Peter T Cheng

List of Publications by Year
in descending order

22 papers	1,100 citations	623734 14 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	1289 citing authors

#	Article	IF	Citations
1	Ligand-accelerated non-directed Câ€“H functionalization of arenes. Nature, 2017, 551, 489-493.	27.8	306
2	Ligandâ€Promoted Borylation of C(sp³)ï£¿H Bonds with Palladium(II) Catalysts. Angewandte Chemie - International Edition, 2016, 55, 785-789.	13.8	119
3	Design and Synthesis ofN-[(4-Methoxyphenoxy)carbonyl]-N-[[4-[2-(5-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 672 Td (methyl-3-p Peroxisome Proliferator-Activated Receptor Î±/Î³ Dual Agonist with Efficacious Glucose and Lipid-Lowering Activities. Journal of Medicinal Chemistry, 2005, 48, 2248-2250.	6.4	114
4	Catalytic Ring Expansions of Cyclic Alcohols Enabled by Proton-Coupled Electron Transfer. Journal of the American Chemical Society, 2019, 141, 8752-8757.	13.7	85
5	A tautomeric ligand enables directed Câ€'H hydroxylation with molecular oxygen. Science, 2021, 372, 1452-1457.	12.6	84
6	Nickel-Catalyzed 1,2-Carboamination of Alkenyl Alcohols. Journal of the American Chemical Society, 2021, 143, 13962-13970.	13.7	56
7	Lysophosphatidic Acid Receptor Antagonism Protects against Diabetic Nephropathy in a Type 2 Diabetic Model. Journal of the American Society of Nephrology: JASN, 2017, 28, 3300-3311.	6.1	47
8	Discovery of azetidinone acids as conformationally-constrained dual PPARÎ±/Î³ agonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1939-1944.	2.2	38
9	PPARs as Targets for Metabolic and Cardiovascular Diseases. Mini-Reviews in Medicinal Chemistry, 2005, 5, 741-753.	2.4	35
10	Design, synthesis and structureâ€“activity relationships of azole acids as novel, potent dual PPAR Î±/Î³ agonists. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1451-1456.	2.2	35
11	A rapid, homogeneous, fluorescence polarization binding assay for peroxisome proliferator-activated receptors alpha and gamma using a fluorescein-tagged dual PPARÎ±/Î³ activator. Analytical Biochemistry, 2007, 363, 263-274.	2.4	27
12	Alkene Difunctionalization Directed by Free Amines: Diamine Synthesis via Nickel-Catalyzed 1,2-Carboamination. ACS Catalysis, 2022, 12, 3890-3896.	11.2	23
13	Discovery of an Oxycyclohexyl Acid Lysophosphatidic Acid Receptor 1 (LPA₁) Antagonist BMS-986278 for the Treatment of Pulmonary Fibrotic Diseases. Journal of Medicinal Chemistry, 2021, 64, 15549-15581.	6.4	21
14	Discovery of tertiary aminoacids as dual PPARÎ±/Î³ agonists-I. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2312-2316.	2.2	16
15	Synthesis and structureâ€“activity relationships of 2-aryl-4-oxazolylmethoxy benzylglycines and 2-aryl-4-thiazolylmethoxy benzylglycines as novel, potent PPARÎ± selective activators- PPARÎ± and PPARÎ³ selectivity modulation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2933-2937.	2.2	11
16	Synthesis and biological evaluation of novel pyrrolidine acid analogs as potent dual PPARÎ±/Î³ agonists. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1196-1205.	2.2	10
17	Utilization of the Zucker Diabetic Fatty (ZDF) Rat Model for Investigating Hypoglycemia-related Toxicities. Toxicologic Pathology, 2015, 43, 825-837.	1.8	10
18	Structural and Thermal Characterization of Halogenated Azidopyridines: Under-Reported Synthons for Medicinal Chemistry. Organic Letters, 2022, 24, 799-803.	4.6	8

#	Article	IF	Citations
19	Design, synthesis, and structureâ€“activity relationships of piperidine and dehydropiperidine carboxylic acids as novel, potent dual PPARÎ±/Î³ agonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3545-3550.	2.2	6
20	LPA1 antagonist BMS-986278 for idiopathic pulmonary fibrosis: Preclinical pharmacological in vitro and in vivo evaluation. , 2019, , .		4
21	LPA1 antagonists BMS-986020 and BMS-986234 for idiopathic pulmonary fibrosis: Preclinical evaluation of hepatobiliary homeostasis. , 2017, , .		3
22	Discovery of a Partial Glucokinase Activator Clinical Candidate: Diethyl ((3-(3-((5-(Azetidine-1-carbonyl)pyrazin-2-yl)oxy)-5-isopropoxybenzamido)-1H-pyrazol-1-yl)methyl)phosphonate (BMS-820132). Journal of Medicinal Chemistry, 2022, 65, 4291-4317.	6.4	1