

# 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	Catalytic Dehydrogenative Cross-Coupling: Forming Carbon-Carbon Bonds by Oxidizing Two Carbon-Hydrogen Bonds. <i>Chemical Reviews</i> , 2011, 111, 1215-1292.	23.0	3,601
2	Palladium-Catalyzed <i>ortho</i> -Arylation of <i>o</i> -Phenylcarbamates with Simple Arenes and Sodium Persulfate. <i>Journal of the American Chemical Society</i> , 2010, 132, 5837-5844.	6.6	374
3	Beyond Aresta's Complex: Ni- and Pd-Catalyzed Organozinc Coupling with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2008, 130, 7826-7827.	6.6	283
4	Chiral Neutral Zirconium Amidate Complexes for the Asymmetric Hydroamination of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2006, 46, 354-358.	7.2	264
5	Pd-catalyzed <i>ortho</i> -arylation of phenylacetamides, benzamides, and anilides with simple arenes using sodium persulfate. <i>Chemical Science</i> , 2010, 1, 331.	3.7	247
6	Photoredox Catalysis as a Strategy for CO <sub>2</sub> Incorporation: Direct Access to Carboxylic Acids from a Renewable Feedstock. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5492-5502.	7.2	165
7	Non-innocent Radical Ion Intermediates in Photoredox Catalysis: Parallel Reduction Modes Enable Coupling of Diverse Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2021, 143, 10882-10889.	6.6	140
8	Adsorption of Small Gas Molecules onto Pt-Doped Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7401-7411.	1.5	95
9	<i>N</i> -Salicylideneanilines: Tautomers for Formation of Hydrogen-Bonded Capsules, Clefts, and Chains. <i>Journal of Organic Chemistry</i> , 2006, 71, 775-788.	1.7	74
10	Ru-catalyzed activation of sp <sup>3</sup> C-O bonds: O- to N-alkyl migratory rearrangement in pyridines and related heterocycles. <i>Chemical Science</i> , 2011, 2, 544-551.	3.7	72
11	Tautomerization in Naphthalenediimines: A Keto-Enamine Schiff Base Macrocyclic. <i>Organic Letters</i> , 2005, 7, 4827-4830.	2.4	71
12	Making C-C Bonds from Carbon Dioxide via Transition-Metal Catalysis. <i>Topics in Catalysis</i> , 2014, 57, 1342-1350.	1.3	71
13	Chiral $\beta$ -iodoamines by urea-catalysed iodocyclization of trichloroacetimidates. <i>Chemical Science</i> , 2013, 4, 2100.	3.7	70
14	Thiourea-Catalyzed Enantioselective Addition of Indoles to Pyrones: Alkaloid Cores with Quaternary Carbons. <i>Journal of the American Chemical Society</i> , 2014, 136, 13614-13617.	6.6	67
15	Photomediated ring contraction of saturated heterocycles. <i>Science</i> , 2021, 373, 1004-1012.	6.0	58
16	Monophosphine Ligands Promote Pd-Catalyzed C-S Cross-Coupling Reactions at Room Temperature with Soluble Bases. <i>ACS Catalysis</i> , 2019, 9, 6461-6466.	5.5	55
17	Enantioselective Addition of Pyrazoles to Dienes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19660-19664.	7.2	48
18	C-C Cleavage Approach to C-H Functionalization of Saturated Aza-Cycles. <i>ACS Catalysis</i> , 2020, 10, 2929-2941.	5.5	43

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19	Câ€“H/Câ€“C Functionalization Approach to N-Fused Heterocycles from Saturated Azacycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 13041-13050.	6.6	36
20	A New Direction in Enantioselective Catalysis: Scaffolding Ligands in Olefin Hydroformylation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 809-812.	7.2	35
21	Photoredoxkatalyse als Strategie zur synthetischen Nutzung von CO <sub>2</sub> : Direkter Zugang zu Carbonsäuren aus einem erneuerbaren Rohstoff. <i>Angewandte Chemie</i> , 2019, 131, 5546-5556.	1.6	30
22	Metal- and Acid-Free Câ€“H Formylation of Nitrogen Heterocycles: Using Trioxane as an Aldehyde Equivalent Enabled by an Organic-Soluble Oxidant. <i>Organic Letters</i> , 2018, 20, 5752-5756.	2.4	24
23	The Discovery of Two Novel Classes of 5,5-Bicyclic Nucleoside-Derived PRMT5 Inhibitors for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3911-3939.	2.9	16
24	Novel Nanotube-Coordinated Platinum Complexes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2007, 4, 1108-1119.	0.4	15
25	Theoretical Studies of Substitutionally Doped Single-Walled Nanotubes. <i>Journal of Nanotechnology</i> , 2010, 2010, 1-42.	1.5	12
26	Chemistry of Single-Walled Carbon Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2009, 6, 1213-1235.	0.4	11
27	Optimization of brain-penetrant picolinamide derived leucine-rich repeat kinase 2 (LRRK2) inhibitors. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1164-1173.	1.7	11
28	Synthesis of Bridged Bicyclic Amines by Intramolecular Amination of Remote Câ€“H Bonds: Synergistic Activation by Light and Heat. <i>Organic Letters</i> , 2020, 22, 6578-6583.	2.4	10
29	Pd-Catalyzed ortho-Arylation of N-Aryloxazolidinones with Simple Arenes Using Sodium Persulfate. <i>Synlett</i> , 2011, 2011, 974-978.	1.0	9
30	Unprotected Indazoles Are Resilient to Ring-Opening Isomerization: A Case Study on Catalytic Câ€“S Couplings in the Presence of Strong Base. <i>Journal of Organic Chemistry</i> , 2017, 82, 13557-13562.	1.7	9
31	Lewis Acidity of Pt-Doped Buckybowls, Fullerenes, and Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7153-7163.	1.5	8
32	Achieving C(sp <sup>2</sup> )â€“C(sp <sup>3</sup> ) Coupling with BCP-F <sub>2</sub> Building Blocks via Barluenga Coupling: A Comparative Approach. <i>Journal of Organic Chemistry</i> , 2021, 86, 10672-10698.	1.7	8
33	Enantioselective Addition of Pyrazoles to Dienes**. <i>Angewandte Chemie</i> , 2021, 133, 19812-19816.	1.6	8
34	Sequential Norrishâ€“Yang Cyclization and Câ€“C Cleavage/Cross-Coupling of a [4.1.0] Fused Saturated Azacycle. <i>Journal of Organic Chemistry</i> , 2021, 86, 12436-12442.	1.7	5
35	Recent catalytic approaches to chemical synthesis from carbon feedstocks. <i>Pure and Applied Chemistry</i> , 2013, 85, 941-956.	0.9	2