Chune Dong

List of Publications by Year
in descending order

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54 papers	1,313 citations	331670 21 h-index	395702 33 g-index
60 all docs	60 docs citations	60 times ranked	1407 citing authors

#	Article	IF	Citations
1	Novel Bioactive Hybrid Compound Dual Targeting Estrogen Receptor and Histone Deacetylase for the Treatment of Breast Cancer. Journal of Medicinal Chemistry, 2015, 58, 4550-4572.	6.4	94
2	C₃â€Symmetrical Cinchonineâ€Squaramide as New Highly Efficient, and Recyclable Organocatalyst for Enantioselective Michael Addition. Advanced Synthesis and Catalysis, 2011, 353, 2715-2720.	4.3	82
3	C₃â€Symmetric Cinchonineâ€Squaramideâ€Catalyzed Asymmetric Chlorolactonization of Styreneâ€Type Carboxylic Acids with 1,3â€Dichloroâ€5,5â€dimethylhydantoin: An Efficient Method to Chiral Isochromanâ€1â€ones. Advanced Synthesis and Catalysis, 2014, 356, 1275-1280.	4.3	66
4	Applications of Chiral Squaramides: From Asymmetric Organocatalysis to Biologically Active Compounds. Chemical Record, 2016, 16, 897-906.	5.8	66
5	Catalytic Asymmetric Cyclocarbonylation ofo-Isopropenylphenols:Â Enantioselective Synthesis of Six-Membered Ring Lactones. Journal of Organic Chemistry, 2004, 69, 5011-5014.	3.2	59
6	Enantioselective cyclocarbonylation of 2-vinylanilines to six-membered ring lactams. Tetrahedron: Asymmetry, 2004, 15, 35-40.	1.8	55
7	CeCl3 promoted asymmetric cycloaddition of isocyanates with 2-vinylaziridines. Tetrahedron: Asymmetry, 2004, 15, 1537-1540.	1.8	46
8	Predictive features of ligandâ€specific signaling through the estrogen receptor. Molecular Systems Biology, 2016, 12, 864.	7.2	41
9	Chiral squaramide as multiple H-bond donor organocatalysts for the asymmetric Michael addition of 1,3-dicarbonyl compounds to nitroolefins. Tetrahedron: Asymmetry, 2012, 23, 1550-1556.	1.8	39
10	Highly enantioselective Michael addition of 1,3-dicarbonyl compounds to nitroalkenes catalyzed by designer chiral BINOLâ€“quinineâ€“squaramide: efficient access to optically active nitro-alkanes and their isoxazole derivatives. Tetrahedron: Asymmetry, 2013, 24, 1276-1280.	1.8	38
11	Enhanced efficiency of recyclable C3-symmetric cinchonine-squaramides in the asymmetric Friedelâ€“Crafts reaction of indoles with alkyl trifluoropyruvate. Tetrahedron: Asymmetry, 2012, 23, 1332-1337.	1.8	37
12	Synthesis and SARs of indole-based Î±-amino acids as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. Organic and Biomolecular Chemistry, 2014, 12, 8308-8317.	2.8	36
13	Tunable Bifunctional Phosphineâ€“Squaramide Promoted Moritaâ€“Baylisâ€“Hillman Reaction of Nâ€Alkyl Isatins with Acrylates. Advanced Synthesis and Catalysis, 2015, 357, 2132-2142.	4.3	33
14	Exploring the PROTAC degron candidates: OBHSA with different side chains as novel selective estrogen receptor degraders (SERDs). European Journal of Medicinal Chemistry, 2019, 172, 48-61.	5.5	32
15	Bicyclic core estrogens as full antagonists: synthesis, biological evaluation and structureâ€“activity relationships of estrogen receptor ligands based on bridged oxabicyclic core arylsulfonamides. Organic and Biomolecular Chemistry, 2012, 10, 8692.	2.8	30
16	Novel Hybrid Conjugates with Dual Suppression of Estrogenic and Inflammatory Activities Display Significantly Improved Potency against Breast Cancer. Journal of Medicinal Chemistry, 2018, 61, 8155-8173.	6.4	27
17	Discovery of novel SERMs with a ferrocenyl entity based on the oxabicyclo[2.2.1]heptene scaffold and evaluation of their antiproliferative effects in breast cancer cells. Organic and Biomolecular Chemistry, 2012, 10, 9689.	2.8	26
18	A novel C3-symmetric prolinol-squaramide catalyst for the asymmetric reduction of ketones by borane. Tetrahedron: Asymmetry, 2011, 22, 1640-1643.	1.8	25

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19	A simple and straightforward approach toward selective C=C bond reduction by hydrazine. Canadian Journal of Chemistry, 2012, 90, 758-761.	1.1	25
20	Dual functional small molecule fluorescent probes for image-guided estrogen receptor-specific targeting coupled potent antiproliferative potency for breast cancer therapy. Bioorganic and Medicinal Chemistry, 2017, 25, 3531-3539.	3.0	22
21	Novel bifunctional chiral squaramide-amine catalysts for highly enantioselective addition of mono and diketones to nitroalkenes. Arkivoc, 2011, 2011, 367-380.	0.5	22
22	Highly Regioselective Synthesis of Tetrahydro-2H-1,3-thiazin-2-ones via Rhodium-Catalyzed Carbonylation of N-Alkylisothiazolidines. Organic Letters, 2004, 6, 3489-3492.	4.6	21
23	Facile synthesis of 1,3,4-benzotriazepines and 1-arylamide-1H-indazoles via palladium-catalyzed cyclization of aryl isocyanates and aryl hydrazones under microwave irradiation. Organic and Biomolecular Chemistry, 2010, 8, 4827.	2.8	21
24	An expedient approach to highly enantioenriched cyclic nitrones mediated by robust and recoverable C3-symmetric cinchonine-squaramide catalysts. RSC Advances, 2012, 2, 7501.	3.6	20
25	Synthesis and structureâ€“activity relationships of novel hybrid ferrocenyl compounds based on a bicyclic core skeleton for breast cancer therapy. Bioorganic and Medicinal Chemistry, 2016, 24, 3062-3074.	3.0	20
26	Halolactones are potent HIV-1 non-nucleoside reverse transcriptase inhibitors. RSC Advances, 2015, 5, 10005-10013.	3.6	19
27	Identification and Structureâ€“Activity Relationships of Diarylhydrazides as Novel Potent and Selective Human Enterovirus Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 2139-2150.	6.4	19
28	Selenophenes: Introducing a New Element into the Core of Nonâ€Steroidal Estrogen Receptor Ligands. ChemMedChem, 2017, 12, 235-249.	3.2	19
29	Enantioselective synthesis of novel pyrano[3,2-c]chromene derivatives as AChE inhibitorsviaan organocatalytic domino reaction. Organic and Biomolecular Chemistry, 2018, 16, 472-479.	2.8	19
30	Design, synthesis and biological evaluation of novel dual-acting modulators targeting both estrogen receptor Î± (ERÎ±) and lysine-specific demethylase 1 (LSD1) for treatment of breast cancer. European Journal of Medicinal Chemistry, 2020, 195, 112281.	5.5	19
31	BINOLâ€“quinineâ€“squaramides as efficient organocatalysts for the asymmetric Michael addition of 2-hydroxy-1,4-naphthoquinone to nitroalkenes. Tetrahedron: Asymmetry, 2014, 25, 181-186.	1.8	17
32	A high-affinity subtype-selective fluorescent probe for estrogen receptor Î² imaging in living cells. Chemical Communications, 2018, 54, 3887-3890.	4.1	16
33	Estrogen receptor sensing in living cells by a high affinity turn-on fluorescent probe. Sensors and Actuators B: Chemical, 2018, 272, 589-597.	7.8	15
34	Discovery of Novel Bicyclic Phenylselenyl-Containing Hybrids: An Orally Bioavailable, Potential, and Multiacting Class of Estrogen Receptor Modulators against Endocrine-Resistant Breast Cancer. Journal of Medicinal Chemistry, 2022, 65, 7993-8010.	6.4	15
35	C3-Symmetric cinchonine-squaramide as a recyclable efficient organocatalyst for tandem Michael additionâ€“cyclisation of malononitrile and nitrovinylphenols. Tetrahedron: Asymmetry, 2016, 27, 670-674.	1.8	12
36	Furan-carboxamide derivatives as novel inhibitors of lethal H5N1 influenza A viruses. RSC Advances, 2017, 7, 9620-9627.	3.6	12

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37	Synthesis and structure-activity relationship study of arylsulfonamides as novel potent H5N1 inhibitors. European Journal of Medicinal Chemistry, 2018, 159, 206-216.	5.5	12
38	Novel class of 7-Oxabicyclo[2.2.1]heptene sulfonamides with long alkyl chains displaying improved estrogen receptor Î± degradation activity. European Journal of Medicinal Chemistry, 2019, 182, 111605.	5.5	12
39	A New Pathway for Phthalazine Derivatives via Metalâ€Free Cyclization of orthoâ€Alkynylphenyl Ketones and Hydrazine. Journal of Heterocyclic Chemistry, 2014, 51, 1282-1286.	2.6	11
40	A facile one-pot multi-component synthesis of novel adamantine substituted imidazo[1,2-a]pyridine derivatives: identification and structureâ€“activity relationship study of their anti-HIV-1 activity. RSC Advances, 2016, 6, 95177-95188.	3.6	11
41	Recyclable BINOLâ€“quinineâ€“squaramide as a highly efficient organocatalyst for Î±-amination of 1,3-dicarbonyl compounds and Î±-cyanoacetates. RSC Advances, 2015, 5, 24392-24398.	3.6	10
42	Rational design and optimization of selenophenes with basic side chains as novel potent selective estrogen receptor modulators (SERMs) for breast cancer therapy. MedChemComm, 2017, 8, 1485-1497.	3.4	10
43	Discovery of Aryl Benzoyl Hydrazide Derivatives as Novel Potent Broad-Spectrum Inhibitors of Influenza A Virus RNA-Dependent RNA Polymerase (RdRp). Journal of Medicinal Chemistry, 2022, 65, 3814-3832.	6.4	10
44	Estrogen receptor Î²-targeted hypoxia-responsive near-infrared fluorescence probes for prostate cancer study. European Journal of Medicinal Chemistry, 2022, 238, 114506.	5.5	9
45	One-pot to fused pyrazoles by a double cyclization of o-alkynylaldehydes with ketones and hydrazine under metal-free condition. Tetrahedron, 2014, 70, 3782-3787.	1.9	8
46	Synthesis of Phenylselanylisochroman-1-ones through Highly Selective Selenolactonization of Styrene-Typed Carboxylic Acids. Heterocycles, 2015, 91, 1628.	0.7	8
47	One-step pathway to selenoisobenzofuran-1(3H)-imine derivatives through highly selective selenocyclization of olefinic amides with benzeneselenyl chloride. Organic and Biomolecular Chemistry, 2018, 16, 2150-2155.	2.8	8
48	Design and synthesis of heteroaromatic-based benzenesulfonamide derivatives as potent inhibitors of H5N1 influenza A virus. MedChemComm, 2019, 10, 89-100.	3.4	8
49	Construction of benzofuranone library via a metal-free, one-pot intermolecular condensation, and their application as efficient estrogen receptor Î² modulators. Chemical Communications, 2019, 55, 14570-14573.	4.1	8
50	Estrogen Receptor Î²-Targeted Near-Infrared Inherently Fluorescent Probe: A Potent Tool for Estrogen Receptor Î² Research. ACS Sensors, 2022, 7, 109-115.	7.8	8
51	Rational design of ERÎ± targeting hypoxia turn-on fluorescent probes with antiproliferative activity for breast cancer. Chemical Communications, 2020, 56, 10493-10496.	4.1	6
52	Establishment of evaluation criteria for the development of high quality ERÎ±-targeted fluorescent probes. Analyst, The, 2020, 145, 5989-5995.	3.5	4
53	Discovery of aminothiazole derivatives as novel human enterovirus A71 capsid protein inhibitors. Bioorganic Chemistry, 2022, 122, 105683.	4.1	4
54	Enantioselective Chlorocyclization of Olefinic Amides with 1,3-Dichloro- 5, 5-Dimethylhydantoin (DCDMH) Catalyzed by (DHQD)2PHAL. Wuhan University Journal of Natural Sciences, 2018, 23, 259-264.	0.4	1