Kiminori Ohta

List of Publications by Year
in descending order

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	Challenging Approach to the Development of Novel Estrogen Receptor Modulators Based on the Chemical Properties of Guaiazulene. International Journal of Molecular Sciences, 2022, 23, 1113.	4.1	0
2	Antidepressant effect of BE360, a new selective estrogen receptor modulator, activated via CREB/BDNF, Bcl-2 signaling pathways in ovariectomized mice. Behavioural Brain Research, 2020, 393, 112764.	2.2	13
3	Development of Force Field Parameters for <i>p</i>-Carborane to Investigate the Structural Influence of Carborane Derivatives on Drug Targets by Complex Formation. Biological and Pharmaceutical Bulletin, 2020, 43, 1931-1939.	1.4	1
4	ER subtype selectivity of m-carborane-containing phenols: C-alkyl groups on the m-carborane cage enhance ERÎ± selectivity. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2290-2293.	2.2	4
5	Design and Synthesis of Novel Breast Cancer Therapeutic Drug Candidates Based upon the Hydrophobic Feedback Approach of Antiestrogens. Molecules, 2019, 24, 3966.	3.8	2
6	An automated microliter-scale high-throughput screening system (MSHTS) for real-time monitoring of protein aggregation using quantum-dot nanoprobes. Scientific Reports, 2019, 9, 2587.	3.3	17
7	Anti-cancer activity of m-carborane-containing trimethoxyphenyl derivatives through tubulin polymerization inhibition. Bioorganic and Medicinal Chemistry, 2019, 27, 1139-1144.	3.0	4
8	Synthesis, structure-activity relationships, and mechanistic studies of 5-arylazo-tropolone derivatives as novel xanthine oxidase (XO) inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 536-542.	3.0	13
9	Novel androgen receptor full antagonists: Design, synthesis, and a docking study of glycerol and aminoglycerol derivatives that contain p -carborane cages. Bioorganic and Medicinal Chemistry, 2018, 26, 3805-3811.	3.0	11
10	Antidepressant effect of BE360, a new selective estrogen receptor modulator, and its mechanism in ovariectomized mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-19.	0.0	0
11	Novel p-carborane-containing multitarget anticancer agents inspired by the metabolism of 17Î²-estradiol. Bioorganic and Medicinal Chemistry, 2017, 25, 6371-6378.	3.0	11
12	Design and synthesis of p-carborane-containing sulfamates as multitarget anti-breast cancer agents. Bioorganic and Medicinal Chemistry, 2017, 25, 6417-6426.	3.0	10
13	Structureâ€“activity relations of rosmarinic acid derivatives for the amyloid Î² aggregation inhibition and antioxidant properties. European Journal of Medicinal Chemistry, 2017, 138, 1066-1075.	5.5	51
14	Design and synthesis of iodocarborane-containing ligands with high affinity and selectivity toward ERÎ². Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4030-4033.	2.2	11
15	Design, synthesis, and anti-proliferative activity of 1-(4-methoxyphenyl)-12-hydroxymethyl- p -carborane derivatives. European Journal of Medicinal Chemistry, 2016, 122, 257-263.	5.5	11
16	Targeting Cancer with PCPAâ€Drug Conjugates: LSD1 Inhibitionâ€Triggered Release of 4â€Hydroxytamoxifen. Angewandte Chemie, 2016, 128, 16349-16352.	2.0	4
17	Targeting Cancer with PCPAâ€Drug Conjugates: LSD1 Inhibitionâ€Triggered Release of 4â€Hydroxytamoxifen. Angewandte Chemie - International Edition, 2016, 55, 16115-16118.	13.8	31
18	Symmetric 4,4â€²-(piperidin-4-ylidenemethylene)bisphenol derivatives as novel tunable estrogen receptor (ER) modulators. Bioorganic and Medicinal Chemistry, 2016, 24, 1089-1094.	3.0	2

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19	BE360, a new selective estrogen receptor modulator, produces antidepressant and antidementia effects through the enhancement of hippocampal cell proliferation in olfactory bulbectomized mice. Behavioural Brain Research, 2016, 297, 315-322.	2.2	30
20	Synthesis and biological evaluation of novel m-carborane-containing estrogen receptor partial agonists as SERM candidates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3213-3216.	2.2	12
21	Design and synthesis of carborane-containing estrogen receptor-beta (ERÎ²)-selective ligands. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4174-4178.	2.2	19
22	Estrogenic activity of bis(4-hydroxyphenyl)methanes with cyclic hydrophobic structure. Bioorganic and Medicinal Chemistry, 2015, 23, 6900-6911.	3.0	7
23	Novel estrogen receptor (ER) modulators containing various hydrophobic bent-core structures. Bioorganic and Medicinal Chemistry, 2014, 22, 3508-3514.	3.0	15
24	Aliphatic Substitution of <i>o</i>-Carboranyl Phenols Enhances Estrogen Receptor Beta Selectivity. Chemical and Pharmaceutical Bulletin, 2014, 62, 386-391.	1.3	19
25	Enhanced estrogen receptor beta (ERÎ²) selectivity of fluorinated carborane-containing ER modulators. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6555-6558.	2.2	27
26	Estrogenic activity of B-fluorinated o-carborane-1,2-bisphenol synthesized via SNAr reaction. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4728-4730.	2.2	18
27	Retinoid X Receptor Gamma Is Implicated in Docosahexaenoic Acid Modulation of Despair Behaviors and Working Memory in Mice. Biological Psychiatry, 2011, 69, 788-794.	1.3	52
28	Crystal structure, docking study and structureâ€“activity relationship of carborane-containing androgen receptor antagonist 3-(12-hydroxymethyl-1,12-dicarba-closo-dodecaboran-1-yl)benzonitrile. Bioorganic and Medicinal Chemistry, 2011, 19, 3540-3548.	3.0	27
29	Design and Synthesis of Androgen Receptor Full Antagonists Bearing a p-Carborane Cage: Promising Ligands for Anti-Androgen Withdrawal Syndrome. Journal of Medicinal Chemistry, 2010, 53, 4917-4926.	6.4	46
30	Magnesium-assisted intramolecular demethylation utilizing carborane Câ€“H geometry. Journal of Organometallic Chemistry, 2009, 694, 1646-1651.	1.8	13
31	Acidic heterocycles as novel hydrophilic pharmacophore of androgen receptor ligands with a carborane core structure. Bioorganic and Medicinal Chemistry, 2009, 17, 344-350.	3.0	34
32	Synthesis and biological evaluation of p-carborane bisphenols and their derivatives: Structureâ€“activity relationship for estrogenic activity. Bioorganic and Medicinal Chemistry, 2009, 17, 1109-1117.	3.0	33
33	Novel estrogen receptor (ER) modulators: Carbamate and thiocarbamate derivatives with m-carborane bisphenol structure. Bioorganic and Medicinal Chemistry, 2009, 17, 7958-7963.	3.0	23
34	Design and synthesis of carborane-containing androgen receptor (AR) antagonist bearing a pyridine ring. Bioorganic and Medicinal Chemistry, 2008, 16, 8022-8028.	3.0	27
35	Promising core structure for nuclear receptor ligands: Design and synthesis of novel estrogen receptor ligands based on diphenylamine skeleton. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5050-5053.	2.2	43
36	Facile and Efficient Synthesis ofC-Hydroxycarboranes andC,Câ€˜-Dihydroxycarboranes. Inorganic Chemistry, 2007, 46, 3966-3970.	4.0	49

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37	Proton-driven conformational change in a 2-aryl-p-carborane constrained by an intramolecular Câ€“Hâ‹¯O hydrogen bond. Tetrahedron Letters, 2007, 48, 5231-5234.	1.4	7
38	m-Carborane bisphenol structure as a pharmacophore for selective estrogen receptor modulators. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 3943-3946.	2.2	64
39	Genetic and pharmacological evidence that a retinoic acid cannot be the RXR-activating ligand in mouse epidermis keratinocytes. Genes and Development, 2006, 20, 1525-1538.	5.9	108
40	Potent Estrogen Receptor Ligands Based on Bisphenols with a Globular Hydrophobic Core. Journal of Medicinal Chemistry, 2005, 48, 3941-3944.	6.4	53
41	Potent Androgen Antagonists Based on Carborane as a Hydrophobic Core Structure. Journal of Medicinal Chemistry, 2005, 48, 4654-4662.	6.4	85
42	1,2-Dicarba-closo-dodecaboran-1-yl Naphthalene Derivatives. Inorganic Chemistry, 2005, 44, 8569-8573.	4.0	44
43	Novel retinoid X receptor (RXR) antagonists having a dicarba-closo-dodecaborane as a hydrophobic moiety. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5913-5918.	2.2	60
44	Novel Retinoidal Tropolone Derivatives. Bioisosteric Relationship of Tropolone Ring with Benzoic Acid Moiety in Retinoid Structure.. Chemical and Pharmaceutical Bulletin, 2001, 49, 501-503.	1.3	23
45	Dicarba-closo-dodecaboranes as a Pharmacophore. Novel Potent Retinoidal Agonists.. Chemical and Pharmaceutical Bulletin, 1999, 47, 585-587.	1.3	54