Shinya Fujii

List of Publications by Year
in descending order

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67	1,365	331259 21	377514 34
papers	citations	h-index	g-index

72	72	72	1399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progress in the medicinal chemistry of silicon: C/Si exchange and beyond. Future Medicinal Chemistry, 2017, 9, 485-505.	1.1	107
2	Boron Cluster-based Development of Potent Nonsecosteroidal Vitamin D Receptor Ligands: Direct Observation of Hydrophobic Interaction between Protein Surface and Carborane. Journal of the American Chemical Society, 2011, 133, 20933-20941.	6.6	104
3	Potent Androgen Antagonists Based on Carborane as a Hydrophobic Core Structure. Journal of Medicinal Chemistry, 2005, 48, 4654-4662.	2.9	85
4	Increased Hydrophobicity and Estrogenic Activity of Simple Phenols with Silicon and Germanium-Containing Substituents. Journal of Medicinal Chemistry, 2013, 56, 160-166.	2.9	70
5	Discovery of Novel SPAK Inhibitors That Block WNK Kinase Signaling to Cation Chloride Transporters. Journal of the American Society of Nephrology: JASN, 2015, 26, 1525-1536.	3.0	61
6	Chemical library screening for WNK signalling inhibitors using fluorescence correlation spectroscopy. Biochemical Journal, 2013, 455, 339-345.	1.7	59
7	A new class of androgen receptor antagonists bearing carborane in place of a steroidal skeleton. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 227-230.	1.0	50
8	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.	2.9	46
9	Acidic heterocycles as novel hydrophilic pharmacophore of androgen receptor ligands with a carborane core structure. Bioorganic and Medicinal Chemistry, 2009, 17, 344-350.	1.4	34
10	Identification of an intermediate in the deboronation of ortho-carborane: an adduct of ortho-carborane with two nucleophiles on one boron atom. Chemical Communications, 2008, , 2049.	2.2	32
11	Design and synthesis of nonsteroidal progesterone receptor antagonists based on C,Câ€²-diphenylcarborane scaffold as a hydrophobic pharmacophore. European Journal of Medicinal Chemistry, 2014, 84, 264-277.	2.6	32
12	Development of Novel AKR1C3 Inhibitors as New Potential Treatment for Castration-Resistant Prostate Cancer. Journal of Medicinal Chemistry, 2020, 63, 10396-10411.	2.9	32
13	Systematic synthesis and anti-inflammatory activity of Ï‰-carboxylated menaquinone derivativesâ€”Investigations on identified and putative vitamin K2 metabolites. Bioorganic and Medicinal Chemistry, 2015, 23, 2344-2352.	1.4	31
14	Expanding the chemical space of hydrophobic pharmacophores: the role of hydrophobic substructures in the development of novel transcription modulators. MedChemComm, 2016, 7, 1082-1092.	3.5	30
15	6-Arylcoumarins as Novel Nonsteroidal Type Progesterone Antagonists: An Example with Receptor-Binding-Dependent Fluorescence. Journal of Medicinal Chemistry, 2011, 54, 7055-7065.	2.9	29
16	Copperâ€Mediated Cï£¿C Crossâ€Coupling Reaction of Monocarbaâ€closoâ€dodecaborate Anion for the Synthesis of Functional Molecules. Angewandte Chemie - International Edition, 2013, 52, 8017-8021.	7.2	29
17	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.	1.4	27
18	Androgen receptor modulators: a review of recent patents and reports (2012-2018). Expert Opinion on Therapeutic Patents, 2019, 29, 439-453.	2.4	26

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19	p-Carborane-based androgen antagonists active in LNCaP cells with a mutated androgen receptor. MedChemComm, 2011, 2, 877.	3.5	25
20	Design and Synthesis of 4-(4-Benzoylaminophenoxy)phenol Derivatives As Androgen Receptor Antagonists. ACS Medicinal Chemistry Letters, 2013, 4, 937-941.	1.3	22
21	Design and synthesis of 4-benzyl-1-(2H)-phthalazinone derivatives as novel androgen receptor antagonists. European Journal of Medicinal Chemistry, 2015, 102, 310-319.	2.6	22
22	Structural development of p-carborane-based potent non-secosteroidal vitamin D analogs. Bioorganic and Medicinal Chemistry, 2014, 22, 5891-5901.	1.4	21
23	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
24	Development of 2-Thioxoquinazoline-4-one Derivatives as Dual and Selective Inhibitors of Dynamin-Related Protein 1 (Drp1) and Puromycin-Sensitive Aminopeptidase (PSA). Chemical and Pharmaceutical Bulletin, 2014, 62, 979-988.	0.6	19
25	Novel vitamin D receptor ligands bearing a spherical hydrophobic core structureâ€”Comparison of bicyclic hydrocarbon derivatives with boron cluster derivatives. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1756-1760.	1.0	17
26	Development of p-carborane-based nonsteroidal progesterone receptor antagonists. Bioorganic and Medicinal Chemistry, 2014, 22, 5329-5337.	1.4	17
27	Synthesis and structureâ€“activity relationship of p-carborane-based non-secosteroidal vitamin D analogs. Bioorganic and Medicinal Chemistry, 2014, 22, 1227-1235.	1.4	17
28	Design and synthesis of novel ROR inverse agonists with a dibenzosilole scaffold as a hydrophobic core structure. Bioorganic and Medicinal Chemistry, 2015, 23, 2982-2988.	1.4	17
29	Fluorescent visualization of the conformational change of aromatic amide or urea induced by N-methylation. Tetrahedron Letters, 2009, 50, 488-491.	0.7	15
30	Development of androgen receptor ligands by application of ten-vertex para-carborane as a novel hydrophobic core structure. MedChemComm, 2012, 3, 680.	3.5	14
31	Novel Nonsteroidal Progesterone Receptor (PR) Antagonists with a Phenanthridinone Skeleton. ACS Medicinal Chemistry Letters, 2018, 9, 641-645.	1.3	14
32	Development of Boron-Cluster-Based Progesterone Receptor Antagonists Bearing a Pentafluorosulfanyl (SF₅) Group. Chemical and Pharmaceutical Bulletin, 2019, 67, 1278-1283.	0.6	14
33	Design and synthesis of silicon-containing fatty acid amide derivatives as novel peroxisome proliferator-activated receptor (PPAR) agonists. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3350-3354.	1.0	13
34	Development of N-(4-Phenoxyphenyl)benzenesulfonamide Derivatives as Novel Nonsteroidal Progesterone Receptor Antagonists. ACS Medicinal Chemistry Letters, 2016, 7, 1028-1033.	1.3	13
35	Development of WNK signaling inhibitors as a new class of antihypertensive drugs. Bioorganic and Medicinal Chemistry, 2017, 25, 3845-3852.	1.4	12
36	Dependence of Estrogenic Activity on the Shape of the 4-Alkyl Substituent in Simple Phenols.. Biological and Pharmaceutical Bulletin, 2000, 23, 259-261.	0.6	11

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37	Efficient and diversity-oriented total synthesis of Riccardin C and application to develop novel macrolactam derivatives. Tetrahedron, 2011, 67, 6073-6082.	1.0	11
38	Lipase-catalyzed asymmetric acylation of boron cluster-containing secondary alcohols. Tetrahedron: Asymmetry, 2014, 25, 1505-1512.	1.8	11
39	Altered activity profile of a tertiary silanol analog of multi-targeting nuclear receptor modulator T0901317. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1817-1820.	1.0	11
40	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.	1.4	11
41	Structural development of tetrachlorophthalimides as liver X receptor Î² (LXRÎ²)-selective agonists with improved aqueous solubility. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 796-801.	1.0	10
42	Design, Synthesis and Biological Evaluation of Novel Nonsteroidal Progesterone Receptor Antagonists Based on Phenylamino-1,3,5-triazine Scaffold. Chemical and Pharmaceutical Bulletin, 2019, 67, 566-575.	0.6	9
43	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
44	Development of novel lithocholic acid derivatives as vitamin D receptor agonists. Bioorganic and Medicinal Chemistry, 2019, 27, 3674-3681.	1.4	8
45	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
46	Structure-activity relationship of novel (benzoylaminophenoxy)phenol derivatives as anti-prostate cancer agents. Bioorganic and Medicinal Chemistry, 2018, 26, 5118-5127.	1.4	7
47	Development of novel silanol-based human pregnane X receptor (PXR) agonists with improved receptor selectivity. Bioorganic and Medicinal Chemistry, 2018, 26, 4493-4501.	1.4	7
48	Structure-property and structureâ€“activity relationships of phenylferrocene derivatives as androgen receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2021, 46, 128141.	1.0	7
49	Synthesis and Structureâ€“Activity Relationship Study of Triazine-Based Inhibitors of the DNA Binding of NF-Î°B. Chemical and Pharmaceutical Bulletin, 2014, 62, 700-708.	0.6	6
50	Development of 1,3-diphenyladamantane derivatives as nonsteroidal progesterone receptor antagonists. Bioorganic and Medicinal Chemistry, 2015, 23, 803-809.	1.4	6
51	Structural development of N-(4-phenoxyphenyl)benzamide derivatives as novel SPAK inhibitors blocking WNK kinase signaling. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127408.	1.0	6
52	Effect of Oxygen Substituent in the Aniline Part of Benzanilide on the Regioselectivity in Direct Arylation Using Palladium-Phosphine Reagents. Heterocycles, 2010, 81, 1881.	0.4	5
53	Development of 6-arylcoumarins as nonsteroidal progesterone antagonists. Structureâ€“activity relationships and fluorescence properties. Bioorganic and Medicinal Chemistry, 2016, 24, 5602-5610.	1.4	5
54	Phosphine boranes as less hydrophobic building blocks than alkanes and silanes: Structure-property relationship and estrogen-receptor-modulating potency of 4-phosphinophenol derivatives. Bioorganic and Medicinal Chemistry, 2020, 28, 115310.	1.4	5

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55	Design and Synthesis of 1,3,5-Triazine Derivatives as Novel Inverse Agonists of Nuclear Retinoic Acid Receptor-Related Orphan Receptor-Î³. Heterocycles, 2017, 95, 547.	0.4	4
56	Development of Androgen-Antagonistic Coumarinamides with a Unique Aromatic Folded Pharmacophore. International Journal of Molecular Sciences, 2020, 21, 5584.	1.8	4
57	Novel Non-steroidal Progesterone Receptor Ligands Based on m-Carborane Containing a Secondary Alcohol: Effect of Chirality on Ligand Activity. Chemical and Pharmaceutical Bulletin, 2017, 65, 1051-1057.	0.6	3
58	Efficient Lead Finding, Activity Enhancement and Preliminary Selectivity Control of Nuclear Receptor Ligands Bearing a Phenanthridinone Skeleton. International Journal of Molecular Sciences, 2018, 19, 2090.	1.8	3
59	A new LC-MS assay for the quantitative analysis of vitamin K metabolites in human urine. Journal of Lipid Research, 2019, 60, 892-899.	2.0	3
60	Design, synthesis and antitumor activity of phthalazine-1,4-dione-based menaquinone analogs. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128065.	1.0	3
61	Medicinal Chemistry of Vitamin K Derivatives and Metabolites. , 2017, , .		2
62	Development of biotin-retinoid conjugates as chemical probes for analysis of retinoid function. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2442-2445.	1.0	2
63	Structural Development of Salicylanilideâ€Based SPAK Inhibitors as Candidate Antihypertensive Agents. ChemMedChem, 2021, 16, 2817-2822.	1.6	1
64	Design, synthesis and structureâ€“activity relationship of 4-(1,1,1,3,3,3-hexafluoro-2-hydroxyisoprop-2-yl)phenylsilane derivatives as liver X receptor agonists. Bioorganic and Medicinal Chemistry, 2022, 66, 116792.	1.4	1
65	Design and Synthesis of Cyclohexenyl-p-carborane Derivatives as a New Class of Progesterone Receptor Antagonists. Heterocycles, 2019, 99, 425.	0.4	0
66	Recent Advances in the Medicinal Chemistry of Vitamin K Derivatives: An Overview (2000â€“2021). Biochemistry, 0, , .	0.8	0
67	Structural Development of Siliconâ€Containing Retinoids: Structureâ€“Activity Relationship Study of the Hydrophobic Pharmacophore of Retinobenzoic Acids Using Silyl Functionalities. ChemMedChem, 2022, 17, .	1.6	0