Zhang Delin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structural insight into UV-B–activated UVR8 bound to COP1. Science Advances, 2022, 8, eabn3337.	10.3	12
2	Cryo-EM structure of an amyloid fibril formed by full-length human SOD1 reveals its conformational conversion. Nature Communications, 2022, 13, .	12.8	12
3	A conservative pathway for coordination of cell wall biosynthesis and cell cycle progression in plants. Plant Journal, 2021, 106, 630-648.	5.7	8
4	Structural insights into homotrimeric assembly of cellulose synthase CesA7 from <i>Gossypium hirsutum</i> . Plant Biotechnology Journal, 2021, 19, 1579-1587.	8.3	36
5	Structural insights into dpCoA-RNA decapping by NudC. RNA Biology, 2021, 18, 244-253.	3.1	10
6	Structural insight into the SAM-mediated assembly of the mitochondrial TOM core complex. Science, 2021, 373, 1377-1381.	12.6	21
7	Genetic prion disease–related mutation E196K displays a novel amyloid fibril structure revealed by cryo-EM. Science Advances, 2021, 7, eabg9676.	10.3	28
8	Structural insights into the photoactivation of Arabidopsis CRY2. Nature Plants, 2020, 6, 1432-1438.	9.3	33
9	Structural insights into BIC-mediated inactivation of Arabidopsis cryptochrome 2. Nature Structural and Molecular Biology, 2020, 27, 472-479.	8.2	45
10	Cryo-EM structure of an amyloid fibril formed by full-length human prion protein. Nature Structural and Molecular Biology, 2020, 27, 598-602.	8.2	112
11	Structural insights into sequence-dependent Holliday junction resolution by the chloroplast resolvase MOC1. Nature Communications, 2020, 11, 1417.	12.8	11
12	Structural insights into DNA recognition by AimR of the arbitrium communication system in the SPbeta phage. Cell Discovery, 2019, 5, 29.	6.7	12
13	Delineation of pentatricopeptide repeat codes for target RNA prediction. Nucleic Acids Research, 2019, 47, 3728-3738.	14.5	103
14	Solution structure of the RNA recognition domain of METTL3-METTL14 N6-methyladenosine methyltransferase. Protein and Cell, 2019, 10, 272-284.	11.0	99
15	The Pentatricopeptide Repeat Protein SOT5/EMB2279 Is Required for Plastid <i>rpl2</i> and <i>trnK</i> Intron Splicing. Plant Physiology, 2018, 177, 684-697.	4.8	41
16	Structural Insights into the Substrate Recognition Mechanism of Arabidopsis GPP-Bound NUDX1 for Noncanonical Monoterpene Biosynthesis. Molecular Plant, 2018, 11, 218-221.	8.3	12
17	DapF stabilizes the substrate-favoring conformation of RppH to stimulate its RNA-pyrophosphohydrolase activity in Escherichia coli. Nucleic Acids Research, 2018, 46, 6880-6892.	14.5	10
18	<scp>SOT</scp> 1, a pentatricopeptide repeat protein with a small MutSâ€related domain, is required for correct processing of plastid 23S–4.5S <scp>rRNA</scp> precursors in <i>Arabidopsis thaliana</i> . Plant Journal, 2016, 85, 607-621.	5.7	68

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