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	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
2	Discovery of aminothiazole derivatives as novel human enterovirus A71 capsid protein inhibitors. Bioorganic Chemistry, 2022, 122, 105683.	4.1	4
3	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
4	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
5	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
6	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
7	Establishment of evaluation criteria for the development of high quality ERÎ±-targeted fluorescent probes. Analyst, The, 2020, 145, 5989-5995.	3.5	4
8	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
9	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
10	Design and synthesis of heteroaromatic-based benzenesulfonamide derivatives as potent inhibitors of H5N1 influenza A virus. MedChemComm, 2019, 10, 89-100.	3.4	8
11	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
12	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
13	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
14	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
15	A high-affinity subtype-selective fluorescent probe for estrogen receptor Î² imaging in living cells. Chemical Communications, 2018, 54, 3887-3890.	4.1	16
16	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
17	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
18	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

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19	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
20	Furan-carboxamide derivatives as novel inhibitors of lethal H5N1 influenza A viruses. RSC Advances, 2017, 7, 9620-9627.	3.6	12
21	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
22	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
23	Selenophenes: Introducing a New Element into the Core of Nonâ€Steroidal Estrogen Receptor Ligands. ChemMedChem, 2017, 12, 235-249.	3.2	19
24	Applications of Chiral Squaramides: From Asymmetric Organocatalysis to Biologically Active Compounds. Chemical Record, 2016, 16, 897-906.	5.8	66
25	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
26	Predictive features of ligandâ€specific signaling through the estrogen receptor. Molecular Systems Biology, 2016, 12, 864.	7.2	41
27	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
28	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
29	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
30	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
31	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
32	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
33	Synthesis of Phenylselanylisochroman-1-ones through Highly Selective Selenolactonization of Styrene-Typed Carboxylic Acids. Heterocycles, 2015, 91, 1628.	0.7	8
34	Halolactones are potent HIV-1 non-nucleoside reverse transcriptase inhibitors. RSC Advances, 2015, 5, 10005-10013.	3.6	19
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	A simple and straightforward approach toward selective C=C bond reduction by hydrazine. Canadian Journal of Chemistry, 2012, 90, 758-761.	1.1	25
45	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
46	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
47	A novel C3-symmetric prolinol-squaramide catalyst for the asymmetric reduction of ketones by borane. Tetrahedron: Asymmetry, 2011, 22, 1640-1643.	1.8	25
48	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
49	Novel bifunctional chiral squaramide-amine catalysts for highly enantioselective addition of mono and diketones to nitroalkenes. Arkivoc, 2011, 2011, 367-380.	0.5	22
50	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
51	Enantioselective cyclocarbonylation of 2-vinylanilines to six-membered ring lactams. Tetrahedron: Asymmetry, 2004, 15, 35-40.	1.8	55
52	CeCl3 promoted asymmetric cycloaddition of isocyanates with 2-vinylaziridines. Tetrahedron: Asymmetry, 2004, 15, 1537-1540.	1.8	46
53	Catalytic Asymmetric Cyclocarbonylation ofo-Isopropenylphenols:Â Enantioselective Synthesis of Six-Membered Ring Lactones. Journal of Organic Chemistry, 2004, 69, 5011-5014.	3.2	59
54	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