

Kiminori Ohta

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,188
citations

331670

21
h-index

377865

34
g-index

46
all docs

46
docs citations

46
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.9	108
2	Potent Androgen Antagonists Based on Carborane as a Hydrophobic Core Structure. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4654-4662.	6.4	85
3	m-Carborane bisphenol structure as a pharmacophore for selective estrogen receptor modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3943-3946.	2.2	64
4	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.	2.2	60
5	Dicarba-closo-dodecaboranes as a Pharmacophore. Novel Potent Retinoidal Agonists.. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 585-587.	1.3	54
6	Potent Estrogen Receptor Ligands Based on Bisphenols with a Globular Hydrophobic Core. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3941-3944.	6.4	53
7	Retinoid X Receptor Gamma Is Implicated in Docosahexaenoic Acid Modulation of Despair Behaviors and Working Memory in Mice. <i>Biological Psychiatry</i> , 2011, 69, 788-794.	1.3	52
8	Structure-activity relations of rosmarinic acid derivatives for the amyloid β^2 aggregation inhibition and antioxidant properties. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 1066-1075.	5.5	51
9	Facile and Efficient Synthesis of C-Hydroxycarboranes and C-C-Dihydroxycarboranes. <i>Inorganic Chemistry</i> , 2007, 46, 3966-3970.	4.0	49
10	Design and Synthesis of Androgen Receptor Full Antagonists Bearing a p-Carborane Cage: Promising Ligands for Anti-Androgen Withdrawal Syndrome. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4917-4926.	6.4	46
11	1,2-Dicarba-closo-dodecaboran-1-yl Naphthalene Derivatives. <i>Inorganic Chemistry</i> , 2005, 44, 8569-8573.	4.0	44
12	Promising core structure for nuclear receptor ligands: Design and synthesis of novel estrogen receptor ligands based on diphenylamine skeleton. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5050-5053.	2.2	43
13	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.	3.0	34
14	Synthesis and biological evaluation of p-carborane bisphenols and their derivatives: Structure-activity relationship for estrogenic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1109-1117.	3.0	33
15	Targeting Cancer with PCPA-Drug Conjugates: LSD1 Inhibition-Triggered Release of 4-Hydroxytamoxifen. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16115-16118.	13.8	31
16	BE360, a new selective estrogen receptor modulator, produces antidepressant and antidementia effects through the enhancement of hippocampal cell proliferation in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2016, 297, 315-322.	2.2	30
17	Design and synthesis of carborane-containing androgen receptor (AR) antagonist bearing a pyridine ring. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8022-8028.	3.0	27
18	Crystal structure, docking study and structure-activity relationship of carborane-containing androgen receptor antagonist 3-(12-hydroxymethyl-1,12-dicarba-closo-dodecaboran-1-yl)benzotrile. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3540-3548.	3.0	27

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19	Enhanced estrogen receptor beta (ER β) selectivity of fluorinated carborane-containing ER modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6555-6558.	2.2	27
20	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.	1.3	23
21	Novel estrogen receptor (ER) modulators: Carbamate and thiocarbamate derivatives with m-carborane bisphenol structure. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7958-7963.	3.0	23
22	Aliphatic Substitution of <i>m</i> -Carboranyl Phenols Enhances Estrogen Receptor Beta Selectivity. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 386-391.	1.3	19
23	Design and synthesis of carborane-containing estrogen receptor-beta (ER β)-selective ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4174-4178.	2.2	19
24	Estrogenic activity of B-fluorinated o-carborane-1,2-bisphenol synthesized via SNAr reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4728-4730.	2.2	18
25	An automated microliter-scale high-throughput screening system (MSHTS) for real-time monitoring of protein aggregation using quantum-dot nanoprobe. <i>Scientific Reports</i> , 2019, 9, 2587.	3.3	17
26	Novel estrogen receptor (ER) modulators containing various hydrophobic bent-core structures. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3508-3514.	3.0	15
27	Magnesium-assisted intramolecular demethylation utilizing carborane C-H geometry. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1646-1651.	1.8	13
28	Synthesis, structure-activity relationships, and mechanistic studies of 5-arylazo-tropolone derivatives as novel xanthine oxidase (XO) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 536-542.	3.0	13
29	Antidepressant effect of BE360, a new selective estrogen receptor modulator, activated via CREB/BDNF, Bcl-2 signaling pathways in ovariectomized mice. <i>Behavioural Brain Research</i> , 2020, 393, 112764.	2.2	13
30	Synthesis and biological evaluation of novel m-carborane-containing estrogen receptor partial agonists as SERM candidates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3213-3216.	2.2	12
31	Design, synthesis, and anti-proliferative activity of 1-(4-methoxyphenyl)-12-hydroxymethyl- <i>p</i> -carborane derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 257-263.	5.5	11
32	Novel <i>p</i> -carborane-containing multitarget anticancer agents inspired by the metabolism of 17 β -estradiol. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6371-6378.	3.0	11
33	Design and synthesis of iodocarborane-containing ligands with high affinity and selectivity toward ER β . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4030-4033.	2.2	11
34	Novel androgen receptor full antagonists: Design, synthesis, and a docking study of glycerol and aminoglycerol derivatives that contain <i>p</i> -carborane cages. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3805-3811.	3.0	11
35	Design and synthesis of <i>p</i> -carborane-containing sulfamates as multitarget anti-breast cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6417-6426.	3.0	10
36	Proton-driven conformational change in a 2-aryl- <i>p</i> -carborane constrained by an intramolecular C-H \cdots O hydrogen bond. <i>Tetrahedron Letters</i> , 2007, 48, 5231-5234.	1.4	7

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37	Estrogenic activity of bis(4-hydroxyphenyl)methanes with cyclic hydrophobic structure. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6900-6911.	3.0	7
38	Targeting Cancer with PCPA-Drug Conjugates: LSD1 Inhibition-Triggered Release of 4-Hydroxytamoxifen. <i>Angewandte Chemie</i> , 2016, 128, 16349-16352.	2.0	4
39	ER subtype selectivity of m-carborane-containing phenols: C-alkyl groups on the m-carborane cage enhance ER α selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2290-2293.	2.2	4
40	Anti-cancer activity of m-carborane-containing trimethoxyphenyl derivatives through tubulin polymerization inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1139-1144.	3.0	4
41	Symmetric 4,4'-((piperidin-4-ylidene)methylene)bisphenol derivatives as novel tunable estrogen receptor (ER) modulators. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1089-1094.	3.0	2
42	Design and Synthesis of Novel Breast Cancer Therapeutic Drug Candidates Based upon the Hydrophobic Feedback Approach of Antiestrogens. <i>Molecules</i> , 2019, 24, 3966.	3.8	2
43	Development of Force Field Parameters for <i>m</i> -Carborane to Investigate the Structural Influence of Carborane Derivatives on Drug Targets by Complex Formation. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1931-1939.	1.4	1
44	Antidepressant effect of BE360, a new selective estrogen receptor modulator, and its mechanism in ovariectomized mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-19.	0.0	0
45	Challenging Approach to the Development of Novel Estrogen Receptor Modulators Based on the Chemical Properties of Guaiazulene. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1113.	4.1	0