Hong C Shen

List of Publications by Year
in descending order

84 papers	3,250 citations	136950 32 h-index	168389 53 g-index
85 all docs	85 docs citations	85 times ranked	3823 citing authors

#	Article	IF	Citations
1	Intramolecular Nâ€“Me and Nâ€“H aminoetherification for the synthesis ofN-unprotected 3-amino-O-heterocycles. Organic and Biomolecular Chemistry, 2021, 19, 557-560.	2.8	8
2	Efficient synthesis of perfluoroalkylated quinolines via a metal-free cascade Michael addition/intramolecular rearrangement cyclization process. Tetrahedron, 2020, 76, 131518.	1.9	10
3	Discovery of Pyrido[2,3-b]indole Derivatives with Gram-Negative Activity Targeting Both DNA Gyrase and Topoisomerase IV. Journal of Medicinal Chemistry, 2020, 63, 9623-9649.	6.4	38
4	Discovery of 3-Pyridyl Isoindolin-1-one Derivatives as Potent, Selective, and Orally Active Aldosterone Synthase (CYP11B2) Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 6876-6897.	6.4	14
5	Synthesis of NHâ€Sulfoximines by Using Recyclable Hypervalent Iodine(III) Reagents under Aqueous Micellar Conditions. ChemSusChem, 2020, 13, 922-928.	6.8	22
6	Which cancer type has the highest risk of COVID-19 infection?. Journal of Infection, 2020, 81, 647-679.	3.3	80
7	Fluorofenidone affects hepatic stellate cell activation in hepatic fibrosis by targeting the TGFâ€Î²1/Smad and MAPK signaling pathways. Experimental and Therapeutic Medicine, 2019, 18, 41-48.	1.8	11
8	A New Approach of Mitigating CYP3A4 Induction Led to the Discovery of Potent Hepatitis B Virus (HBV) Capsid Inhibitor with Optimal ADMET Profiles. Journal of Medicinal Chemistry, 2019, 62, 10352-10361.	6.4	6
9	De novo synthesis, structural assignment and biological evaluation of pseudopaline, a metallophore produced by Pseudomonas aeruginosa. Chemical Science, 2019, 10, 6635-6641.	7.4	22
10	Discovery of Ziresovir as a Potent, Selective, and Orally Bioavailable Respiratory Syncytial Virus Fusion Protein Inhibitor. Journal of Medicinal Chemistry, 2019, 62, 6003-6014.	6.4	39
11	Discovery of (aza)indole derivatives as novel respiratory syncytial virus fusion inhibitors. MedChemComm, 2019, 10, 970-973.	3.4	1
12	Facile synthesis of fluoroalkylated quinolones using fluoroalk-2-ynoates as fluorinated building blocks. Journal of Fluorine Chemistry, 2019, 220, 54-60.	1.7	9
13	Efficient cyclopropanation of aryl/heteroaryl acetates and acetonitriles with vinyl diphenyl sulfonium triflate. Tetrahedron Letters, 2018, 59, 1443-1445.	1.4	5
14	Discovery of Small Molecule Therapeutics for Treatment of Chronic HBV Infection. ACS Infectious Diseases, 2018, 4, 257-277.	3.8	44
15	Palladium-Catalyzed Difluoromethylation of Aryl Chlorides and Triflates and Its Applications in the Preparation of Difluoromethylated Derivatives of Drug/Agrochemical Molecules. Journal of Organic Chemistry, 2018, 83, 1077-1083.	3.2	35
16	Efficient Synthesis of Fluoroalkylated Imidazoles via a Metalâ€Free Cascade Michael Addition/Azidation/Cycloamination Process. European Journal of Organic Chemistry, 2018, 2018, 6758-6763.	2.4	12
17	Discovery of RG7834: The First-in-Class Selective and Orally Available Small Molecule Hepatitis B Virus Expression Inhibitor with Novel Mechanism of Action. Journal of Medicinal Chemistry, 2018, 61, 10619-10634.	6.4	49
18	Discovery of Benzoazepinequinoline (BAQ) Derivatives as Novel, Potent, Orally Bioavailable Respiratory Syncytial Virus Fusion Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 10228-10241.	6.4	27

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19	Highly Chemo- and Regioselective Vinylation of N-Heteroarenes with Vinylsulfonium Salts. Journal of Organic Chemistry, 2018, 83, 8627-8635.	3.2	19
20	Potassium Iodide-Promoted One-Pot Synthesis of Fluoroalkylated Quinoxalines via a Tandem Michael Addition/Azidation/Cycloamination Approach. Journal of Organic Chemistry, 2018, 83, 9422-9429.	3.2	12
21	Zinc triflate-mediated cyclopropanation of oxindoles with vinyl diphenyl sulfonium triflate: a mild reaction with broad functional group compatibility. RSC Advances, 2017, 7, 3741-3745.	3.6	31
22	Heteroaryldihydropyrimidine (HAP) and Sulfamoylbenzamide (SBA) Inhibit Hepatitis B Virus Replication by Different Molecular Mechanisms. Scientific Reports, 2017, 7, 42374.	3.3	103
23	Synthesis of Bridged Bicyclic Morpholine Amino Acids as Compact Modules for Medicinal Chemistry. Chemistry Letters, 2017, 46, 566-568.	1.3	3
24	Discovery and Pre-Clinical Characterization of Third-Generation 4-H Heteroaryldihydropyrimidine (HAP) Analogues as Hepatitis B Virus (HBV) Capsid Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 3352-3371.	6.4	46
25	Eatonâ€™s reagent-mediated metal-free and efficient synthesis of NH-sulfoximines. Tetrahedron Letters, 2017, 58, 333-337.	1.4	11
26	Discovery of methylsulfonyl indazoles as potent and orally active respiratory syncytial Virus(RSV) fusion inhibitors. European Journal of Medicinal Chemistry, 2017, 138, 1147-1157.	5.5	16
27	Câ€“H Bond Functionalization of Tetrahydropyridopyrimidines and Other Related Hetereocycles. Journal of Organic Chemistry, 2017, 82, 13678-13685.	3.2	7
28	Efficient synthesis of functionalized chromones via a two-base mediated formal [3+3] cycloaddition. Tetrahedron Letters, 2016, 57, 2116-2120.	1.4	10
29	Discovery of Piperazinylquinoline Derivatives as Novel Respiratory Syncytial Virus Fusion Inhibitors. ACS Medicinal Chemistry Letters, 2016, 7, 558-562.	2.8	29
30	Design and Synthesis of Orally Bioavailable 4-Methyl Heteroaryldihydropyrimidine Based Hepatitis B Virus (HBV) Capsid Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 7651-7666.	6.4	59
31	Discovery of Fluoromethylketone-Based Peptidomimetics as Covalent ATG4B (Autophagin-1) Inhibitors. ACS Medicinal Chemistry Letters, 2016, 7, 802-806.	2.8	54
32	Habitat-specific differences in adaptation to light in freshwater diatoms. Journal of Applied Phycology, 2016, 28, 227-239.	2.8	11
33	Alternative tandem cyclisation pathways in the reaction between imines and enones. Tetrahedron, 2016, 72, 1105-1113.	1.9	3
34	Synthesis of novel and conformationally constrained bridged amino acids as compact modules for drug discovery. Tetrahedron Letters, 2016, 57, 599-602.	1.4	6
35	Discovery of Benzimidazole Oxazolidinediones as Novel and Selective Nonsteroidal Mineralocorticoid Receptor Antagonists. ACS Medicinal Chemistry Letters, 2015, 6, 461-465.	2.8	14
36	Discovery of Imidazopyridine Derivatives as Highly Potent Respiratory Syncytial Virus Fusion Inhibitors. ACS Medicinal Chemistry Letters, 2015, 6, 359-362.	2.8	73

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37	Asymmetric Synthesis and Application of Homologous Pyrrolineâ€2â€alkylboronic Acids: Identification of the Bâ€“N Distance for Eliciting Bifunctional Catalysis of an Asymmetric Aldol Reaction.. Asian Journal of Organic Chemistry, 2014, 3, 470-479.	2.7	11
38	Structure-Based Design and Synthesis of Potent Cyclic Peptides Inhibiting the YAPâ€“TEAD Proteinâ€“Protein Interaction. ACS Medicinal Chemistry Letters, 2014, 5, 993-998.	2.8	130
39	Dissolved organic carbon and relationship with bacterioplankton community composition in 3 lake regions of Lake Taihu, China. Canadian Journal of Microbiology, 2014, 60, 669-680.	1.7	11
40	Mineralocorticoid receptor antagonists: Identification of heterocyclic amide replacements in the oxazolidinedione series. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1681-1684.	2.2	23
41	Discovery of novel oxazolidinedione derivatives as potent and selective mineralocorticoid receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4388-4392.	2.2	14
42	Novel Therapeutics in Discovery and Development for Treatment of Chronic HBV Infection. Annual Reports in Medicinal Chemistry, 2013, 48, 265-281.	0.9	7
43	Gold-catalyzed formation of heterocycles â€“ an enabling new technology for medicinal chemistry. Drug Discovery Today: Technologies, 2013, 10, e3-e14.	4.0	22
44	One-pot synthesis of useful heterocycles in medicinal chemistry using a cascade strategy. Green Chemistry, 2012, 14, 580.	9.0	27
45	Discovery of Inhibitors of Soluble Epoxide Hydrolase: A Target with Multiple Potential Therapeutic Indications. Journal of Medicinal Chemistry, 2012, 55, 1789-1808.	6.4	199
46	The discovery of non-benzimidazole and brain-penetrant prolylcarboxypeptidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 658-665.	2.2	15
47	Discovery of benzodihydroisofurans as novel, potent, bioavailable and brain-penetrant prolylcarboxypeptidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1550-1556.	2.2	7
48	Discovery of benzimidazole pyrrolidinyl amides as prolylcarboxypeptidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1299-1305.	2.2	19
49	Discovery of a Biaryl Cyclohexene Carboxylic Acid (MK-6892): A Potent and Selective High Affinity Niacin Receptor Full Agonist with Reduced Flushing Profiles in Animals as a Preclinical Candidate. Journal of Medicinal Chemistry, 2010, 53, 2666-2670.	6.4	45
50	Discovery of pyrazolyl propionyl cyclohexenamide derivatives as full agonists for the high affinity niacin receptor GPR109A. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3372-3375.	2.2	11
51	High-Affinity Niacin Receptor GPR109A Agonists. Annual Reports in Medicinal Chemistry, 2010, 45, 72-94.	0.9	14
52	Soluble epoxide hydrolase inhibitors: a patent review. Expert Opinion on Therapeutic Patents, 2010, 20, 941-956.	5.0	71
53	The morphometrical analysis on the ultrastructure of A549 cells. Romanian Journal of Morphology and Embryology, 2010, 51, 663-7.	0.8	32
54	Acyl hydroxypyrazoles as novel agonists for high-affinity nicotinic acid receptor GPR109A: WO2008051403. Expert Opinion on Therapeutic Patents, 2009, 19, 1149-1155.	5.0	7

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55	Expression of thyroid transcription factor-1 (TTF-1) in lung carcinomas and its correlations with apoptosis and angiogenesis. Chinese Journal of Clinical Oncology, 2009, 6, 16-20.	0.0	1
56	Synthesis and biological evaluation of platensimycin analogs. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1623-1627.	2.2	53
57	Discovery of spirocyclic secondary amine-derived tertiary ureas as highly potent, selective and bioavailable soluble epoxide hydrolase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3398-3404.	2.2	41
58	Discovery of 3,3-disubstituted piperidine-derived trisubstituted ureas as highly potent soluble epoxide hydrolase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5314-5320.	2.2	24
59	A strategy of employing aminoheterocycles as amide mimics to identify novel, potent and bioavailable soluble epoxide hydrolase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5716-5721.	2.2	32
60	Palladium-Catalyzed Suzukiâ^'Miyaura Coupling of Pyridyl-2-boronic Esters with Aryl Halides Using Highly Active and Air-Stable Phosphine Chloride and Oxide Ligands. Organic Letters, 2009, 11, 381-384.	4.6	119
61	Novel patent publications on high-affinity nicotinic acid receptor agonists. Expert Opinion on Therapeutic Patents, 2009, 19, 957-967.	5.0	25
62	Discovery of a Highly Potent, Selective, and Bioavailable Soluble Epoxide Hydrolase Inhibitor with Excellent Ex Vivo Target Engagement. Journal of Medicinal Chemistry, 2009, 52, 5009-5012.	6.4	42
63	Discovery of Novel Tricyclic Full Agonists for the G-Protein-Coupled Niacin Receptor 109A with Minimized Flushing in Rats. Journal of Medicinal Chemistry, 2009, 52, 2587-2602.	6.4	62
64	Tetrahydro anthranilic acid as a surrogate for anthranilic acid: Application to the discovery of potent niacin receptor agonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3163-3167.	2.2	29
65	Discovery of pyrazolopyrimidines as the first class of allosteric agonists for the high affinity nicotinic acid receptor GPR109A. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4948-4951.	2.2	20
66	Discovery of Biaryl Anthranilides as Full Agonists for the High Affinity Niacin Receptor. Journal of Medicinal Chemistry, 2007, 50, 6303-6306.	6.4	35
67	Gold(I)-Catalyzed Regioselective Cyclizations of Silyl Ketene Amides and Carbamates with Alkynes. Journal of Organic Chemistry, 2007, 72, 6287-6289.	3.2	81
68	Discovery of orally bioavailable and novel urea agonists of the high affinity niacin receptor GPR109A. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6723-6728.	2.2	18
69	Î±-Heteroarylation of Esters, Lactones, Amides, and Lactams by Nucleophilic Aromatic Substitution. Organic Letters, 2006, 8, 1447-1450.	4.6	23
70	Syntheses of Seven-Membered Rings: Ruthenium-Catalyzed Intramolecular [5+2] Cycloadditions. Chemistry - A European Journal, 2005, 11, 2577-2590.	3.3	126
71	Biomimetic Enantioselective Total Synthesis of (â^')-Siccanin via the Pd-Catalyzed Asymmetric Allylic Alkylation (AAA) and Sequential Radical Cyclizations. Journal of the American Chemical Society, 2004, 126, 12565-12579.	13.7	99
72	Synthesis of Chiral Chromans by the Pd-Catalyzed Asymmetric Allylic Alkylation (AAA):Â Scope, Mechanism, and Applications. Journal of the American Chemical Society, 2004, 126, 11966-11983.	13.7	169

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73	Gene expression and mucosal immune responses after vaginal DNA immunization in mice using a controlled delivery matrix. Journal of Controlled Release, 2003, 86, 339-348.	9.9	48
74	A Formal [3 + 3] Cycloaddition Reaction. Improved Reactivity Using Î±,Î²-Unsaturated Iminium Salts and Evidence for Reversibility of 6Ï€-Electron Electrocyclic Ring Closure of 1-Oxatrienes. Journal of Organic Chemistry, 2003, 68, 1729-1735.	3.2	77
75	On the Diastereoselectivity of Ru-Catalyzed [5 + 2] Cycloadditions. Organic Letters, 2003, 5, 4149-4151.	4.6	48
76	Unusual Effects in the Pd-Catalyzed Asymmetric Allylic Alkylations:Â Synthesis of Chiral Chromans. Journal of the American Chemical Society, 2003, 125, 9276-9277.	13.7	122
77	A Synthesis of Trisubstituted Alkenes by a Ru-Catalyzed Addition. Chemistry - A European Journal, 2002, 8, 2341.	3.3	40
78	Stereoselectivetrans-andcis-Dihydroxylations of 2H-Pyranyl and Dihydropyridinyl Heterocycles Synthesized from Formal [3 + 3]-Cycloaddition Reactions of Î±,Î²-Unsaturated Iminium Ions with 1,3-Dicarbonyl Equivalentsâ€. Organic Letters, 2001, 3, 2141-2144.	4.6	32
79	Chiral cycloalkylidene Î±,Î²-unsaturated iminium approach to stereoselective formal [3+3] cycloaddition reaction in spiroheterocycle synthesis. Tetrahedron Letters, 2001, 42, 609-613.	1.4	27
80	Constructing Tricyclic Compounds Containing a Seven-Membered Ring by Ruthenium-Catalyzed Intramolecular. Angewandte Chemie - International Edition, 2001, 40, 2313-2316.	13.8	8
81	On the Regioselectivity of the Ru-Catalyzed Intramolecular [5 + 2] Cycloaddition. Organic Letters, 2000, 2, 2523-2525.	4.6	78
82	Synthesis and UV Studies of A Small Library of 6-Aryl-4-hydroxy-2-pyrones. A Relevant Structural Feature for the Inhibitory Property of Arisugacin Against Acetylcholinesterase. Tetrahedron, 1999, 55, 13683-13696.	1.9	57
83	Synthesis of dihydroxanthone derivatives and evaluation of their inhibitory activity against acetylcholinesterase: Unique structural analogs of tacrine based on the BCD-ring of arisugacin. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 973-978.	2.2	21
84	Sequential 1,2-Additionâ^'Electrocyclic Ring Closures Involving Acyclic Î±,Î²-Unsaturated Iminiums:Â A Formal [3 + 3] Cycloaddition Strategy to Unique Pyranyl Spirocycles. Journal of Organic Chemistry, 1999, 64, 690-691.	3.2	89