

# Yong-Heng Wang

## List of Publications by Year in descending order

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30  
papers

1,519  
citations

394421

19  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1529  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic role of carbonyl oxygens and water in selinadiene synthase. <i>Nature Catalysis</i> , 2022, 5, 128-135.	34.4	25
2	Genome-Based Discovery of Enantiomeric Pentacyclic Sesterterpenes Catalyzed by Fungal Bifunctional Terpene Synthases. <i>Organic Letters</i> , 2021, 23, 4645-4650.	4.6	22
3	Biotransformation of $\hat{\pm}$ -asarone by <i>Alternaria longipes</i> CGMCC 3.2875. <i>Chinese Journal of Natural Medicines</i> , 2021, 19, 700-705.	1.3	3
4	The Oxidation Cascade of a Rare Multifunctional P450 Enzyme Involved in Asperterpenoid A Biosynthesis. <i>Frontiers in Chemistry</i> , 2021, 9, 785431.	3.6	2
5	Biosynthetic Mechanism of Lanosterol: A Completed Story. <i>ACS Catalysis</i> , 2020, 10, 2157-2168.	11.2	19
6	4-Hydroxy Pyridones from Heterologous Expression and Cultivation of the Native Host. <i>Journal of Natural Products</i> , 2020, 83, 3338-3346.	3.0	19
7	Mechanistic Characterization of the Fusicoccane-type Diterpene Synthase for <i>Myrothec-15(17)-en-7-ol</i> . <i>ACS Catalysis</i> , 2020, 10, 4306-4312.	11.2	24
8	Enantioselective Fluorocyclizations Mediated by Amino- $\hat{\alpha}$ -Acid-Derived Phthalazine. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5334-5339.	4.3	19
9	Covalent Inhibition Mechanism of Antidiabetic Drugs $\hat{\alpha}$ -Vildagliptin vs Saxagliptin. <i>ACS Catalysis</i> , 2019, 9, 2292-2302.	11.2	20
10	Asymmetric Counter-Anion-Directed Aminomethylation: Synthesis of Chiral $\hat{\beta}$ -Amino Acids via Trapping of an Enol Intermediate. <i>Journal of the American Chemical Society</i> , 2019, 141, 1473-1478.	13.7	116
11	Metal-catalyzed alkyne oxidation/C-H functionalization: Effects of oxidant, temperature, and metal catalyst on chemoselectivity. <i>Journal of Computational Chemistry</i> , 2019, 40, 1038-1044.	3.3	2
12	Reply to Comment on $\hat{\alpha}$ -Substrate Folding Modes in Trichodiene Synthase: A Determinant of Chemo- and Stereoselectivity. <i>ACS Catalysis</i> , 2018, 8, 1363-1370.	11.2	2
13	QM/MM and MM MD Simulations on the Pyrimidine-Specific Nucleoside Hydrolase: A Comprehensive Understanding of Enzymatic Hydrolysis of Uridine. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1121-1131.	2.6	7
14	New tricks for an old dog: Visible light-driven hydrogen production from water catalyzed by fac- and mer- geometrical isomers of tris(thiosemicarbazide) cobalt(III). <i>Chinese Journal of Catalysis</i> , 2018, 39, 517-526.	14.0	14
15	Structural basis for the complete resistance of the human prion protein mutant G127V to prion disease. <i>Scientific Reports</i> , 2018, 8, 13211.	3.3	29
16	Catalytic promiscuity of the non-native FPP substrate in the TEAS enzyme: non-negligible flexibility of the carbocation intermediate. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15061-15073.	2.8	14
17	Structure-based drug design: Synthesis and biological evaluation of quinazolin-4-amine derivatives as selective Aurora A kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 1361-1375.	5.5	23
18	Copper-Catalyzed Remote C-H Functionalizations of Naphthylamides through a Coordinating Activation Strategy and Single-Electron-Transfer (SET) Mechanism. <i>ACS Catalysis</i> , 2017, 7, 2661-2667.	11.2	122

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19	A square-planar nickel dithiolate complex as an efficient molecular catalyst for the electro- and photoreduction of protons. <i>Chemical Communications</i> , 2017, 53, 7007-7010.	4.1	51
20	Deciphering the mechanisms of selective inhibition for the tandem BD1/BD2 in the BET-bromodomain family. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23934-23941.	2.8	18
21	Substrate Folding Modes in Trichodiene Synthase: A Determinant of Chemo- and Stereoselectivity. <i>ACS Catalysis</i> , 2017, 7, 5841-5846.	11.2	14
22	Electrocatalytic Generation of Amidyl Radicals for Olefin Hydroamidation: Use of Solvent Effects to Enable Anilide Oxidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2226-2229.	13.8	214
23	A D-π-A-π-A metal-free organic dye with improved efficiency for the application of solar energy conversion. <i>Dyes and Pigments</i> , 2016, 134, 498-505.	3.7	29
24	Synthesis of 2-Aza-1,3-butadienes through Gold-Catalyzed Intermolecular Ynamide Amination/C-H Functionalization. <i>Organic Letters</i> , 2016, 18, 4630-4633.	4.6	35
25	CCCCC pentadentate chelates with planar MÃ¶bius aromaticity and unique properties. <i>Science Advances</i> , 2016, 2, e1601031.	10.3	74
26	Electrocatalytic Generation of Amidyl Radicals for Olefin Hydroamidation: Use of Solvent Effects to Enable Anilide Oxidation. <i>Angewandte Chemie</i> , 2016, 128, 2266-2269.	2.0	71
27	Gold-Catalyzed Intermolecular Ynamide Amination-Initiated Aza-Nazarov Cyclization: Access to Functionalized 2-Aminopyrroles. <i>Organic Letters</i> , 2016, 18, 3254-3257.	4.6	97
28	Zinc-Catalyzed Alkyne Oxidation/C-H Functionalization: Highly Site-Selective Synthesis of Versatile Isoquinolones and Î²-Carbolines. <i>Angewandte Chemie</i> , 2015, 127, 8363-8367.	2.0	35
29	Zinc-Catalyzed Alkyne Oxidation/C-H Functionalization: Highly Site-Selective Synthesis of Versatile Isoquinolones and Î²-Carbolines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8245-8249.	13.8	154
30	Generation of Î±-Imino Gold Carbenes through Gold-Catalyzed Intermolecular Reaction of Azides with Ynamides. <i>Journal of the American Chemical Society</i> , 2015, 137, 9567-9570.	13.7	245