

Yi-Chao Huang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1498343/yi-chao-huang-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	2,318 citations	24 h-index	48 g-index
55 ext. papers	2,759 ext. citations	10 avg, IF	5.09 L-index

#	Paper	IF	Citations
49	One-Pot Ribosomal Synthesis of Macrocyclic Depsipeptides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4741-4750	16.4	4
48	Light-Induced Efficient Hydroxylation of Benzene to Phenol by Quinolinium and Polyoxovanadate-Based Supramolecular Catalysts. <i>Angewandte Chemie</i> , 2021 , 133, 13422-13428	3.6	1
47	Light-Induced Efficient Hydroxylation of Benzene to Phenol by Quinolinium and Polyoxovanadate-Based Supramolecular Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13310-13316	16.4	9
46	Polyoxometalate-Based Photoactive Hybrid: Uncover the First Crystal Structure of Covalently Linked Hexavanadate-Porphyrin Molecule. <i>Inorganic Chemistry</i> , 2020 , 59, 2575-2583	5.1	27
45	Affinity Maturation of Macrocyclic Peptide Modulators of Lys48-Linked Diubiquitin by a Twofold Strategy. <i>Chemistry - A European Journal</i> , 2020 , 26, 8022-8027	4.8	7
44	Polyoxovanadate-iodobodipy supramolecular assemblies: new agents for high efficiency cancer photochemotherapy. <i>Chemical Communications</i> , 2020 , 56, 2869-2872	5.8	13
43	Chemoenzymatic Posttranslational Modification Reactions for the Synthesis of [CH ₂ NH]-Containing Peptides. <i>Angewandte Chemie</i> , 2020 , 132, 694-698	3.6	1
42	Chemoenzymatic Posttranslational Modification Reactions for the Synthesis of [CH ₂ NH]-Containing Peptides. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 684-688	16.4	6
41	De novo macrocyclic peptides that specifically modulate Lys48-linked ubiquitin chains. <i>Nature Chemistry</i> , 2019 , 11, 644-652	17.6	40
40	Atomically engineering activation sites onto metallic 1T-MoS catalysts for enhanced electrochemical hydrogen evolution. <i>Nature Communications</i> , 2019 , 10, 982	17.4	180
39	Cysteine-Aminoethylation-Assisted Chemical Ubiquitination of Recombinant Histones. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3654-3663	16.4	36
38	RNA Display Methods for the Discovery of Bioactive Macrocycles. <i>Chemical Reviews</i> , 2019 , 119, 10360-10391	16.4	82
37	Iron Hydroxide-Modified Nickel Hydroxylphosphate Single-Wall Nanotubes as Efficient Electrocatalysts for Oxygen Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9407-9414	9.5	28
36	A Series of Weakley-type Polyoxomolybdates: Synthesis, Characterization, and Magnetic Properties by a Combined Experimental and Theoretical Approach. <i>Inorganic Chemistry</i> , 2018 , 57, 963-969	5.1	8
35	Nitrogen-Doped Porous Molybdenum Carbide and Phosphide Hybrids on a Carbon Matrix as Highly Effective Electrocatalysts for the Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018 , 8, 1701601	21.8	147
34	Single-Atom Mn Active Site in a Triol-Stabilized Anderson Manganohexamolybdate for Enhanced Catalytic Activity towards Adipic Acid Production. <i>Catalysts</i> , 2018 , 8, 121	4	19
33	Fine Tuning Electronic Structure of Catalysts through Atomic Engineering for Enhanced Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2018 , 8, 1800789	21.8	38

32	[VMoO(NAr)(ENAr)]: the first polyarylimido-stabilized molybdovanadate cluster. <i>Chemical Communications</i> , 2017 , 53, 2551-2554	5.8	9
31	[Cr{RC(CH ₂ O) ₃ } ₂ Mo ₆ O ₁₈] ₃ the first organically-functionalized isomer of Anderson-type polyoxometalates. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1215-1218	6.8	20
30	A semisynthetic Atg3 reveals that acetylation promotes Atg3 membrane binding and Atg8 lipidation. <i>Nature Communications</i> , 2017 , 8, 14846	17.4	31
29	Tosylation of alcohols: an effective strategy for the functional group transformation of organic derivatives of polyoxometalates. <i>Scientific Reports</i> , 2017 , 7, 12523	4.9	14
28	Buildup of Redox-Responsive Hybrid from Polyoxometalate and Redox-Active Conducting Oligomer: Its Self-Assemblies with Controllable Morphologies. <i>Chemistry - A European Journal</i> , 2017 , 23, 14860-14865	4.8	6
27	Monomer/Oligomer Quasi-Racemic Protein Crystallography. <i>Journal of the American Chemical Society</i> , 2016 , 138, 14497-14502	16.4	60
26	Quasi-Racemic X-ray Structures of K27-Linked Ubiquitin Chains Prepared by Total Chemical Synthesis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7429-35	16.4	135
25	Total synthesis of mambalgin-1/2/3 by two-segment hydrazide-based native chemical ligation. <i>Journal of Peptide Science</i> , 2016 , 22, 320-6	2.1	9
24	Protein modification: Standing out from the crowd. <i>Nature Chemistry</i> , 2016 , 8, 101-2	17.6	6
23	The proton-controlled synthesis of unprecedented diol functionalized Anderson-type POMs. <i>Chemical Communications</i> , 2016 , 52, 2378-81	5.8	26
22	Synthesis of l- and d-Ubiquitin by One-Pot Ligation and Metal-Free Desulfurization. <i>Chemistry - A European Journal</i> , 2016 , 22, 7623-8	4.8	48
21	Chemical Synthesis of K48-Linked Diubiquitin by Incorporation of a Lysine-Linked Auxiliary Handle. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2665-2670	3.2	7
20	Ubiquitin 7-amino-4-carbamoylmethylcoumarin as an improved fluorogenic substrate for deubiquitinating enzymes. <i>Tetrahedron</i> , 2016 , 72, 4085-4090	2.4	8
19	Hmb(off/on) as a switchable thiol protecting group for native chemical ligation. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 4194-8	3.9	20
18	Chemical synthesis of proteins using hydrazide intermediates. <i>National Science Review</i> , 2016 , 3, 107-116	10.8	55
17	KAHA Ligation at Serine. <i>ChemBioChem</i> , 2016 , 17, 28-30	3.8	2
16	Chemical synthesis of crystalline proteins. <i>Science China Chemistry</i> , 2015 , 58, 1779-1781	7.9	38
15	Accelerated Fmoc solid-phase synthesis of peptides with aggregation-disrupting backbones. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1500-6	3.9	23

14	Thiol-assisted one-pot synthesis of peptide/protein C-terminal thioacids from peptide/protein hydrazides at neutral conditions. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 9413-8	3.9	8
13	Facile solid-phase synthesis of PNA-peptide conjugates using pNZ-protected PNA monomers. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 1050-1054	5.2	7
12	Irreversible site-specific hydrazinolysis of proteins by use of sortase. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2198-202	16.4	97
11	Irreversible Site-Specific Hydrazinolysis of Proteins by Use of Sortase. <i>Angewandte Chemie</i> , 2014 , 126, 2230-2234	3.6	19
10	Facile synthesis of C-terminal peptide hydrazide and thioester of NY-ESO-1 (A39-A68) from an Fmoc-hydrazine 2-chlorotrityl chloride resin. <i>Tetrahedron</i> , 2014 , 70, 2951-2955	2.4	27
9	Thiol-yne radical reaction mediated site-specific protein labeling via genetic incorporation of an alkynyl-L-lysine analogue. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2624-9	3.9	34
8	Development of new thioester equivalents for protein chemical synthesis. <i>Accounts of Chemical Research</i> , 2013 , 46, 2475-84	24.3	141
7	Synthesis of Autophagosomal Marker Protein LC3-II under Detergent-Free Conditions. <i>Angewandte Chemie</i> , 2013 , 125, 4958-4962	3.6	15
6	Synthesis of autophagosomal marker protein LC3-II under detergent-free conditions. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4858-62	16.4	81
5	Ligation of expressed protein hydrazides via genetic incorporation of an hydroxy acid. <i>ACS Chemical Biology</i> , 2012 , 7, 1015-22	4.9	61
4	Genetically encoded alkenylpyrrolysine analogues for thiol-yne reaction mediated site-specific protein labeling. <i>Chemical Science</i> , 2012 , 3, 2766	9.4	43
3	Chemical Synthesis of Integral Membrane Proteins: Methods and Applications. <i>Israel Journal of Chemistry</i> , 2011 , 51, 940-952	3.4	17
2	Protein Chemical Synthesis by Ligation of Peptide Hydrazides. <i>Angewandte Chemie</i> , 2011 , 123, 7787-7793	3.6	112
1	Protein chemical synthesis by ligation of peptide hydrazides. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7645-9	16.4	490