

Gang Cai

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,028
citations

471061

17
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

1449
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture of the Mediator head module. <i>Nature</i> , 2011, 475, 240-243.	13.7	104
2	Mediator Structural Conservation and Implications for the Regulation Mechanism. <i>Structure</i> , 2009, 17, 559-567.	1.6	88
3	Mediator Head module structure and functional interactions. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 273-279.	3.6	85
4	Al-2 quorum sensing negatively regulates rbf expression and biofilm formation in <i>Staphylococcus aureus</i> . <i>International Journal of Medical Microbiology</i> , 2017, 307, 257-267.	1.5	80
5	Structure and nucleosome interaction of the yeast NuA4 and Piccolo's NuA4 histone acetyltransferase complexes. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1196-1203.	3.6	70
6	Redefining the modular organization of the core Mediator complex. <i>Cell Research</i> , 2014, 24, 796-808.	5.7	60
7	3.9 Å... structure of the yeast Mec1-Ddc2 complex, a homolog of human ATR-ATRIP. <i>Science</i> , 2017, 358, 1206-1209.	6.0	60
8	Structural insight into precursor tRNA processing by yeast ribonuclease P. <i>Science</i> , 2018, 362, .	6.0	59
9	Structural basis for receptor recognition and pore formation of a zebrafish aerolysin-like protein. <i>EMBO Reports</i> , 2016, 17, 235-248.	2.0	53
10	Architecture of the <i>Saccharomyces cerevisiae</i> NuA4/TIP60 complex. <i>Nature Communications</i> , 2018, 9, 1147.	5.8	53
11	Structure of the intact ATM/Tel1 kinase. <i>Nature Communications</i> , 2016, 7, 11655.	5.8	50
12	Cloning, Overexpression, and Characterization of a Novel Thermostable Penicillin G Acylase from <i>Achromobacter xylosoxidans</i> : Probing the Molecular Basis for Its High Thermostability. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2764-2770.	1.4	36
13	A TFIIH-Associated Mediator Head Is a Basal Factor of Small Nuclear Spliced Leader RNA Gene Transcription in Early-Diverged Trypanosomes. <i>Molecular and Cellular Biology</i> , 2010, 30, 5502-5513.	1.1	33
14	Interaction of the Mediator Head Module with RNA Polymerase II. <i>Structure</i> , 2012, 20, 899-910.	1.6	30
15	Functional and structural characterization of zebrafish ASC. <i>FEBS Journal</i> , 2018, 285, 2691-2707.	2.2	25
16	Structural basis of allosteric regulation of Tel1/ATM kinase. <i>Cell Research</i> , 2019, 29, 655-665.	5.7	21
17	Structural flexibility and functional interaction of mediator Cdk8 module. <i>Protein and Cell</i> , 2013, 4, 911-920.	4.8	20
18	Structure and functional interactions of INO80 actin/Arp module. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 345-355.	1.5	19

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19	Crystal structure of DnaT ⁸⁴ -dT10 ssDNA complex reveals a novel single-stranded DNA binding mode. <i>Nucleic Acids Research</i> , 2014, 42, 9470-9483.	6.5	15
20	Crystal and EM Structures of Human Phosphoribosyl Pyrophosphate Synthase I (PRS1) Provide Novel Insights into the Disease-Associated Mutations. <i>PLoS ONE</i> , 2015, 10, e0120304.	1.1	14
21	Cloning, sequence analysis and expression of the gene encoding a novel wide-spectrum amidase belonging to the amidase signature superfamily from <i>Achromobacter xylosoxidans</i> . <i>FEMS Microbiology Letters</i> , 2005, 249, 15-21.	0.7	13
22	Architecture of SWI/SNF chromatin remodeling complex. <i>Protein and Cell</i> , 2018, 9, 1045-1049.	4.8	12
23	Structural investigation of the interaction between the tandem SH3 domains of c-Cbl-associated protein and vinculin. <i>Journal of Structural Biology</i> , 2014, 187, 194-205.	1.3	11
24	Rtt105 promotes high-fidelity DNA replication and repair by regulating the single-stranded DNA-binding factor RPA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
25	Modulation of fatty acid synthase by ATR checkpoint kinase Rad3. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 1098-1100.	1.5	4
26	Single-stranded RNA viruses activate and hijack host apical DNA damage response kinases for efficient viral replication. <i>Genome Instability & Disease</i> , 2022, 3, 83-87.	0.5	3
27	Preparation of endogenous TopBP1/Dpb11 and effect on central checkpoint kinase Mec1- Ddc2 (human) Tj ETQq1 _{1.0} 1.0784314 rgBT /		
28	Mediator Structure and Interaction with the Basal Transcription Machinery. <i>FASEB Journal</i> , 2010, 24, 679.2.	0.2	0