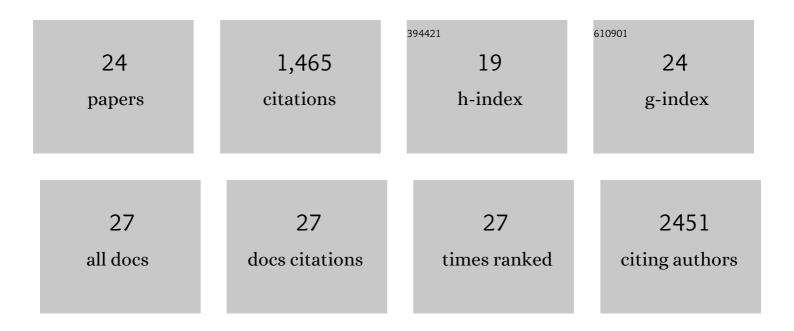
## Yang Hai

## List of Publications by Year in descending order

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VANC HAL

#	Article	IF	CITATIONS
1	Histone deacetylase 6 structure and molecular basis of catalysis and inhibition. Nature Chemical Biology, 2016, 12, 741-747.	8.0	351
2	ARID1A-mutated ovarian cancers depend on HDAC6Âactivity. Nature Cell Biology, 2017, 19, 962-973.	10.3	173
3	SAM-dependent enzyme-catalysed pericyclic reactions in natural product biosynthesis. Nature, 2017, 549, 502-506.	27.8	155
4	Histone deacetylase 10 structure and molecular function as a polyamine deacetylase. Nature Communications, 2017, 8, 15368.	12.8	139
5	Luminescent zinc salen complexes as single and two-photon fluorescence subcellular imaging probes. Chemical Communications, 2011, 47, 2435-2437.	4.1	106
6	Crystal structure of arginase from Leishmania mexicana and implications for the inhibition of polyamine biosynthesis in parasitic infections. Archives of Biochemistry and Biophysics, 2013, 535, 163-176.	3.0	70
7	Rational design of ZnSalen as a single and two photon activatable fluorophore in living cells. Chemical Science, 2012, 3, 3315.	7.4	57
8	Structural basis for stereoselective dehydration and hydrogen-bonding catalysis by the SAM-dependent pericyclase Lepl. Nature Chemistry, 2019, 11, 812-820.	13.6	42
9	Genome Mining of Alkaloidal Terpenoids from a Hybrid Terpene and Nonribosomal Peptide Biosynthetic Pathway. Journal of the American Chemical Society, 2020, 142, 710-714.	13.7	40
10	Biosynthesis of Mycotoxin Fusaric Acid and Application of a PLP-Dependent Enzyme for Chemoenzymatic Synthesis of Substituted <scp>l</scp> -Pipecolic Acids. Journal of the American Chemical Society, 2020, 142, 19668-19677.	13.7	32
11	Structural Basis for Aza-Glycine Stabilization of Collagen. Journal of the American Chemical Society, 2017, 139, 9427-9430.	13.7	29
12	A sensitive and quantitative autolysosome probe for detecting autophagic activity in live and prestained fixed cells. Autophagy, 2013, 9, 894-904.	9.1	28
13	Crystal Structure of an Arginase-like Protein from <i>Trypanosoma brucei</i> That Evolved without a Binuclear Manganese Cluster. Biochemistry, 2015, 54, 458-471.	2.5	26
14	Biosynthesis of Long-Chain <i>N</i> -Acyl Amide by a Truncated Polyketide Synthase–Nonribosomal Peptide Synthetase Hybrid Megasynthase in Fungi. Journal of the American Chemical Society, 2018, 140, 1271-1274.	13.7	26
15	Structure-guided function discovery of an NRPS-like glycine betaine reductase for choline biosynthesis in fungi. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10348-10353.	7.1	26
16	Molecular Assembly Directed by Metal–Aromatic Interactions: Control of the Aggregation and Photophysical Properties of Zn–Salen Complexes by Aromatic Mercuration. Chemistry - A European Journal, 2012, 18, 4242-4249.	3.3	25
17	Structure and Function of Non-Native Metal Clusters in Human Arginase I. Biochemistry, 2012, 51, 8399-8409.	2.5	23
18	Enzyme-Catalyzed Intramolecular Enantioselective Hydroalkoxylation. Journal of the American Chemical Society, 2017, 139, 3639-3642.	13.7	20

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19	Fungal siderophore biosynthesis catalysed by an iterative nonribosomal peptide synthetase. Chemical Science, 2020, 11, 11525-11530.	7.4	20
20	Complete Stereoinversion of <scp>l</scp> -Tryptophan by a Fungal Single-Module Nonribosomal Peptide Synthetase. Journal of the American Chemical Society, 2019, 141, 16222-16226.	13.7	19
21	Crystal Structure of <i>Schistosoma mansoni</i> Arginase, a Potential Drug Target for the Treatment of Schistosomiasis. Biochemistry, 2014, 53, 4671-4684.	2.5	18
22	Biosynthesis of Amino Acid Derived α-Pyrones by an NRPS–NRPKS Hybrid Megasynthetase in Fungi. Journal of Natural Products, 2020, 83, 593-600.	3.0	16
23	Crystal structures of <i>Leishmania mexicana</i> arginase complexed with α,α-disubstituted boronic amino-acid inhibitors. Acta Crystallographica Section F, Structural Biology Communications, 2016, 72, 300-306.	0.8	15
24	Formiminoglutamase from <i>Trypanosoma Cruzi</i> Is An Arginase-Like Manganese Metalloenzyme. Biochemistry, 2013, 52, 9294-9309.	2.5	8