

Shinya Fujii

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Development of Silicon-Containing Retinoids: Structure-Activity Relationship Study of the Hydrophobic Pharmacophore of Retinobenzoic Acids Using Silyl Functionalities. <i>ChemMedChem</i> , 2022, 17, .	1.6	0
2	Design, synthesis and structure-activity relationship of 4-(1,1,1,3,3,3-hexafluoro-2-hydroxyisoprop-2-yl)phenylsilane derivatives as liver X receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 66, 116792.	1.4	1
3	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
4	Structural Development of Salicylanilide-Based SPAK Inhibitors as Candidate Antihypertensive Agents. <i>ChemMedChem</i> , 2021, 16, 2817-2822.	1.6	1
5	Structure-property and structure-activity relationships of phenylferrocene derivatives as androgen receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 46, 128141.	1.0	7
6	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
7	Development of Androgen-Antagonistic Coumarinamides with a Unique Aromatic Folded Pharmacophore. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5584.	1.8	4
8	Development of Novel AKR1C3 Inhibitors as New Potential Treatment for Castration-Resistant Prostate Cancer. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10396-10411.	2.9	32
9	Phosphine boranes as less hydrophobic building blocks than alkanes and silanes: Structure-property relationship and estrogen-receptor-modulating potency of 4-phosphinophenol derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115310.	1.4	5
10	Development of novel lithocholic acid derivatives as vitamin D receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3674-3681.	1.4	8
11	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
12	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
13	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
14	Development of Boron-Cluster-Based Progesterone Receptor Antagonists Bearing a Pentafluorosulfanyl (SF ₅) Group. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1278-1283.	0.6	14
15	Design and Synthesis of Cyclohexenyl-p-carborane Derivatives as a New Class of Progesterone Receptor Antagonists. <i>Heterocycles</i> , 2019, 99, 425.	0.4	0
16	Structural development of tetrachlorophthalimides as liver X receptor $\hat{1}^2$ (LXR $\hat{1}^2$)-selective agonists with improved aqueous solubility. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 796-801.	1.0	10
17	Structure-activity relationship of novel (benzoylaminophenoxy)phenol derivatives as anti-prostate cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5118-5127.	1.4	7
18	Novel Nonsteroidal Progesterone Receptor (PR) Antagonists with a Phenanthridinone Skeleton. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 641-645.	1.3	14

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19	Development of novel silanol-based human pregnane X receptor (PXR) agonists with improved receptor selectivity. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4493-4501.	1.4	7
20	Efficient Lead Finding, Activity Enhancement and Preliminary Selectivity Control of Nuclear Receptor Ligands Bearing a Phenanthridinone Skeleton. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2090.	1.8	3
21	Novel androgen receptor full antagonists: Design, synthesis, and a docking study of glycerol and aminoglycerol derivatives that contain p-carborane cages. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3805-3811.	1.4	11
22	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
23	Development of nonsteroidal glucocorticoid receptor modulators based on N-benzyl-N-(4-phenoxyphenyl)benzenesulfonamide scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3461-3470.	1.4	7
24	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
25	Progress in the medicinal chemistry of silicon: C/Si exchange and beyond. <i>Future Medicinal Chemistry</i> , 2017, 9, 485-505.	1.1	107
26	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
27	Medicinal Chemistry of Vitamin K Derivatives and Metabolites. , 2017, , .		2
28	Design and Synthesis of 1,3,5-Triazine Derivatives as Novel Inverse Agonists of Nuclear Retinoic Acid Receptor-Related Orphan Receptor- β . <i>Heterocycles</i> , 2017, 95, 547.	0.4	4
29	Expanding the chemical space of hydrophobic pharmacophores: the role of hydrophobic substructures in the development of novel transcription modulators. <i>MedChemComm</i> , 2016, 7, 1082-1092.	3.5	30
30	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
31	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
32	Altered activity profile of a tertiary silanol analog of multi-targeting nuclear receptor modulator T0901317. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1817-1820.	1.0	11
33	Carboxylic Derivatives of Vitamin K2 Inhibit Hepatocellular Carcinoma Cell Growth through Caspase/Transglutaminase-Related Signaling Pathways. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, 285-290.	0.2	8
34	Development of 1,3-diphenyladamantane derivatives as nonsteroidal progesterone receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 803-809.	1.4	6
35	Design and synthesis of silicon-containing fatty acid amide derivatives as novel peroxisome proliferator-activated receptor (PPAR) agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3350-3354.	1.0	13
36	Systematic synthesis and anti-inflammatory activity of <i>l</i> -carboxylated menaquinone derivatives- Investigations on identified and putative vitamin K2 metabolites. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2344-2352.	1.4	31

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37	Design and synthesis of novel ROR inverse agonists with a dibenzosilole scaffold as a hydrophobic core structure. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2982-2988.	1.4	17
38	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
39	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
40	Design and synthesis of nonsteroidal progesterone receptor antagonists based on C,Câ€²-diphenylcarborane scaffold as a hydrophobic pharmacophore. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 264-277.	2.6	32
41	Lipase-catalyzed asymmetric acylation of boron cluster-containing secondary alcohols. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1505-1512.	1.8	11
42	Structural development of p-carborane-based potent non-secosteroidal vitamin D analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5891-5901.	1.4	21
43	Development of p-carborane-based nonsteroidal progesterone receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5329-5337.	1.4	17
44	Design and synthesis of tetraol derivatives of 1,12-dicarba-closo-dodecaborane as non-secosteroidal vitamin D analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4515-4519.	1.0	20
45	Synthesis and structureâ€“activity relationship of p-carborane-based non-secosteroidal vitamin D analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1227-1235.	1.4	17
46	Synthesis and Structureâ€“Activity Relationship Study of Triazine-Based Inhibitors of the DNA Binding of NF-Î²B. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 700-708.	0.6	6
47	Development of 2-Thioxoquinazoline-4-one Derivatives as Dual and Selective Inhibitors of Dynamin-Related Protein 1 (Drp1) and Puromycin-Sensitive Aminopeptidase (PSA). <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 979-988.	0.6	19
48	Design and Synthesis of 4-(4-Benzoylaminophenoxy)phenol Derivatives As Androgen Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 937-941.	1.3	22
49	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
50	Copperâ€“Mediated Cî€²;C Crossâ€“Coupling Reaction of Monocarbâ€“closo-dodecaborate Anion for the Synthesis of Functional Molecules. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8017-8021.	7.2	29
51	Chemical library screening for WNK signalling inhibitors using fluorescence correlation spectroscopy. <i>Biochemical Journal</i> , 2013, 455, 339-345.	1.7	59
52	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
53	Novel vitamin D receptor ligands bearing a spherical hydrophobic core structureâ€“Comparison of bicyclic hydrocarbon derivatives with boron cluster derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1756-1760.	1.0	17
54	p-Carborane-based androgen antagonists active in LNCaP cells with a mutated androgen receptor. <i>MedChemComm</i> , 2011, 2, 877.	3.5	25

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55	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
56	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
57	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
58	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.	1.4	27
59	Effect of Oxygen Substituent in the Aniline Part of Benzanilide on the Regioselectivity in Direct Arylation Using Palladium-Phosphine Reagents. <i>Heterocycles</i> , 2010, 81, 1881.	0.4	5
60	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.	2.9	46
61	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
62	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
63	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
64	A new class of androgen receptor antagonists bearing carborane in place of a steroidal skeleton. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 227-230.	1.0	50
65	Potent Androgen Antagonists Based on Carborane as a Hydrophobic Core Structure. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4654-4662.	2.9	85
66	Dependence of Estrogenic Activity on the Shape of the 4-Alkyl Substituent in Simple Phenols. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 259-261.	0.6	11
67	Recent Advances in the Medicinal Chemistry of Vitamin K Derivatives: An Overview (2000-2021). <i>Biochemistry</i> , 0, , .	0.8	0