Charles S Yeung

List of Publications by Year
in descending order

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35 papers	6,048 citations	304368 22 h-index	344852 36 g-index
48 all docs	48 docs citations	48 times ranked	5264 citing authors

#	Article	IF	Citations
1	Optimization of brain-penetrant picolinamide derived leucine-rich repeat kinase 2 (LRRK2) inhibitors. RSC Medicinal Chemistry, 2021, 12, 1164-1173.	1.7	11
2	The Discovery of Two Novel Classes of 5,5-Bicyclic Nucleoside-Derived PRMT5 Inhibitors for the Treatment of Cancer. Journal of Medicinal Chemistry, 2021, 64, 3911-3939.	2.9	16
3	Achieving C(sp²)â€“C(sp³) Coupling with BCP-F₂ Building Blocks via Barluenga Coupling: A Comparative Approach. Journal of Organic Chemistry, 2021, 86, 10672-10698.	1.7	8
4	Non-innocent Radical Ion Intermediates in Photoredox Catalysis: Parallel Reduction Modes Enable Coupling of Diverse Aryl Chlorides. Journal of the American Chemical Society, 2021, 143, 10882-10889.	6.6	140
5	Sequential Norrishâ€“Yang Cyclization and Câ€“C Cleavage/Cross-Coupling of a [4.1.0] Fused Saturated Azacycle. Journal of Organic Chemistry, 2021, 86, 12436-12442.	1.7	5
6	Enantioselective Addition of Pyrazoles to Dienes**. Angewandte Chemie, 2021, 133, 19812-19816.	1.6	8
7	Enantioselective Addition of Pyrazoles to Dienes**. Angewandte Chemie - International Edition, 2021, 60, 19660-19664.	7.2	48
8	Photomediated ring contraction of saturated heterocycles. Science, 2021, 373, 1004-1012.	6.0	58
9	Synthesis of Bridged Bicyclic Amines by Intramolecular Amination of Remote Câ€“H Bonds: Synergistic Activation by Light and Heat. Organic Letters, 2020, 22, 6578-6583.	2.4	10
10	Câ€“H/Câ€“C Functionalization Approach to N-Fused Heterocycles from Saturated Azacycles. Journal of the American Chemical Society, 2020, 142, 13041-13050.	6.6	36
11	Câ€“C Cleavage Approach to Câ€“H Functionalization of Saturated Aza-Cycles. ACS Catalysis, 2020, 10, 2929-2941.	5.5	43
12	Photoredoxkatalyse als Strategie zur synthetischen Nutzung von CO₂: Direkter Zugang zu CarbonsÃuren aus einem erneuerbaren Rohstoff. Angewandte Chemie, 2019, 131, 5546-5556.	1.6	30
13	Photoredox Catalysis as a Strategy for CO₂ Incorporation: Direct Access to Carboxylic Acids from a Renewable Feedstock. Angewandte Chemie - International Edition, 2019, 58, 5492-5502.	7.2	165
14	Monophosphine Ligands Promote Pd-Catalyzed Câ€“S Cross-Coupling Reactions at Room Temperature with Soluble Bases. ACS Catalysis, 2019, 9, 6461-6466.	5.5	55
15	Metal- and Acid-Free Câ€“H Formylation of Nitrogen Heterocycles: Using Trioxane as an Aldehyde Equivalent Enabled by an Organic-Soluble Oxidant. Organic Letters, 2018, 20, 5752-5756.	2.4	24
16	Unprotected Indazoles Are Resilient to Ring-Opening Isomerization: A Case Study on Catalytic Câ€“S Couplings in the Presence of Strong Base. Journal of Organic Chemistry, 2017, 82, 13557-13562.	1.7	9
17	Making Câ€“C Bonds from Carbon Dioxide via Transition-Metal Catalysis. Topics in Catalysis, 2014, 57, 1342-1350.	1.3	71
18	Thiourea-Catalyzed Enantioselective Addition of Indoles to Pyrones: Alkaloid Cores with Quaternary Carbons. Journal of the American Chemical Society, 2014, 136, 13614-13617.	6.6	67

#	Article	IF	Citations
19	Chiral Î²-iodoamines by urea-catalysed iodocyclization of trichloroacetimidates. Chemical Science, 2013, 4, 2100.	3.7	70
20	Recent catalytic approaches to chemical synthesis from carbon feedstocks. Pure and Applied Chemistry, 2013, 85, 941-956.	0.9	2
21	Lewis Acidity of Pt-Doped Buckybowls, Fullerenes, and Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2011, 115, 7153-7163.	1.5	8
22	Ru-catalyzed activation of sp³Câ€“O bonds: O- to N-alkyl migratory rearrangement in pyridines and related heterocycles. Chemical Science, 2011, 2, 544-551.	3.7	72
23	Catalytic Dehydrogenative Cross-Coupling: Forming Carbonâ^'Carbon Bonds by Oxidizing Two Carbonâ^'Hydrogen Bonds. Chemical Reviews, 2011, 111, 1215-1292.	23.0	3,601
24	A New Direction in Enantioselective Catalysis: Scaffolding Ligands in Olefin Hydroformylation. Angewandte Chemie - International Edition, 2011, 50, 809-812.	7.2	35
25	Pd-Catalyzed ortho-Arylation of N-Aryloxazolidinones with Simple Arenes Using Sodium Persulfate. Synlett, 2011, 2011, 974-978.	1.0	9
26	Theoretical Studies of Substitutionally Doped Single-Walled Nanotubes. Journal of Nanotechnology, 2010, 2010, 1-42.	1.5	12
27	Pd-catalyzed ortho-arylation of phenylacetamides, benzamides, and anilides with simple arenes using sodium persulfate. Chemical Science, 2010, 1, 331.	3.7	247
28	Palladium-Catalyzed Ortho-Arylation of O-Phenylcarbamates with Simple Arenes and Sodium Persulfate. Journal of the American Chemical Society, 2010, 132, 5837-5844.	6.6	374
29	Chemistry of Single-Walled Carbon Nanotubes. Journal of Computational and Theoretical Nanoscience, 2009, 6, 1213-1235.	0.4	11
30	Adsorption of Small Gas Molecules onto Pt-Doped Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2008, 112, 7401-7411.	1.5	95
31	Beyond Arestaâ€™s Complex: Ni- and Pd-Catalyzed Organozinc Coupling with CO₂. Journal of the American Chemical Society, 2008, 130, 7826-7827.	6.6	283
32	Novel Nanotube-Coordinated Platinum Complexes. Journal of Computational and Theoretical Nanoscience, 2007, 4, 1108-1119.	0.4	15
33	N-Salicylideneanilines:â€‰ Tautomers for Formation of Hydrogen-Bonded Capsules, Clefts, and Chains. Journal of Organic Chemistry, 2006, 71, 775-788.	1.7	74
34	Chiral Neutral Zirconium Amidate Complexes for the Asymmetric Hydroamination of Alkenes. Angewandte Chemie - International Edition, 2006, 46, 354-358.	7.2	264
35	Tautomerization in Naphthalenediimines:â€‰ A Keto-Enamine Schiff Base Macrocycle. Organic Letters, 2005, 7, 4827-4830.	2.4	71