

# Hiroyuki Kagechika

## List of Publications by Citations

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280  
papers

9,190  
citations

46  
h-index

83  
g-index

298  
ext. papers

10,056  
ext. citations

5  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
280	Retinoic acid imprints gut-homing specificity on T cells. <i>Immunity</i> , <b>2004</b> , 21, 527-38	32.3	1190
279	Retinoid X receptor gamma signaling accelerates CNS remyelination. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 45-53	53.5	373
278	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> , <b>2002</b> , 8, 856-63	50.5	325
277	Retinoic acids exert direct effects on T cells to suppress Th1 development and enhance Th2 development via retinoic acid receptors. <i>International Immunology</i> , <b>2003</b> , 15, 1017-25	4.9	226
276	Retinobenzoic acids. 1. Structure-activity relationships of aromatic amides with retinoidal activity. <i>Journal of Medicinal Chemistry</i> , <b>1988</b> , 31, 2182-92	8.3	213
275	Inhibition of RXR and PPARgamma ameliorates diet-induced obesity and type 2 diabetes. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 1001-13	15.9	207
274	Stereochemistry of N-methylbenzanilide and benzanilide. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 6177-6180	2	156
273	Regulation of retinoidal actions by diazepinylbenzoic acids. Retinoid synergists which activate the RXR-RAR heterodimers. <i>Journal of Medicinal Chemistry</i> , <b>1997</b> , 40, 4222-34	8.3	154
272	Aromatic architecture. Use of the N-methylamide structure as a molecular splint. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 5474-5475	16.4	147
271	Preference for cis-amide structure in N-acyl-N-methylanilines. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 10649-10650	16.4	129
270	Twisted intramolecular charge-transfer fluorescence of aromatic amides: conformation of the amide bonds in excited states. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 2833-2838	16.4	106
269	Genetic and pharmacological evidence that a retinoic acid cannot be the RXR-activating ligand in mouse epidermis keratinocytes. <i>Genes and Development</i> , <b>2006</b> , 20, 1525-38	12.6	100
268	Synthetic retinoids: recent developments concerning structure and clinical utility. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 5875-83	8.3	99
267	Stereochemistries of aromatic N-methylamides in crystal and solution. Temperature-dependent conformational conversion and attracting aromatic-aromatic interactions. <i>Tetrahedron</i> , <b>1995</b> , 51, 5277-5290	24.0	90
266	Novel synthetic retinoids and separation of the pleiotropic retinoidal activities. <i>Current Medicinal Chemistry</i> , <b>2002</b> , 9, 591-608	4.3	89
265	Boron cluster-based development of potent nonsecosteroidal vitamin D receptor ligands: direct observation of hydrophobic interaction between protein surface and carborane. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 20933-41	16.4	88
264	MyD88 and retinoic acid signaling pathways interact to modulate gastrointestinal activities of dendritic cells. <i>Gastroenterology</i> , <b>2011</b> , 141, 176-85	13.3	87

263	Expression of retinoic acid receptor genes and the ligand-binding selectivity of retinoic acid receptors (RAR's). <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 166, 1300-7	3.4	86
262	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> , <b>2007</b> , 148, 1412-23	4.8	85
261	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> , <b>1998</b> , 120, 6433-6442	16.4	82
260	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> , <b>1999</b> , 274, 15360-6	5.4	78
259	Amide conformational switching induced by protonation of aromatic substituent. <i>Organic Letters</i> , <b>2003</b> , 5, 1265-7	6.2	76
258	Synthetic retinoid Am80 suppresses smooth muscle phenotypic modulation and in-stent neointima formation by inhibiting KLF5. <i>Circulation Research</i> , <b>2005</b> , 97, 1132-41	15.7	76
257	Mechanism of action of retinoids. <i>Journal of the American Academy of Dermatology</i> , <b>1986</b> , 15, 756-64	4.5	75
256	Total asymmetric transformation of an N-methylbenzamide.. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 9083-9084	16.4	72
255	Upregulation of nitric oxide production in vascular endothelial cells by all-trans retinoic acid through the phosphoinositide 3-kinase/Akt pathway. <i>Circulation</i> , <b>2005</b> , 112, 727-36	16.7	70
254	Retinoid X receptor-antagonistic diazepinylbenzoic acids. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1999</b> , 47, 1778-86	1.9	70
253	Novel retinoid X receptor antagonists: specific inhibition of retinoid synergism in RXR-RAR heterodimer actions. <i>Journal of Medicinal Chemistry</i> , <b>2002</b> , 45, 3327-30	8.3	69
252	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> , <b>1990</b> , 33, 1430-7	8.3	68
251	beta-Cryptoxanthin, a novel natural RAR ligand, induces ATP-binding cassette transporters in macrophages. <i>Biochemical Pharmacology</i> , <b>2007</b> , 74, 256-64	6	65
250	Retinobenzoic acids. 4. Conformation of aromatic amides with retinoidal activity. Importance of trans-amide structure for the activity. <i>Journal of Medicinal Chemistry</i> , <b>1989</b> , 32, 2292-6	8.3	65
249	Helical aromatic urea and guanidine. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 4425-4428	2	63
248	In vitro murine spermatogenesis in an organ culture system. <i>Biology of Reproduction</i> , <b>2010</b> , 83, 261-7	3.9	62
247	Tamibarotene. <i>Drugs of Today</i> , <b>2007</b> , 43, 563-8	2.5	61
246	Retinobenzoic acids. 2. Structure-activity relationships of chalcone-4-carboxylic acids and flavone-4'-carboxylic acids. <i>Journal of Medicinal Chemistry</i> , <b>1989</b> , 32, 834-40	8.3	60

245	Dicarba-closo-dodecaboranes as a pharmacophore. Retinoidal antagonists and potential agonists. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1999</b> , 47, 398-404	1.9	59
244	Novel retinoid X receptor (RXR) antagonists having a dicarba-closo-dodecaborane as a hydrophobic moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 5913-8	2.9	55
243	Synthetic retinoid Am80 reduces scavenger receptor expression and atherosclerosis in mice by inhibiting IL-6. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 1177-83	9.4	52
242	Development of a library of 6-arylcoumarins as candidate fluorescent sensors. <i>Organic Letters</i> , <b>2007</b> , 9, 1315-8	6.2	51
241	Facile formation of aromatic cyclic N-methylamides based on cis conformational preference. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 5003-5006	2	51
240	Retinobenzoic acids. 6. Retinoid antagonists with a heterocyclic ring. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1508-17	8.3	51
239	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> , <b>2018</b> , 115, 4969-4974	11.5	50
238	Chemical library screening for WNK signalling inhibitors using fluorescence correlation spectroscopy. <i>Biochemical Journal</i> , <b>2013</b> , 455, 339-45	3.8	48
237	Cellular retinoic acid binding protein I mediates rapid non-canonical activation of ERK1/2 by all-trans retinoic acid. <i>Cellular Signalling</i> , <b>2013</b> , 25, 19-25	4.9	47
236	Development of novel bisubstrate-type inhibitors of histone methyltransferase SET7/9. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 8158-66	3.4	47
235	Docosahexaenoic acid reduces haloperidol-induced dyskinesias in mice: involvement of Nur77 and retinoid receptors. <i>Biological Psychiatry</i> , <b>2004</b> , 56, 522-6	7.9	47
234	Retinoidal pyrimidinecarboxylic acids. Unexpected diaza-substituent effects in retinobenzoic acids. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2000</b> , 48, 1504-13	1.9	46
233	Dicarba-closo-dodecaboranes as a pharmacophore. Novel potent retinoidal agonists. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1999</b> , 47, 585-7	1.9	46
232	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> , <b>2001</b> , 49, 791-3	1.9	45
231	Discovery of Novel SPAK Inhibitors That Block WNK Kinase Signaling to Cation Chloride Transporters. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 1525-36	12.7	44
230	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> , <b>2003</b> , 13, 4089-92	2.9	44
229	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> , <b>2001</b> , 11, 1307-11	2.9	44
228	Retinobenzoic acids. 3. Structure-activity relationships of retinoidal azobenzene-4-carboxylic acids and stilbene-4-carboxylic acids. <i>Journal of Medicinal Chemistry</i> , <b>1989</b> , 32, 1098-108	8.3	44

227	Increased hydrophobicity and estrogenic activity of simple phenols with silicon and germanium-containing substituents. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 160-6	8.3	43
226	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> , <b>1988</b> , 79, 473-83		42
225	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> , <b>2014</b> , 34, 1607-21	4.8	41
224	Identification of absolute helical structures of aromatic multilayered oligo(m-phenylurea)s in solution. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8154-63	4.2	41
223	New type inducers of differentiation of human HL-60 promyelocytic leukemia cells. Terephthalic anilides. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1984</b> , 32, 4209-12	1.9	41
222	Sorafenib induces apoptosis specifically in cells expressing BCR/ABL by inhibiting its kinase activity to activate the intrinsic mitochondrial pathway. <i>Cancer Research</i> , <b>2009</b> , 69, 3927-36	10.1	40
221	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> , <b>2009</b> , 69, 3443-50	10.1	38
220	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> , <b>1995</b> , 121, 696-8	4.9	38
219	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> , <b>2013</b> , 191, 3725-33	5.3	36
218	Hypoxia-inducible factor-3alpha functions as an accelerator of 3T3-L1 adipose differentiation. <i>Biological and Pharmaceutical Bulletin</i> , <b>2009</b> , 32, 1166-72	2.3	36
217	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> , <b>2010</b> , 15, 608-20	5.4	36
216	Retinoic acid receptor signaling is required to maintain glucose-stimulated insulin secretion and $\beta$ cell mass. <i>FASEB Journal</i> , <b>2015</b> , 29, 671-83	0.9	35
215	Action mechanism of retinoid-synergistic dibenzodiazepines. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 233, 121-5	3.4	35
214	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> , <b>2008</b> , 76, 1006-13	6	35
213	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> , <b>2017</b> , 42, 7-16	6.3	34
212	Encapsulation of the synthetic retinoids Am80 and LE540 into polymeric micelles and the retinoids' release control. <i>Journal of Controlled Release</i> , <b>2009</b> , 136, 187-95	11.7	34
211	Inhibition of IL-1-induced IL-6 production by synthetic retinoids. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 231, 243-8	3.4	34
210	RXR agonist enhances the differentiation of cardiomyocytes derived from embryonic stem cells in serum-free conditions. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 333, 1334-40	3.4	34

209	Chalcone carboxylic acids. Potent differentiation inducers of human promyelocytic cells HL-60. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1985</b> , 33, 404-7	1.9	34
208	Acidic heterocycles as novel hydrophilic pharmacophore of androgen receptor ligands with a carborane core structure. <i>Bioorganic and Medicinal Chemistry</i> , <b>2009</b> , 17, 344-50	3.4	33
207	Retinoid X receptor $\beta$ attenuates host antiviral response by suppressing type I interferon. <i>Nature Communications</i> , <b>2014</b> , 5, 5494	17.4	32
206	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 organotins. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5289-99	5.3	31
205	Solvent-Dependent Conformational Switching of N-Phenylhydroxamic Acid and Its Application in Crystal Engineering. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 2007-2010	3.5	31
204	Calix[3]amides: bowl-shaped cyclic trimers toward building block for molecular recognition: self-complementary dimeric structure in the crystal. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 413-416	2	31
203	A novel melatonin derivative modulates sleep-wake cycle in rats. <i>Neuroscience Letters</i> , <b>2004</b> , 364, 199-202	3.3	31
202	Selective allosteric ligand activation of the retinoid X receptor heterodimers of NGFI-B and Nurr1. <i>Biochemical Pharmacology</i> , <b>2005</b> , 71, 98-107	6	31
201	A chiral N-methylbenzamide: Spontaneous generation of optical activity. <i>Tetrahedron</i> , <b>1999</b> , 55, 11237-11246	11.4	31
200	Synthetic retinoids, retinobenzoic acids, Am80, Am580 and Ch55 regulate morphogenesis in chick limb bud. <i>Cell Differentiation and Development</i> , <b>1990</b> , 32, 17-26		31
199	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> , <b>2016</b> , 59, 3650-60	8.3	31
198	Polymethylcarborane as a novel bioactive moiety: derivatives with potent retinoid antagonistic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2000</b> , 10, 1733-6	2.9	30
197	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> , <b>2008</b> , 2049-51	5.8	29
196	The endocrine disruptors nonylphenol and octylphenol exert direct effects on T cells to suppress Th1 development and enhance Th2 development. <i>Immunology Letters</i> , <b>2004</b> , 94, 135-9	4.1	29
195	Design and synthesis of nonsteroidal progesterone receptor antagonists based on C,C'-diphenylcarborane scaffold as a hydrophobic pharmacophore. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 84, 264-77	6.8	28
194	6-arylcoumarins as novel nonsteroidal type progesterone antagonists: an example with receptor-binding-dependent fluorescence. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 7055-65	8.3	27
193	Effect of synthetic retinoid, TAC-101, on experimental autoimmune disease. <i>Pharmacology</i> , <b>2003</b> , 67, 21-31	2.3	27
192	Systematic synthesis and anti-inflammatory activity of $\beta$ -carboxylated menaquinone derivatives--Investigations on identified and putative vitamin K metabolites. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2344-52	3.4	26



191	Docosahexaenoic acid induces adipose differentiation-related protein through activation of retinoid x receptor in human choriocarcinoma BeWo cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2009</b> , 32, 1177-82	2.3	26
190	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> , <b>1988</b> , 114, 221-4	4.9	26
189	Activation of testicular orphan receptor 4 by fatty acids. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2009</b> , 1789, 734-40	6	25
188	Effects of retinoid ligands on RIP140: molecular interaction with retinoid receptors and biological activity. <i>Biochemistry</i> , <b>2003</b> , 42, 971-9	3.2	25
187	A new cell-based assay to evaluate myogenesis in mouse myoblast C2C12 cells. <i>Experimental Cell Research</i> , <b>2015</b> , 336, 171-81	4.2	24
186	A synthetic retinoid Am80 (tamibarotene) rescues the memory deficit caused by scopolamine in a passive avoidance paradigm. <i>Biological and Pharmaceutical Bulletin</i> , <b>2004</b> , 27, 1887-9	2.3	24
185	CO <sub>2</sub> -expanded bio-based liquids as novel solvents for enantioselective biocatalysis. <i>Tetrahedron</i> , <b>2017</b> , 73, 2984-2989	2.4	23
184	Efficient High-Throughput Screening by Endoplasmic Reticulum Ca Measurement to Identify Inhibitors of Ryanodine Receptor Ca-Release Channels. <i>Molecular Pharmacology</i> , <b>2018</b> , 94, 722-730	4.3	23
183	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> , <b>2015</b> , 158, 413-23	3.1	23
182	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> , <b>2002</b> , 657, 48-58	2.3	23
181	Expression of the ligand-binding domain-containing region of retinoic acid receptors alpha, beta and gamma in Escherichia coli and evaluation of ligand-binding selectivity. <i>Biological and Pharmaceutical Bulletin</i> , <b>1993</b> , 16, 343-8	2.3	23
180	Unusual conformational preference of an aromatic secondary urea: solvent-dependent open-closed conformational switching of N,N'-bis(porphyrinyl)urea. <i>Chemical Communications</i> , <b>2013</b> , 49, 2290-2	5.8	22
179	Retinoic acid induces expression of the thyroid hormone transporter, monocarboxylate transporter 8 (Mct8). <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 27279-27288	5.4	22
178	Spontaneous resolution of aromatic sulfonamides: effective screening method and discrimination of absolute structure. <i>Organic Letters</i> , <b>2006</b> , 8, 5017-20	6.2	22
177	All trans-retinoic acid analogs promote cancer cell apoptosis through non-genomic Crabp1 mediating ERK1/2 phosphorylation. <i>Scientific Reports</i> , <b>2016</b> , 6, 22396	4.9	22
176	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> , <b>2012</b> , 1821, 561-72	5	21
175	All-trans 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-delta. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 235-47	6.5	21
174	Tributyltin chloride induces ABCA1 expression and apolipoprotein A-I-mediated cellular cholesterol efflux by activating LXRA/RXR. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 819-24	6	21

173	Copper-mediated C-C cross-coupling reaction of monocarba-closo-dodecaborate anion for the synthesis of functional molecules. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 8017-21	16.4	20
172	p-Carborane-based androgen antagonists active in LNCaP cells with a mutated androgen receptor. <i>MedChemComm</i> , <b>2011</b> , 2, 877	5	20
171	Chiral spherical molecule constructed from aromatic amides: facile synthesis and highly ordered network structure in the crystal. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 5143-6	4.2	20
170	Novel thyroid hormone receptor antagonists with an N-alkylated diphenylamine skeleton. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 3115-26	3.4	20
169	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> , <b>2004</b> , 68, 2177-86	6	20
168	Novel retinoidal tropolone derivatives. Bioisosteric relationship of tropolone ring with benzoic acid moiety in retinoid structure. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2001</b> , 49, 501-3	1.9	20
167	Potent retinoid synergists with a diphenylamine skeleton. <i>Biological and Pharmaceutical Bulletin</i> , <b>1998</b> , 21, 544-6	2.3	20
166	Chemical compounds that suppress hypoxia-induced stress granule formation enhance cancer drug sensitivity of human cervical cancer HeLa cells. <i>Journal of Biochemistry</i> , <b>2018</b> , 164, 381-391	3.1	19
165	Design and Synthesis of 4-(4-Benzoylaminophenoxy)phenol Derivatives As Androgen Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 937-41	4.3	19
164	Hmx4 regulates Sonic hedgehog signaling through control of retinoic acid synthesis during forebrain patterning. <i>Developmental Biology</i> , <b>2011</b> , 355, 55-64	3.1	19
163	Cyclic-tri(N-methyl-meta-benzamide)s: substituent effects on the bowl-shaped conformation in the crystal and solution states. <i>Tetrahedron</i> , <b>2010</b> , 66, 8254-8260	2.4	19
162	Absolute helical arrangement of sulfonamide in the crystal. <i>Organic Letters</i> , <b>2003</b> , 5, 3939-42	6.2	19
161	Structures of bis- and tris(2-phenyl-o-carboran-1-yl)benzenes. Construction of three-dimensional structures converted from planar arylacetylenic arrays. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 6365-6368	2	19
160	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> , <b>1992</b> , 189, 1136-42	3.4	19
159	Development of an OFF-ON-OFF fluorescent pH sensor suitable for the study of intracellular pH. <i>Tetrahedron</i> , <b>2016</b> , 72, 4925-4930	2.4	19
158	Design and synthesis of 4-benzyl-1-(2H)-phthalazinone derivatives as novel androgen receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 102, 310-9	6.8	18
157	Structural development of p-carborane-based potent non-secosteroidal vitamin D analogs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 5891-901	3.4	18
156	c-Jun N-terminal kinase activation by oxidative stress suppresses retinoid signaling through proteasomal degradation of retinoic acid receptor protein in hepatic cells. <i>Cancer Science</i> , <b>2011</b> , 102, 934-41	6.9	18



155	Neuritogenic activity of a genipin derivative in retinal ganglion cells is mediated by retinoic acid receptor expression through nitric oxide/S-nitrosylation signaling. <i>Journal of Neurochemistry</i> , <b>2011</b> , 119, 1232-42	6	18
154	Molecular chirality and chiral capsule-type dimer formation of cyclic triamides via hydrogen-bonding interactions. <i>Chemical Communications</i> , <b>2012</b> , 48, 4809-11	5.8	18
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152	Peroxisome proliferator-activated receptor gamma ligands stimulate myeloid differentiation and lipogenesis in human leukemia NB4 cells. <i>Development Growth and Differentiation</i> , <b>2006</b> , 48, 177-88	3	18
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