

# Wen Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10466972/publications.pdf>

Version: 2024-02-01

26  
papers

1,090  
citations

430874

18  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstitution of the CstF complex unveils a regulatory role for CstF-50 in recognition of 3' end processing signals. <i>Nucleic Acids Research</i> , 2018, 46, 493-503.	14.5	193
2	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. <i>EMBO Journal</i> , 2010, 29, 2566-2576.	7.8	87
3	Molecular Characterization of a Class I P450 Electron Transfer System from <i>Novosphingobium aromaticivorans</i> DSM12444. <i>Journal of Biological Chemistry</i> , 2010, 285, 27372-27384.	3.4	74
4	A Highly Active Single Mutation Variant of P450 <sub>BM3</sub> (CYP102A1). <i>ChemBioChem</i> , 2009, 10, 1654-1656.	2.6	72
5	Simple yet functional phosphate-loop proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11943-E11950.	7.1	70
6	Structural Basis for the Properties of Two Single Site Proline Mutants of CYP102A1 (P450 <sub>BM3</sub> ). <i>ChemBioChem</i> , 2010, 11, 2549-2556.	2.6	63
7	A Macrocyclic Peptide Ligand Binds the Oncogenic MicroRNA-21 Precursor and Suppresses Dicer Processing. <i>ACS Chemical Biology</i> , 2017, 12, 1611-1620.	3.4	57
8	Investigation of the Substrate Range of CYP199A4: Modification of the Partition between Hydroxylation and Desaturation Activities by Substrate and Protein Engineering. <i>Chemistry - A European Journal</i> , 2012, 18, 16677-16688.	3.3	53
9	The crystal structures of 4-methoxybenzoate bound CYP199A2 and CYP199A4: structural changes on substrate binding and the identification of an anion binding site. <i>Dalton Transactions</i> , 2012, 41, 8703.	3.3	48
10	Structure, electronic properties and catalytic behaviour of an activity-enhancing CYP102A1 (P450 <sub>BM3</sub> ) variant. <i>Dalton Transactions</i> , 2011, 40, 10383.	3.3	40
11	Rtr1 Is a Dual Specificity Phosphatase That Dephosphorylates Tyr1 and Ser5 on the RNA Polymerase II CTD. <i>Journal of Molecular Biology</i> , 2014, 426, 2970-2981.	4.2	39
12	Targeted inhibition of oncogenic miR-21 maturation with designed RNA-binding proteins. <i>Nature Chemical Biology</i> , 2016, 12, 717-723.	8.0	37
13	The structure of CYP101D2 unveils a potential path for substrate entry into the active site. <i>Biochemical Journal</i> , 2011, 433, 85-93.	3.7	36
14	Crystal Structure of Hyperthermophilic Endo-1,4-glucanase. <i>Journal of Biological Chemistry</i> , 2012, 287, 8336-8346.	3.4	35
15	Structural Analysis of CYP101C1 from <i>Novosphingobium aromaticivorans</i> DSM12444. <i>ChemBioChem</i> , 2011, 12, 88-99.	2.6	31
16	Structure of the nisin leader peptidase NisP revealing a C-terminal autocleavage activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1499-1505.	2.5	26
17	Structure and function of CYP108D1 from <i>Novosphingobium aromaticivorans</i> DSM12444: an aromatic hydrocarbon-binding P450 enzyme. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 277-291.	2.5	25
18	Structural and Biochemical Analysis of Tyrosine Phosphatase Related to Biofilm Formation A (TpbA) from the Opportunistic Pathogen <i>Pseudomonas aeruginosa</i> PAO1. <i>PLoS ONE</i> , 2015, 10, e0124330.	2.5	20

#	ARTICLE	IF	CITATIONS
19	The C terminus of Pcf11 forms a novel zinc-finger structure that plays an essential role in mRNA 3' end processing. <i>Rna</i> , 2017, 23, 98-107.	3.5	19
20	Improving the affinity and activity of CYP101D2 for hydrophobic substrates. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 3979-3990.	3.6	17
21	Structural and functional insight into the mechanism of an alkaline exonuclease from <i>Laribacter hongkongensis</i> . <i>Nucleic Acids Research</i> , 2011, 39, 9803-9819.	14.5	13
22	Small-Molecule Fluorogenic Probe for the Detection of Mitochondrial Temperature <i>In Vivo</i> . <i>Analytical Chemistry</i> , 2021, 93, 13417-13420.	6.5	13
23	Structural basis for inhibition of the deadenylase activity of human CNOT6L. <i>FEBS Letters</i> , 2016, 590, 1270-1279.	2.8	9
24	Crystallization and preliminary crystallographic analysis of thermophilic cellulase from <i>Fervidobacterium nodosum</i> Rt17-B1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 219-222.	0.7	8
25	A Slow Dynamic RNA Switch Regulates Processing of microRNA-21. <i>Journal of Molecular Biology</i> , 2022, 434, 167694.	4.2	4
26	Expression, purification, crystallization and preliminary crystallographic analysis of PA3885 (TpbA) from <i>Pseudomonas aeruginosa</i> PAO1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1473-1476.	0.7	1