

Hong C Shen

List of Publications by Year in descending order

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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	Discovery of Inhibitors of Soluble Epoxide Hydrolase: A Target with Multiple Potential Therapeutic Indications. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1789-1808.	6.4	199
2	Synthesis of Chiral Chromans by the Pd-Catalyzed Asymmetric Allylic Alkylation (AAA): Scope, Mechanism, and Applications. <i>Journal of the American Chemical Society</i> , 2004, 126, 11966-11983.	13.7	169
3	Structure-Based Design and Synthesis of Potent Cyclic Peptides Inhibiting the YAP-Protein Interaction. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 993-998.	2.8	130
4	Syntheses of Seven-Membered Rings: Ruthenium-Catalyzed Intramolecular [5+2] Cycloadditions. <i>Chemistry - A European Journal</i> , 2005, 11, 2577-2590.	3.3	126
5	Unusual Effects in the Pd-Catalyzed Asymmetric Allylic Alkylations: Synthesis of Chiral Chromans. <i>Journal of the American Chemical Society</i> , 2003, 125, 9276-9277.	13.7	122
6	Palladium-Catalyzed Suzuki-Miyaura Coupling of Pyridyl-2-boronic Esters with Aryl Halides Using Highly Active and Air-Stable Phosphine Chloride and Oxide Ligands. <i>Organic Letters</i> , 2009, 11, 381-384.	4.6	119
7	Heteroaryldihydropyrimidine (HAP) and Sulfamoylbenzamide (SBA) Inhibit Hepatitis B Virus Replication by Different Molecular Mechanisms. <i>Scientific Reports</i> , 2017, 7, 42374.	3.3	103
8	Biomimetic Enantioselective Total Synthesis of (-)-Siccanin via the Pd-Catalyzed Asymmetric Allylic Alkylation (AAA) and Sequential Radical Cyclizations. <i>Journal of the American Chemical Society</i> , 2004, 126, 12565-12579.	13.7	99
9	Sequential 1,2-Addition-Electrocyclic Ring Closures Involving Acyclic β,β' -Unsaturated Iminiums: A Formal [3 + 3] Cycloaddition Strategy to Unique Pyranil Spirocycles. <i>Journal of Organic Chemistry</i> , 1999, 64, 690-691.	3.2	89
10	Gold(I)-Catalyzed Regioselective Cyclizations of Silyl Ketene Amides and Carbamates with Alkynes. <i>Journal of Organic Chemistry</i> , 2007, 72, 6287-6289.	3.2	81
11	Which cancer type has the highest risk of COVID-19 infection?. <i>Journal of Infection</i> , 2020, 81, 647-679.	3.3	80
12	On the Regioselectivity of the Ru-Catalyzed Intramolecular [5 + 2] Cycloaddition. <i>Organic Letters</i> , 2000, 2, 2523-2525.	4.6	78
13	A Formal [3 + 3] Cycloaddition Reaction. Improved Reactivity Using β,β' -Unsaturated Iminium Salts and Evidence for Reversibility of 6 π -Electron Electrocyclic Ring Closure of 1-Oxatrienes. <i>Journal of Organic Chemistry</i> , 2003, 68, 1729-1735.	3.2	77
14	Discovery of Imidazopyridine Derivatives as Highly Potent Respiratory Syncytial Virus Fusion Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 359-362.	2.8	73
15	Soluble epoxide hydrolase inhibitors: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 941-956.	5.0	71
16	Discovery of Novel Tricyclic Full Agonists for the G-Protein-Coupled Niacin Receptor 109A with Minimized Flushing in Rats. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2587-2602.	6.4	62
17	Design and Synthesis of Orally Bioavailable 4-Methyl Heteroaryldihydropyrimidine Based Hepatitis B Virus (HBV) Capsid Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7651-7666.	6.4	59
18	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. <i>Tetrahedron</i> , 1999, 55, 13683-13696.	1.9	57

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19	Discovery of Fluoromethylketone-Based Peptidomimetics as Covalent ATG4B (Autophagin-1) Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 802-806.	2.8	54
20	Synthesis and biological evaluation of platensimycin analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1623-1627.	2.2	53
21	Discovery of RG7834: The First-in-Class Selective and Orally Available Small Molecule Hepatitis B Virus Expression Inhibitor with Novel Mechanism of Action. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10619-10634.	6.4	49
22	Gene expression and mucosal immune responses after vaginal DNA immunization in mice using a controlled delivery matrix. <i>Journal of Controlled Release</i> , 2003, 86, 339-348.	9.9	48
23	On the Diastereoselectivity of Ru-Catalyzed [5 + 2] Cycloadditions. <i>Organic Letters</i> , 2003, 5, 4149-4151.	4.6	48
24	Discovery and Pre-Clinical Characterization of Third-Generation 4-H Heteroaryldihydropyrimidine (HAP) Analogues as Hepatitis B Virus (HBV) Capsid Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3352-3371.	6.4	46
25	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. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2666-2670.	6.4	45
26	Discovery of Small Molecule Therapeutics for Treatment of Chronic HBV Infection. <i>ACS Infectious Diseases</i> , 2018, 4, 257-277.	3.8	44
27	Discovery of a Highly Potent, Selective, and Bioavailable Soluble Epoxide Hydrolase Inhibitor with Excellent Ex Vivo Target Engagement. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5009-5012.	6.4	42
28	Discovery of spirocyclic secondary amine-derived tertiary ureas as highly potent, selective and bioavailable soluble epoxide hydrolase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3398-3404.	2.2	41
29	A Synthesis of Trisubstituted Alkenes by a Ru-Catalyzed Addition. <i>Chemistry - A European Journal</i> , 2002, 8, 2341.	3.3	40
30	Discovery of Ziresovir as a Potent, Selective, and Orally Bioavailable Respiratory Syncytial Virus Fusion Protein Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6003-6014.	6.4	39
31	Discovery of Pyrido[2,3- <i>b</i>]indole Derivatives with Gram-Negative Activity Targeting Both DNA Gyrase and Topoisomerase IV. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9623-9649.	6.4	38
32	Discovery of Biaryl Anthranilides as Full Agonists for the High Affinity Niacin Receptor. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6303-6306.	6.4	35
33	Palladium-Catalyzed Difluoromethylation of Aryl Chlorides and Triflates and Its Applications in the Preparation of Difluoromethylated Derivatives of Drug/Agrochemical Molecules. <i>Journal of Organic Chemistry</i> , 2018, 83, 1077-1083.	3.2	35
34	Stereoselective trans- and cis-Dihydroxylations of 2H-Pyranil and Dihydropyridinyl Heterocycles Synthesized from Formal [3 + 3]-Cycloaddition Reactions of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Iminium Ions with 1,3-Dicarbonyl Equivalents. <i>Organic Letters</i> , 2001, 3, 2141-2144.	4.6	32
35	A strategy of employing aminoheterocycles as amide mimics to identify novel, potent and bioavailable soluble epoxide hydrolase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5716-5721.	2.2	32
36	The morphometrical analysis on the ultrastructure of A549 cells. <i>Romanian Journal of Morphology and Embryology</i> , 2010, 51, 663-7.	0.8	32

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37	Zinc triflate-mediated cyclopropanation of oxindoles with vinyl diphenyl sulfonium triflate: a mild reaction with broad functional group compatibility. <i>RSC Advances</i> , 2017, 7, 3741-3745.	3.6	31
38	Tetrahydro anthranilic acid as a surrogate for anthranilic acid: Application to the discovery of potent niacin receptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3163-3167.	2.2	29
39	Discovery of Piperazinylquinoline Derivatives as Novel Respiratory Syncytial Virus Fusion Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 558-562.	2.8	29
40	Chiral cycloalkylidene $\hat{1}\pm, \hat{1}^2$ -unsaturated iminium approach to stereoselective formal [3+3] cycloaddition reaction in spiroheterocycle synthesis. <i>Tetrahedron Letters</i> , 2001, 42, 609-613.	1.4	27
41	One-pot synthesis of useful heterocycles in medicinal chemistry using a cascade strategy. <i>Green Chemistry</i> , 2012, 14, 580.	9.0	27
42	Discovery of Benzoazepinequinoline (BAQ) Derivatives as Novel, Potent, Orally Bioavailable Respiratory Syncytial Virus Fusion Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10228-10241.	6.4	27
43	Novel patent publications on high-affinity nicotinic acid receptor agonists. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 957-967.	5.0	25
44	Discovery of 3,3-disubstituted piperidine-derived trisubstituted ureas as highly potent soluble epoxide hydrolase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5314-5320.	2.2	24
45	$\hat{1}\pm$ -Heteroarylation of Esters, Lactones, Amides, and Lactams by Nucleophilic Aromatic Substitution. <i>Organic Letters</i> , 2006, 8, 1447-1450.	4.6	23
46	Mineralocorticoid receptor antagonists: Identification of heterocyclic amide replacements in the oxazolinedione series. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1681-1684.	2.2	23
47	Gold-catalyzed formation of heterocycles – an enabling new technology for medicinal chemistry. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e3-e14.	4.0	22
48	<i>De novo</i> synthesis, structural assignment and biological evaluation of pseudopaline, a metallophore produced by <i>Pseudomonas aeruginosa</i> . <i>Chemical Science</i> , 2019, 10, 6635-6641.	7.4	22
49	Synthesis of NH-Sulfoximines by Using Recyclable Hypervalent Iodine(III) Reagents under Aqueous Micellar Conditions. <i>ChemSusChem</i> , 2020, 13, 922-928.	6.8	22
50	Synthesis of dihydroxanthone derivatives and evaluation of their inhibitory activity against acetylcholinesterase: Unique structural analogs of tacrine based on the BCD-ring of arisugacin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 973-978.	2.2	21
51	Discovery of pyrazolopyrimidines as the first class of allosteric agonists for the high affinity nicotinic acid receptor GPR109A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4948-4951.	2.2	20
52	Discovery of benzimidazole pyrrolidinyl amides as prolylcarboxypeptidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1299-1305.	2.2	19
53	Highly Chemo- and Regioselective Vinylation of <i>N</i> -Heteroarenes with Vinylsulfonium Salts. <i>Journal of Organic Chemistry</i> , 2018, 83, 8627-8635.	3.2	19
54	Discovery of orally bioavailable and novel urea agonists of the high affinity niacin receptor GPR109A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6723-6728.	2.2	18

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55	Discovery of methylsulfonyl indazoles as potent and orally active respiratory syncytial Virus(RSV) fusion inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 1147-1157.	5.5	16
56	The discovery of non-benzimidazole and brain-penetrant prolylcarboxypeptidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 658-665.	2.2	15
57	High-Affinity Niacin Receptor GPR109A Agonists. <i>Annual Reports in Medicinal Chemistry</i> , 2010, 45, 72-94.	0.9	14
58	Discovery of novel oxazolidinedione derivatives as potent and selective mineralocorticoid receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4388-4392.	2.2	14
59	Discovery of Benzimidazole Oxazolidinediones as Novel and Selective Nonsteroidal Mineralocorticoid Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 461-465.	2.8	14
60	Discovery of 3-Pyridyl Isoindolin-1-one Derivatives as Potent, Selective, and Orally Active Aldosterone Synthase (CYP11B2) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6876-6897.	6.4	14
61	Efficient Synthesis of Fluoroalkylated Imidazoles via a Metal-Free Cascade Michael Addition/Azidation/Cycloamination Process. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6758-6763.	2.4	12
62	Potassium Iodide-Promoted One-Pot Synthesis of Fluoroalkylated Quinoxalines via a Tandem Michael Addition/Azidation/Cycloamination Approach. <i>Journal of Organic Chemistry</i> , 2018, 83, 9422-9429.	3.2	12
63	Discovery of pyrazolyl propionyl cyclohexenamide derivatives as full agonists for the high affinity niacin receptor GPR109A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3372-3375.	2.2	11
64	Asymmetric Synthesis and Application of Homologous Pyrroline-2-Calkylboronic Acids: Identification of the B-N Distance for Eliciting Bifunctional Catalysis of an Asymmetric Aldol Reaction.. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 470-479.	2.7	11
65	Dissolved organic carbon and relationship with bacterioplankton community composition in 3 lake regions of Lake Taihu, China. <i>Canadian Journal of Microbiology</i> , 2014, 60, 669-680.	1.7	11
66	Habitat-specific differences in adaptation to light in freshwater diatoms. <i>Journal of Applied Phycology</i> , 2016, 28, 227-239.	2.8	11
67	Eaton's reagent-mediated metal-free and efficient synthesis of NH-sulfoximines. <i>Tetrahedron Letters</i> , 2017, 58, 333-337.	1.4	11
68	Fluorofenidone affects hepatic stellate cell activation in hepatic fibrosis by targeting the TGF- β 1/Smad and MAPK signaling pathways. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 41-48.	1.8	11
69	Efficient synthesis of functionalized chromones via a two-base mediated formal [3+3] cycloaddition. <i>Tetrahedron Letters</i> , 2016, 57, 2116-2120.	1.4	10
70	Efficient synthesis of perfluoroalkylated quinolines via a metal-free cascade Michael addition/intramolecular rearrangement cyclization process. <i>Tetrahedron</i> , 2020, 76, 131518.	1.9	10
71	Facile synthesis of fluoroalkylated quinolones using fluoroalk-2-ynoates as fluorinated building blocks. <i>Journal of Fluorine Chemistry</i> , 2019, 220, 54-60.	1.7	9
72	Intramolecular N-Me and N-H aminoetherification for the synthesis of N-protected 3-amino-O-heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 557-560.	2.8	8

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73	Constructing Tricyclic Compounds Containing a Seven-Membered Ring by Ruthenium-Catalyzed Intramolecular. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2313-2316.	13.8	8
74	Acyl hydroxypyrazoles as novel agonists for high-affinity nicotinic acid receptor GPR109A: WO2008051403. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 1149-1155.	5.0	7
75	Discovery of benzodihydroisofurans as novel, potent, bioavailable and brain-penetrant prolylcarboxypeptidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1550-1556.	2.2	7
76	Novel Therapeutics in Discovery and Development for Treatment of Chronic HBV Infection. <i>Annual Reports in Medicinal Chemistry</i> , 2013, 48, 265-281.	0.9	7
77	Câ€H Bond Functionalization of Tetrahydropyridopyrimidines and Other Related Heterocycles. <i>Journal of Organic Chemistry</i> , 2017, 82, 13678-13685.	3.2	7
78	Synthesis of novel and conformationally constrained bridged amino acids as compact modules for drug discovery. <i>Tetrahedron Letters</i> , 2016, 57, 599-602.	1.4	6
79	A New Approach of Mitigating CYP3A4 Induction Led to the Discovery of Potent Hepatitis B Virus (HBV) Capsid Inhibitor with Optimal ADMET Profiles. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10352-10361.	6.4	6
80	Efficient cyclopropanation of aryl/heteroaryl acetates and acetonitriles with vinyl diphenyl sulfonium triflate. <i>Tetrahedron Letters</i> , 2018, 59, 1443-1445.	1.4	5
81	Alternative tandem cyclisation pathways in the reaction between imines and enones. <i>Tetrahedron</i> , 2016, 72, 1105-1113.	1.9	3
82	Synthesis of Bridged Bicyclic Morpholine Amino Acids as Compact Modules for Medicinal Chemistry. <i>Chemistry Letters</i> , 2017, 46, 566-568.	1.3	3
83	Expression of thyroid transcription factor-1 (TTF-1) in lung carcinomas and its correlations with apoptosis and angiogenesis. <i>Chinese Journal of Clinical Oncology</i> , 2009, 6, 16-20.	0.0	1
84	Discovery of (aza)indole derivatives as novel respiratory syncytial virus fusion inhibitors. <i>MedChemComm</i> , 2019, 10, 970-973.	3.4	1