

# Percival Yang-Ting Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1131165/publications.pdf>

Version: 2024-02-01

13  
papers

434  
citations

933447

10  
h-index

1125743

13  
g-index

13  
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13  
docs citations

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times ranked

613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for gene regulation by a B12-dependent photoreceptor. <i>Nature</i> , 2015, 526, 536-541.	27.8	149
2	Molecular basis for allosteric specificity regulation in class Ia ribonucleotide reductase from <i>Escherichia coli</i> . <i>ELife</i> , 2016, 5, e07141.	6.0	59
3	Structural basis for non-radical catalysis by TsrM, a radical SAM methylase. <i>Nature Chemical Biology</i> , 2021, 17, 485-491.	8.0	41
4	Ancient plant-like terpene biosynthesis in corals. <i>Nature Chemical Biology</i> , 2022, 18, 664-669.	8.0	40
5	A Reverse TCA Cycle 2-Oxoacid:Ferredoxin Oxidoreductase that Makes C-C Bonds from CO <sub>2</sub> . <i>Joule</i> , 2019, 3, 595-611.	24.0	29
6	A structural phylogeny for understanding 2-oxoacid oxidoreductase function. <i>Current Opinion in Structural Biology</i> , 2016, 41, 54-61.	5.7	24
7	X-ray crystallography-based structural elucidation of enzyme-bound intermediates along the 1-deoxy-d-xylulose 5-phosphate synthase reaction coordinate. <i>Journal of Biological Chemistry</i> , 2019, 294, 12405-12414.	3.4	24
8	Binding site for coenzyme A revealed in the structure of pyruvate:ferredoxin oxidoreductase from <i>Moraxella thermoacetica</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3846-3851.	7.1	19
9	Enzymatic assembly of the salinosporamide <sup>3</sup> -lactam- <sup>2</sup> -lactone anticancer warhead. <i>Nature Chemical Biology</i> , 2022, 18, 538-546.	8.0	16
10	One-carbon chemistry of oxalate oxidoreductase captured by X-ray crystallography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 320-325.	7.1	13
11	Disruption of an oligomeric interface prevents allosteric inhibition of <i>Escherichia coli</i> class Ia ribonucleotide reductase. <i>Journal of Biological Chemistry</i> , 2018, 293, 10404-10412.	3.4	12
12	XFEL serial crystallography reveals the room temperature structure of methyl-coenzyme M reductase. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111768.	3.5	6
13	Waltzing around cofactors. <i>ELife</i> , 2016, 5, e13977.	6.0	2