

# Zhang Delin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9640806/publications.pdf>

Version: 2024-02-01

21  
papers

1,635  
citations

687335

13  
h-index

713444

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insight into UV-B-activated UVR8 bound to COP1. <i>Science Advances</i> , 2022, 8, eabn3337.	10.3	12
2	Cryo-EM structure of an amyloid fibril formed by full-length human SOD1 reveals its conformational conversion. <i>Nature Communications</i> , 2022, 13, .	12.8	12
3	A conservative pathway for coordination of cell wall biosynthesis and cell cycle progression in plants. <i>Plant Journal</i> , 2021, 106, 630-648.	5.7	8
4	Structural insights into homotrimeric assembly of cellulose synthase CesA7 from <i>Gossypium hirsutum</i> . <i>Plant Biotechnology Journal</i> , 2021, 19, 1579-1587.	8.3	36
5	Structural insights into dpCoA-RNA decapping by NudC. <i>RNA Biology</i> , 2021, 18, 244-253.	3.1	10
6	Structural insight into the SAM-mediated assembly of the mitochondrial TOM core complex. <i>Science</i> , 2021, 373, 1377-1381.	12.6	21
7	Genetic prion disease-related mutation E196K displays a novel amyloid fibril structure revealed by cryo-EM. <i>Science Advances</i> , 2021, 7, eabg9676.	10.3	28
8	Structural insights into the photoactivation of Arabidopsis CRY2. <i>Nature Plants</i> , 2020, 6, 1432-1438.	9.3	33
9	Structural insights into BIC-mediated inactivation of Arabidopsis cryptochrome 2. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 472-479.	8.2	45
10	Cryo-EM structure of an amyloid fibril formed by full-length human prion protein. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 598-602.	8.2	112
11	Structural insights into sequence-dependent Holliday junction resolution by the chloroplast resolvase MOC1. <i>Nature Communications</i> , 2020, 11, 1417.	12.8	11
12	Structural insights into DNA recognition by AimR of the arbitrium communication system in the SPbeta phage. <i>Cell Discovery</i> , 2019, 5, 29.	6.7	12
13	Delineation of pentatricopeptide repeat codes for target RNA prediction. <i>Nucleic Acids Research</i> , 2019, 47, 3728-3738.	14.5	103
14	Solution structure of the RNA recognition domain of METTL3-METTL14 N6-methyladenosine methyltransferase. <i>Protein and Cell</i> , 2019, 10, 272-284.	11.0	99
15	The Pentatricopeptide Repeat Protein SOT5/EMB2279 Is Required for Plastid rpl2 and trnK Intron Splicing. <i>Plant Physiology</i> , 2018, 177, 684-697.	4.8	41
16	Structural Insights into the Substrate Recognition Mechanism of Arabidopsis GPP-Bound NUDX1 for Noncanonical Monoterpene Biosynthesis. <i>Molecular Plant</i> , 2018, 11, 218-221.	8.3	12
17	DapF stabilizes the substrate-favoring conformation of RppH to stimulate its RNA-pyrophosphohydrolase activity in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2018, 46, 6880-6892.	14.5	10
18	SOT1, a pentatricopeptide repeat protein with a small MutS-related domain, is required for correct processing of plastid 23S rRNA precursors in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2016, 85, 607-621.	5.7	68

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19	Structural basis for specific single-stranded RNA recognition by designer pentatricopeptide repeat proteins. <i>Nature Communications</i> , 2016, 7, 11285.	12.8	122
20	Structural basis of N6-adenosine methylation by the METTL3-METTL14 complex. <i>Nature</i> , 2016, 534, 575-578.	27.8	807
21	Structural basis of prokaryotic NAD-RNA decapping by NudC. <i>Cell Research</i> , 2016, 26, 1062-1066.	12.0	33