Aaron C Smith

List of Publications by Year
in descending order

16	771	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palladiumâ€Catalyzed Synthesis of (Hetero)Aryl Alkyl Sulfones from (Hetero)Aryl Boronic Acids, Unactivated Alkyl Halides, and Potassium Metabisulfite. Angewandte Chemie - International Edition, 2015, 54, 13571-13575.	13.8	180
2	Structural Basis for AMPK Activation: Natural and Synthetic Ligands Regulate Kinase Activity from Opposite Poles by Different Molecular Mechanisms. Structure, 2014, 22, 1161-1172.	3.3	159
3	Discovery and Preclinical Characterization of 6-Chloro-5-[4-(1-hydroxycyclobutyl)phenyl]-1H-indole-3-carboxylic Acid (PF-06409577), a Direct Activator of Adenosine Monophosphate-activated Protein Kinase (AMPK), for the Potential Treatment of Diabetic Nephropathy. Journal of Medicinal Chemistry, 2016, 59, 8068-8081.	6.4	98
4	Discovery of PF-06835919: A Potent Inhibitor of Ketohexokinase (KHK) for the Treatment of Metabolic Disorders Driven by the Overconsumption of Fructose. Journal of Medicinal Chemistry, 2020, 63, 13546-13560.	6.4	43
5	Spirolactam-Based Acetyl-CoA Carboxylase Inhibitors: Toward Improved Metabolic Stability of a Chromanone Lead Structure. Journal of Medicinal Chemistry, 2013, 56, 7110-7119.	6.4	40
6	Discovery of Fragment-Derived Small Molecules for in Vivo Inhibition of Ketohexokinase (KHK). Journal of Medicinal Chemistry, 2017, 60, 7835-7849.	6.4	35
7	Discovery of an in Vivo Tool to Establish Proof-of-Concept for MAP4K4-Based Antidiabetic Treatment. ACS Medicinal Chemistry Letters, 2015, 6, 1128-1133.	2.8	33
8	Discovery of Orally Bioavailable Selective Inhibitors of the Sodium-Phosphate Cotransporter NaPi2a (SLC34A1). ACS Medicinal Chemistry Letters, 2018, 9, 440-445.	2.8	24
9	Chemical Probe Identification Platform for Orphan GPCRs Using Focused Compound Screening: GPR39 as a Case Example. ACS Medicinal Chemistry Letters, 2013, 4, 1079-1084.	2.8	19
10	Optimizing the Benefit/Risk of Acetyl-CoA Carboxylase Inhibitors through Liver Targeting. Journal of Medicinal Chemistry, 2020, 63, 10879-10896.	6.4	19
11	Two Scalable Syntheses of (S)-2-Methylazetidine. Journal of Organic Chemistry, 2016, 81, 3031-3036.	3.2	13
12	Optimization of Metabolic and Renal Clearance in a Series of Indole Acid Direct Activators of 5â€²-Adenosine Monophosphate-Activated Protein Kinase (AMPK). Journal of Medicinal Chemistry, 2018, 61, 2372-2383.	6.4	13
13	Evolution of the Synthesis of AMPK Activators for the Treatment of Diabetic Nephropathy: From Three Preclinical Candidates to the Investigational New Drug PF-06409577. Organic Process Research and Development, 2018, 22, 681-696.	2.7	10
14	Decarbonylative Pd-Catalyzed Suzuki Cross-Coupling for the Synthesis of Structurally Diverse Heterobiaryls. Organic Letters, 2022, 24, 1678-1683.	4.6	10
15	Scalable, Telescoped Hydrogenolysisâ€“Enzymatic Decarboxylation Process for the Asymmetric Synthesis of (R)-Î±-Heteroaryl Propionic Acids. Organic Process Research and Development, 2021, 25, 421-426.	2.7	9
16	Synthesis of Î±-Heteroaryl Propionic Esters by Palladium-Catalyzed Î±-Heteroarylation of Silyl Ketene Acetals. Organic Letters, 2021, 23, 6439-6443.	4.6	5