm</i> , 2011, 2, 877.	3.5	25
111	Differentiation-inducing activity of retinoic acid isomers and their oxidized analogs on human promyelocytic leukemia HL-60 cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 1136-1142.	1.0	24
112	Molecular construction based on icosahedral carboranes and aromatic N,N-dimethylurea groups. Aromatic layered molecules and a transition metal complex. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 48-58.	0.8	24
113	Tributyltin chloride induces ABCA1 expression and apolipoprotein A-I-mediated cellular cholesterol efflux by activating LXRA $\alpha$ /RXR. <i>Biochemical Pharmacology</i> , 2011, 81, 819-824.	2.0	24
114	Potent Retinoid Synergists with a Diphenylamine Skeleton.. <i>Biological and Pharmaceutical Bulletin</i> , 1998, 21, 544-546.	0.6	23
115	Novel Retinoidal Tropolone Derivatives. Bioisosteric Relationship of Tropolone Ring with Benzoic Acid Moiety in Retinoid Structure.. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 501-503.	0.6	23
116	Modulating Biocatalytic Activity toward Sterically Bulky Substrates in CO <sub>2</sub> -Expanded Biobased Liquids by Tuning the Physicochemical Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11051-11059.	3.2	23
117	A new regulatory mechanism for Raf kinase activation, retinoic acid-bound Crabp1. <i>Scientific Reports</i> , 2019, 9, 10929.	1.6	23
118	Polyenylidene Thiazolidine Derivatives with Retinoidal Activities.. <i>Chemical and Pharmaceutical Bulletin</i> , 1997, 45, 1805-1813.	0.6	22
119	Differential modulation of PI3-kinase/Akt pathway during all-trans retinoic acid- and Am80-induced HL-60 cell differentiation revealed by DNA microarray analysis. <i>Biochemical Pharmacology</i> , 2004, 68, 2177-2186.	2.0	22
120	Design and synthesis of cyclic urea compounds: a pharmacological study for retinoidal activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4131-4134.	1.0	22
121	Peroxisome proliferator-activated receptor gamma ligands stimulate myeloid differentiation and lipogenesis in human leukemia NB4 cells. <i>Development Growth and Differentiation</i> , 2006, 48, 177-188.	0.6	22
122	Chiral Spherical Molecule Constructed from Aromatic Amides: Facile Synthesis and Highly Ordered Network Structure in the Crystal. <i>Journal of Organic Chemistry</i> , 2008, 73, 5143-5146.	1.7	22
123	Design and Synthesis of 4-(4-Benzoylamino-phenoxy)phenol Derivatives As Androgen Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 937-941.	1.3	22
124	Design and synthesis of 4-benzyl-1-(2H)-phthalazinone derivatives as novel androgen receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 310-319.	2.6	22
125	Development of an "OFF-ON-OFF" fluorescent pH sensor suitable for the study of intracellular pH. <i>Tetrahedron</i> , 2016, 72, 4925-4930.	1.0	22
126	Novel YAP1 Activator, Identified by Transcription-Based Functional Screen, Limits Multiple Myeloma Growth. <i>Molecular Cancer Research</i> , 2018, 16, 197-211.	1.5	22



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127	Effects of RXR Agonists on Cell Proliferation/Apoptosis and ACTH Secretion/Pomc Expression. PLoS ONE, 2015, 10, e0141960.	1.1	22
128	Structures of bis- and tris(2-phenyl-o-carboran-1-yl)benzenes. Construction of three-dimensional structures converted from planar arylacetylenic arrays. Tetrahedron Letters, 2001, 42, 6365-6368.	0.7	21
129	Redox-Induced Conformational Alteration of N,N-Diarylamides. Organic Letters, 2007, 9, 5545-5547.	2.4	21
130	Structural development of p-carborane-based potent non-secosteroidal vitamin D analogs. Bioorganic and Medicinal Chemistry, 2014, 22, 5891-5901.	1.4	21
131	Differentiation inducers of human promyelocytic leukemia cells HL-60. Phenylcarbamoylbenzoic acids and polyene amides.. Chemical and Pharmaceutical Bulletin, 1986, 34, 2275-2278.	0.6	20
132	Absolute Helical Arrangement of Sulfonamide in the Crystal. Organic Letters, 2003, 5, 3939-3942.	2.4	20
133	Novel thyroid hormone receptor antagonists with an N-alkylated diphenylamine skeleton. Bioorganic and Medicinal Chemistry, 2007, 15, 3115-3126.	1.4	20
134	Hmx4 regulates Sonic hedgehog signaling through control of retinoic acid synthesis during forebrain patterning. Developmental Biology, 2011, 355, 55-64.	0.9	20
135	Design and synthesis of tetraol derivatives of 1,12-dicarba-closo-dodecaborane as non-secosteroidal vitamin D analogs. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4515-4519.	1.0	20
136	Crystal Engineering of <i>N,N</i> -Diphenylurea Compounds Featuring Phenyl-Perfluorophenyl Interaction. Crystal Growth and Design, 2017, 17, 5858-5866.	1.4	20
137	Characterization and comparison of transcriptional activities of the retinoid X receptors by various organotin compounds in three prosobranch gastropods; <i>Thais clavigera</i> , <i>Nucella lapillus</i> and <i>Babylonia japonica</i> . Aquatic Toxicology, 2018, 199, 103-115.	1.9	20
138	Aromatic layered guanidines bind sequence-specifically to DNA minor groove with precise fit. Tetrahedron Letters, 1998, 39, 6475-6478.	0.7	19
139	13- <i>cis</i> -retinoic acid alters the cellular morphology of slice-cultured serotonergic neurons in the rat. European Journal of Neuroscience, 2008, 27, 2363-2372.	1.2	19
140	Cyclic-tri( <i>N</i> -methyl- <i>meta</i> -benzamide)s: substituent effects on the bowl-shaped conformation in the crystal and solution states. Tetrahedron, 2010, 66, 8254-8260.	1.0	19
141	<i>c-Jun</i> N-terminal kinase activation by oxidative stress suppresses retinoid signaling through proteasomal degradation of retinoic acid receptor $\beta$ protein in hepatic cells. Cancer Science, 2011, 102, 934-941.	1.7	19
142	Neurotogenic activity of a genipin derivative in retinal ganglion cells is mediated by retinoic acid receptor $\beta$ expression through nitric oxide/S-nitrosylation signaling. Journal of Neurochemistry, 2011, 119, 1232-1242.	2.1	19
143	Molecular chirality and chiral capsule-type dimer formation of cyclic triamides via hydrogen-bonding interactions. Chemical Communications, 2012, 48, 4809-4811.	2.2	19
144	RXR antagonism induces G <sub>0</sub> /G <sub>1</sub> cell cycle arrest and ameliorates obesity by up-regulating the p53-p21 <sup>Cip1</sup> pathway in adipocytes. Journal of Pathology, 2012, 226, 784-795.	2.1	19

#	ARTICLE	IF	CITATIONS
145	Structures of histone methyltransferase SET7/9 in complexes with adenosylmethionine derivatives. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 595-602.	2.5	19
146	9- cis Retinoic acid modulates myotrophin expression and its miR in physiological and pathophysiological cell models. <i>Experimental Cell Research</i> , 2017, 354, 25-30.	1.2	19
147	Structural development of a type-1 ryanodine receptor (RyR1) Ca <sup>2+</sup> -release channel inhibitor guided by endoplasmic reticulum Ca <sup>2+</sup> assay. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 837-848.	2.6	19
148	Aromatic Architecture Based on cis Conformational Preference of N-Methylated Amides.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2000, 58, 556-567.	0.0	19
149	Inhibition of Mammary Carcinoma Cell Growth by RXR is Mediated by the Receptor's Oligomeric Switch. <i>Journal of Molecular Biology</i> , 2010, 397, 1121-1131.	2.0	18
150	Development of a novel fluorescent sensor to detect a specific range of pH. <i>Tetrahedron Letters</i> , 2014, 55, 6784-6786.	0.7	18
151	Evaluation of Differentiation-Inducing Activity of Retinoids on Human Leukemia Cell Lines HL-60 and NB4.. <i>Biological and Pharmaceutical Bulletin</i> , 1996, 19, 1322-1328.	0.6	17
152	Synergistic Potentiation of Thiazolidinedione-Induced ST 13 Preadipocyte Differentiation by RAR Synergists. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 646-651.	1.0	17
153	STAT5a/PPAR $\delta$ Pathway Regulates Involucrin Expression in Keratinocyte Differentiation. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1728-1735.	0.3	17
154	Novel vitamin D receptor ligands bearing a spherical hydrophobic core structure—Comparison of bicyclic hydrocarbon derivatives with boron cluster derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1756-1760.	1.0	17
155	Molecular mechanism of 9-cis-retinoic acid inhibition of adipogenesis in 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 102-107.	1.0	17
156	Development of p-carborane-based nonsteroidal progesterone receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5329-5337.	1.4	17
157	Synthesis and structure—activity relationship of p-carborane-based non-steroidal vitamin D analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1227-1235.	1.4	17
158	(cis)-Preference of N,N-Dimethyl-N,N-Diphenylguanidine and the Guanidinium Salt. Construction of Water-Soluble Aromatic Layered Structure.. <i>Chemical and Pharmaceutical Bulletin</i> , 1996, 44, 1135-1137.	0.6	16
159	Molecular construction based on icosahedral carboranes and aromatic urea groups. A new type of carboracycle. <i>Tetrahedron Letters</i> , 2001, 42, 5913-5916.	0.7	16
160	Determination of Endogenous Levels of Retinoic Acid Isomers in Type II Diabetes Mellitus Patients. Possible Correlation with HbA1c Values.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 1268-1271.	0.6	16
161	Retinoids Induce Growth Inhibition and Apoptosis in Mast Cell Tumor Cell Lines. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 797-802.	0.3	16
162	Effects of retinoic acids on the dendritic morphology of cultured hippocampal neurons. <i>Journal of Neurochemistry</i> , 2008, 106, 1104-1116.	2.1	16

#	ARTICLE	IF	CITATIONS
163	The transcription factors Nur77 and retinoid X receptors participate in amphetamine-induced locomotor activities. <i>Psychopharmacology</i> , 2009, 202, 635-648.	1.5	16
164	NR4A nuclear receptors mediate carnitine palmitoyltransferase 1A gene expression by the retinoid HX600. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 780-785.	1.0	16
165	Amarastelline: A Fluorescent Alkaloid from <i>Quassia amara</i> and Its Properties in Living Cells. <i>ChemPlusChem</i> , 2012, 77, 427-431.	1.3	16
166	Docking simulations suggest that all-trans retinoic acid could bind to retinoid X receptors. <i>Journal of Computer-Aided Molecular Design</i> , 2015, 29, 975-988.	1.3	16
167	WNK regulates Wnt signalling and $\beta$ -Catenin levels by interfering with the interaction between $\beta$ -Catenin and GID. <i>Communications Biology</i> , 2020, 3, 666.	2.0	16
168	Fluorescent visualization of the conformational change of aromatic amide or urea induced by N-methylation. <i>Tetrahedron Letters</i> , 2009, 50, 488-491.	0.7	15
169	Activation of liver X receptor suppresses the production of the IL-12 family of cytokines by blocking nuclear translocation of NF- $\kappa$ Bp50. <i>Innate Immunity</i> , 2014, 20, 675-687.	1.1	15
170	Clinically potential subclasses of retinoid synergists revealed by gene expression profiling. <i>Molecular Cancer Therapeutics</i> , 2003, 2, 49-58.	1.9	15
171	Retinoid Dienamides and Related Aromatic Amides. Replacement of the 9-Ene Structure of Retinoic Acid with a trans- or cis-Amide Group.. <i>Chemical and Pharmaceutical Bulletin</i> , 1995, 43, 100-107.	0.6	14
172	Structures of N,N'-bis(1,2-dicarba-closo-dodecaboran-1-yl)phenylureas: building blocks for carborane-containing macromolecules. <i>Tetrahedron Letters</i> , 2000, 41, 7065-7070.	0.7	14
173	Development of androgen receptor ligands by application of ten-vertex para-carborane as a novel hydrophobic core structure. <i>MedChemComm</i> , 2012, 3, 680.	3.5	14
174	Solvent-dependent conformational and fluorescence change of an N-phenylbenzohydroxamic acid derivative bearing two pyrene moieties. <i>Tetrahedron</i> , 2012, 68, 2778-2783.	1.0	14
175	Novel Nonsteroidal Progesterone Receptor (PR) Antagonists with a Phenanthridinone Skeleton. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 641-645.	1.3	14
176	Development of Boron-Cluster-Based Progesterone Receptor Antagonists Bearing a Pentafluorosulfanyl (SF <sub>5</sub> ) Group. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1278-1283.	0.6	14
177	Lithocholic Acid Derivatives as Potent Vitamin D Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 516-526.	2.9	14
178	Sterical Properties of N,N'-Dimethylurea Moiety Enhance Formation of Triply Hydrogen-Bonded Complexes.. <i>Chemical and Pharmaceutical Bulletin</i> , 1996, 44, 460-462.	0.6	13
179	Novel Thiazolidinedione Derivatives with Retinoid Synergistic Activity.. <i>Biological and Pharmaceutical Bulletin</i> , 1998, 21, 547-549.	0.6	13
180	Polymorphism and Pseudopolymorphism of an Aromatic Amide: Spontaneous Resolution and Crystal-to-Crystal phase Transition. <i>Crystal Growth and Design</i> , 2008, 8, 3871-3877.	1.4	13

#	ARTICLE	IF	CITATIONS
181	Fluorescent properties of coumarins with dual functions constructed by two sequential reactions. <i>Tetrahedron Letters</i> , 2012, 53, 5916-5919.	0.7	13
182	Synthesis and helical properties of aromatic multilayered oligoureas. <i>Tetrahedron</i> , 2012, 68, 4455-4463.	1.0	13
183	Structural development of canthin-5,6-dione moiety as a fluorescent dye and its application to novel fluorescent sensors. <i>Tetrahedron</i> , 2016, 72, 5872-5879.	1.0	13
184	Steric structure-activity relationship of cyproheptadine derivatives as inhibitors of histone methyltransferase Set7/9. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4318-4323.	1.4	13
185	Development of <i>N</i> -(4-Phenoxyphenyl)benzenesulfonamide Derivatives as Novel Nonsteroidal Progesterone Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1028-1033.	1.3	13
186	New-type inducers of differentiation of HL-60 leukemia cells suppress c-myc expression.. <i>Chemical and Pharmaceutical Bulletin</i> , 1987, 35, 3190-3194.	0.6	12
187	Base-catalyzed isomerization of retinoic acid. Synthesis and differentiation-inducing activities of 14-alkylated all-trans-, 13-cis-, and 20,14-retro-retinoic acids. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 567-572.	2.9	12
188	Synthesis and Biological Activity of Carboxyphenylquinolines and Related Compounds as New Potent Retinoids. <i>Retinobenzoic Acids. VII.</i> <i>Chemical and Pharmaceutical Bulletin</i> , 1994, 42, 2575-2581.	0.6	12
189	Thiazolidinediones with Thyroid Hormone Receptor Agonistic Activity.. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 1348-1350.	0.6	12
190	Retinoic acid via RAR $\beta$ inhibits the expression of 24-hydroxylase in human prostate stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1973-1981.	1.0	12
191	ApoCIII gene expression is sharply increased during adipogenesis and is augmented by retinoid X receptor (RXR) agonists. <i>FEBS Letters</i> , 2009, 583, 493-497.	1.3	12
192	Development of WNK signaling inhibitors as a new class of antihypertensive drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3845-3852.	1.4	12
193	Identification of a KLF5-dependent program and drug development for skeletal muscle atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12
194	Differentiation inducers of human promyelocytic leukemia cells HL-60. Azobenzenecarboxylic acids and stilbenecarboxylic acids.. <i>Chemical and Pharmaceutical Bulletin</i> , 1985, 33, 5597-5600.	0.6	11
195	Affinity gels for purification of retinoid-specific binding protein (RSBP). <i>Biochemical and Biophysical Research Communications</i> , 1988, 155, 503-508.	1.0	11
196	Effect of Natural and Synthetic Retinoids on the Proliferation and Differentiation of Three Canine Melanoma Cell Lines. <i>Journal of Veterinary Medical Science</i> , 2002, 64, 169-172.	0.3	11
197	The ATRA-dependent overexpression of the glutamate transporter EAAC1 requires RAR $\beta$ induction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1861-1868.	1.4	11
198	Thyromimetics: a review of recent reports and patents (2004 - 2009). <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 213-228.	2.4	11

#	ARTICLE	IF	CITATIONS
199	Efficient and diversity-oriented total synthesis of Riccardin C and application to develop novel macrolactam derivatives. <i>Tetrahedron</i> , 2011, 67, 6073-6082.	1.0	11
200	Diphenylamine-based retinoid antagonists: Regulation of RAR and RXR function depending on the N-substituent. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2501-2507.	1.4	11
201	Redox-responsive conformational alteration of aromatic amides bearing N-quinonyl system. <i>Tetrahedron</i> , 2012, 68, 5346-5355.	1.0	11
202	Lipase-catalyzed asymmetric acylation of boron cluster-containing secondary alcohols. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1505-1512.	1.8	11
203	6-Arylcoumarins: versatile scaffolds for fluorescent sensors. <i>New Journal of Chemistry</i> , 2015, 39, 8389-8396.	1.4	11
204	Sucupiranins Aâ€“L, Furanocassane Diterpenoids from the Seeds of <i>Bowdichia virgilioides</i> . <i>Journal of Natural Products</i> , 2017, 80, 3120-3127.	1.5	11
205	Drug-Repositioning Screening for Keap1-Nrf2 Binding Inhibitors using Fluorescence Correlation Spectroscopy. <i>Scientific Reports</i> , 2017, 7, 3945.	1.6	11
206	Synthesis and Conformational Analysis of Alternately N-Alkylated Aromatic Amide Oligomers. <i>Journal of Organic Chemistry</i> , 2018, 83, 14338-14349.	1.7	11
207	Development of Novel Inhibitors for Histone Methyltransferase SET7/9 based on Cyproheptadine. <i>ChemMedChem</i> , 2018, 13, 1530-1540.	1.6	11
208	Synthesis of Oligopeptides as Polynucleotide Analogs. <i>Nucleosides &amp; Nucleotides</i> , 1996, 15, 465-475.	0.5	10
209	A layered artificial dinucleotide complex. <i>Tetrahedron Letters</i> , 1999, 40, 3423-3426.	0.7	10
210	A new RXR agonist, HX630, suppresses intimal hyperplasia in a mouse blood flow cessation model. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 885-892.	0.9	10
211	Retinoic acid receptor- $\beta$ up-regulates proopiomelanocortin gene expression in AtT20 corticotroph cells. <i>Endocrine Journal</i> , 2014, 61, 1105-1114.	0.7	10
212	A Modified Murine Embryonic Stem Cell Test for Evaluating the Teratogenic Effects of Drugs on Early Embryogenesis. <i>PLoS ONE</i> , 2015, 10, e0145286.	1.1	10
213	Identification of selective inhibitors for diffuse-type gastric cancer cells by screening of annotated compounds in preclinical models. <i>British Journal of Cancer</i> , 2018, 118, 972-984.	2.9	9
214	Design, Synthesis and Biological Evaluation of Novel Nonsteroidal Progesterone Receptor Antagonists Based on Phenylamino-1,3,5-triazine Scaffold. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 566-575.	0.6	9
215	Two new alkaloids from <i>Crinum asiaticum</i> var. <i>japonicum</i> . <i>Journal of Natural Medicines</i> , 2019, 73, 648-652.	1.1	9
216	Development of Helical Aromatic Amide Foldamers with a Diphenylacetylene Backbone. <i>Journal of Organic Chemistry</i> , 2020, 85, 2019-2039.	1.7	9

#	ARTICLE	IF	CITATIONS
217	Suppressive effects of RXR agonist PA024 on adrenal CYP11B2 expression, aldosterone secretion and blood pressure. PLoS ONE, 2017, 12, e0181055.	1.1	9
218	Fluorescent and photoaffinity labeling probes for retinoic acid receptors. Biochemical and Biophysical Research Communications, 1991, 179, 259-265.	1.0	8
219	Modulation of intramolecular heterodimer-induced fluorescence quenching of tricyanocyanine dye for the development of fluorescent sensor. Organic and Biomolecular Chemistry, 2010, 8, 5568.	1.5	8
220	The Retinoic Acid Receptor Agonist Am80 Increases Mucosal Inflammation in an IL-6 Dependent Manner During Trichuris muris Infection. Journal of Clinical Immunology, 2013, 33, 1386-1394.	2.0	8
221	Carboxylic Derivatives of Vitamin K2 Inhibit Hepatocellular Carcinoma Cell Growth through Caspase/Transglutaminase-Related Signaling Pathways. Journal of Nutritional Science and Vitaminology, 2015, 61, 285-290.	0.2	8
222	The mevalonate pathway regulates primitive streak formation via protein farnesylation. Scientific Reports, 2016, 6, 37697.	1.6	8
223	Conformational Properties of Aromatic Oligoamides Bearing Pyrrole Rings. Journal of Organic Chemistry, 2018, 83, 4606-4617.	1.7	8
224	Prevention of acute liver injury by suppressing plasma kallikrein-dependent activation of latent TGF- $\beta$ 2. Biochemical and Biophysical Research Communications, 2018, 504, 857-864.	1.0	8
225	Development of novel lithocholic acid derivatives as vitamin D receptor agonists. Bioorganic and Medicinal Chemistry, 2019, 27, 3674-3681.	1.4	8
226	Regulation of exosome secretion by cellular retinoic acid binding protein 1 contributes to systemic anti-inflammation. Cell Communication and Signaling, 2021, 19, 69.	2.7	8
227	Crystal structure of spherical aromatic amide: pseudopolymorphs and formation of infinite water cluster in the channel structure. CrystEngComm, 2011, 13, 406-409.	1.3	7
228	Development of nonsteroidal glucocorticoid receptor modulators based on N-benzyl-N-(4-phenoxyphenyl)benzenesulfonamide scaffold. Bioorganic and Medicinal Chemistry, 2017, 25, 3461-3470.	1.4	7
229	Structure-activity relationship of novel (benzoylaminophenoxy)phenol derivatives as anti-prostate cancer agents. Bioorganic and Medicinal Chemistry, 2018, 26, 5118-5127.	1.4	7
230	CSE1L promotes nuclear accumulation of transcriptional coactivator TAZ and enhances invasiveness of human cancer cells. Journal of Biological Chemistry, 2021, 297, 100803.	1.6	7
231	Unique Properties of 1,5-Naphthyridinone Derivatives as Environmentally Polarity Sensitive Fluorescent Dyes. European Journal of Organic Chemistry, 2018, 2018, 679-687.	1.2	7
232	Fluorescent probes for retinoic acid receptors: Molecular measures for the ligand binding pocket. Biochemical and Biophysical Research Communications, 1991, 180, 249-254.	1.0	6
233	Latent Enamine Functionality of 5-Methyl-2,3-dihydropyrazines. Chemical and Pharmaceutical Bulletin, 2010, 58, 922-927.	0.6	6
234	Development of 1,3-diphenyladamantane derivatives as nonsteroidal progesterone receptor antagonists. Bioorganic and Medicinal Chemistry, 2015, 23, 803-809.	1.4	6

#	ARTICLE	IF	CITATIONS
235	Validation of chemical compound library screening for transcriptional coactivator with <sc>PDZ</sc>-binding motif inhibitors using <sc>GFP</sc>-fused transcriptional coactivator with <sc>PDZ</sc>-binding motif. <i>Cancer Science</i> , 2016, 107, 791-802.	1.7	6
236	Identifying the receptor subtype selectivity of retinoid X and retinoic acid receptors via quantum mechanics. <i>FEBS Open Bio</i> , 2017, 7, 391-396.	1.0	6
237	A Polarity-Sensitive Fluorescent Amino Acid and its Incorporation into Peptides for the Ratiometric Detection of Biomolecular Interactions. <i>ChemPlusChem</i> , 2019, 84, 1716-1719.	1.3	6
238	Structural development of N-(4-phenoxyphenyl)benzamide derivatives as novel SPAK inhibitors blocking WNK kinase signaling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127408.	1.0	6
239	Inhibition by retinoids of antigen-induced IL-4 production in rat mast cell line RBL-2H3. <i>Life Sciences</i> , 2001, 68, 1287-1294.	2.0	5
240	Development of 6-arylcoumarins as nonsteroidal progesterone antagonists. Structure-activity relationships and fluorescence properties. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5602-5610.	1.4	5
241	Retinoid derivative Tp80 exhibits anti-hepatitis C virus activity through restoration of GlxGPx expression. <i>Journal of Medical Virology</i> , 2017, 89, 1224-1234.	2.5	5
242	Spontaneous chiral resolution of N,N'-diarylsquaramides: Formation of various types of one-handed helical networks during crystallization. <i>Tetrahedron</i> , 2019, 75, 2771-2777.	1.0	5
243	Pharmacophore-guided repurposing of fibrates and retinoids as GPR40 allosteric ligands with activity on insulin release. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 377-383.	2.5	5
244	Design and Synthesis of Novel Retinoid Synergists Having a Dibenzodiazepine Skeleton. <i>Heterocycles</i> , 2010, 81, 2465.	0.4	5
245	Reaction of retinoic acid in sulfuric acid. <i>Tetrahedron Letters</i> , 1988, 29, 6279-6282.	0.7	4
246	Contribution of AP-1 Interference Induced by TAC-101 to Tumor Growth Suppression in a Hepatocellular Carcinoma Model. <i>Tumor Biology</i> , 2009, 30, 1-7.	0.8	4
247	Calix[3]amide-based anion receptors: high affinity for fluoride ions and a twisted binding model. <i>Supramolecular Chemistry</i> , 2011, 23, 125-130.	1.5	4
248	Class IIb HDAC Inhibition Enhances the Inhibitory Effect of Am80, a Synthetic Retinoid, in Prostate Cancer. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 448-452.	0.6	4
249	Development of Androgen-Antagonistic Coumarinamides with a Unique Aromatic Folded Pharmacophore. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5584.	1.8	4
250	Lithocholic Acid Amides as Potent Vitamin D Receptor Agonists. <i>Biomolecules</i> , 2022, 12, 130.	1.8	4
251	Synthesis of porphyrinylamide and observation of N-methylation-induced trans-cis amide conformational alteration. <i>Tetrahedron</i> , 2013, 69, 10927-10932.	1.0	3
252	Conformational and Chiral Properties of Cyclic(N-methylmeta-benzamide) Bearing Amidino Groups. <i>Chirality</i> , 2015, 27, 487-491.	1.3	3

#	ARTICLE	IF	CITATIONS
253	Novel Non-steroidal Progesterone Receptor Ligands Based on <i>m</i> -Carborane Containing a Secondary Alcohol: Effect of Chirality on Ligand Activity. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1051-1057.	0.6	3
254	Self-assembly of Liquid-crystalline Squaramides. <i>Chemistry Letters</i> , 2018, 47, 601-604.	0.7	3
255	Recent Advances in Chemical Tools for the Regulation and Study of Protein Lysine Methyltransferases. <i>Chemical Record</i> , 2018, 18, 1745-1759.	2.9	3
256	A new LC-MS assay for the quantitative analysis of vitamin K metabolites in human urine. <i>Journal of Lipid Research</i> , 2019, 60, 892-899.	2.0	3
257	Construction of Aromatic Multilayered Structures Based on the Conformational Properties of <i>N,N</i> -Dimethylated Squaramide. <i>ChemPlusChem</i> , 2021, 86, 198-205.	1.3	3
258	Design, synthesis and antitumor activity of phthalazine-1,4-dione-based menaquinone analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128065.	1.0	3
259	Alteration in the cellular response to retinoic acid of a human acute promyelocytic leukemia cell line, UF-1, carrying a patient-derived mutant PML-RAR $\alpha$ chimeric gene. <i>Leukemia Research</i> , 2004, 28, 959-967.	0.4	2
260	Synthetic Retinoids: Recent Developments Concerning Structure and Clinical Utility. <i>ChemInform</i> , 2005, 36, no.	0.1	2
261	Construction of anomalously bent biphenyl structure using conformational properties of calix[4]amide. <i>Tetrahedron Letters</i> , 2006, 47, 9369-9371.	0.7	2
262	Synthesis of soluble aromatic multilayered tetra( <i>m</i> -phenylurea) and analysis of its helical conformation in various solvents. <i>Chirality</i> , 2011, 23, E84-90.	1.3	2
263	Medicinal Chemistry of Vitamin K Derivatives and Metabolites. , 2017, , .		2
264	Development of biotin-retinoid conjugates as chemical probes for analysis of retinoid function. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2442-2445.	1.0	2
265	External Stimulus-Responsive Control of Aromatic Amide Conformations. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2009, 67, 1240-1249.	0.0	2
266	Synthesis of Vitamin E Analogues: Possible Active Forms of Vitamin E. <i>Archiv Der Pharmazie</i> , 1996, 329, 27-34.	2.1	1
267	Construction of a Coumarin Library for Development of Fluorescent Sensors. , 2009, , 441-451.		1
268	Structure-activity relationship study on benzoic acid part of diphenylamine-based retinoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 81-84.	1.0	1
269	Two New Diterpenoids from <i>Salvia Przewarskii</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	1
270	Selective Reagent for Detection of <i>N</i> -Monomethylation of a Peptide Lysine Residue through <i>S</i> <sub>N</sub> Ar Reaction. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3606-3611.	1.2	1



#	ARTICLE	IF	CITATIONS
271	Characterization of a novel compound that promotes myogenesis via Akt and transcriptional co-activator with PDZ-binding motif (TAZ) in mouse C2C12 cells. PLoS ONE, 2020, 15, e0231265.	1.1	1
272	Structural Development of Salicylanilide-Based SPAK Inhibitors as Candidate Antihypertensive Agents. ChemMedChem, 2021, 16, 2817-2822.	1.6	1
273	Design and Synthesis of Cyclic Urea Compounds: A Pharmacological Study for Retinoidal Activity.. ChemInform, 2004, 35, no.	0.1	0
274	Utility of Lipase-Catalyzed Reactions for Nonnatural Molecules Bearing a Boron Cluster. , 2017, , 251-266.		0
275	The expression of the glutamate transporter EAAC1 is stimulated by all-trans retinoic acid in C6 rat glioma cells. FASEB Journal, 2008, 22, 1168.3.	0.2	0
276	6-Arylcoumarin as a Scaffold of Photofunctional Molecules with OFF-ON-OFF Type Regulation. Journal of Organic Chemistry, 2021, 86, 2264-2270.	1.7	0
277	ASKA technology-based pull-down method reveals a suppressive effect of ASK1 on the inflammatory NOD-RIPK2 pathway in brown adipocytes. Scientific Reports, 2021, 11, 22009.	1.6	0
278	Recent Advances in the Medicinal Chemistry of Vitamin K Derivatives: An Overview (2000-2021). Biochemistry, 0, , .	0.8	0
279	Title is missing!. , 2020, 15, e0231265.		0
280	Title is missing!. , 2020, 15, e0231265.		0
281	Title is missing!. , 2020, 15, e0231265.		0
282	Title is missing!. , 2020, 15, e0231265.		0
283	Structural Development of Silicon-Containing Retinoids: Structure-Activity Relationship Study of the Hydrophobic Pharmacophore of Retinobenzoic Acids Using Silyl Functionalities. ChemMedChem, 2022, 17, .	1.6	0