

Christian Benda

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,658
citations

471061

17
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

2989
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxeiptosis, a ROS-induced caspase-independent apoptosis-like cell-death pathway. <i>Nature Immunology</i> , 2018, 19, 130-140.	7.0	239
2	Sequestration by IFIT1 Impairs Translation of 2â€²O-unmethylated Capped RNA. <i>PLoS Pathogens</i> , 2013, 9, e1003663.	2.1	175
3	Interaction of Circadian Clock Proteins CRY1 and PER2 Is Modulated by Zinc Binding and Disulfide Bond Formation. <i>Cell</i> , 2014, 157, 1203-1215.	13.5	162
4	Structural and Functional Organization of the Ska Complex, a Key Component of the Kinetochore-Microtubule Interface. <i>Molecular Cell</i> , 2012, 46, 274-286.	4.5	149
5	Structural Model of a CRISPR RNA-Silencing Complex Reveals the RNA-Target Cleavage Activity in Cmr4. <i>Molecular Cell</i> , 2014, 56, 43-54.	4.5	129
6	DNA binding by PHF1 prolongs PRC2 residence time on chromatin and thereby promotes H3K27 methylation. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 1039-1047.	3.6	105
7	mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. <i>Nature Communications</i> , 2015, 6, 8192.	5.8	89
8	Crystal Structure of the Catalytic Domain of Human Atypical Protein Kinase C- ι Reveals Interaction Mode of Phosphorylation Site in Turn Motif. <i>Journal of Molecular Biology</i> , 2005, 352, 918-931.	2.0	88
9	FTIR Studies of Phytochrome Photoreactions Reveal the CO Bands of the Chromophore: Consequences for Its Protonation States, Conformation, and Protein Interaction. <i>Biochemistry</i> , 2001, 40, 14952-14959.	1.2	87
10	Molecular basis of PRC1 targeting to Polycomb response elements by PhoRC. <i>Genes and Development</i> , 2016, 30, 1116-1127.	2.7	78
11	HOT1 is a mammalian direct telomere repeat-binding protein contributing to telomerase recruitment. <i>EMBO Journal</i> , 2013, 32, 1681-1701.	3.5	74
12	Structural basis for PRC2 decoding of active histone methylation marks H3K36me _{2/3} . <i>ELife</i> , 2020, 9, .	2.8	73
13	Phosphorylation of the Yeast β -Tubulin Tub4 Regulates Microtubule Function. <i>PLoS ONE</i> , 2011, 6, e19700.	1.1	42
14	Structure of the RBM7-ZCCHC8 core of the NEXT complex reveals connections to splicing factors. <i>Nature Communications</i> , 2016, 7, 13573.	5.8	38
15	Structure and RNA-binding properties of the Type III-A CRISPR-associated protein Csm3. <i>RNA Biology</i> , 2013, 10, 1670-1678.	1.5	35
16	Baculovirus-driven protein expression in insect cells: A benchmarking study. <i>Journal of Structural Biology</i> , 2018, 203, 71-80.	1.3	24
17	Crystal Structures of Two Cyanobacterial Response Regulators in Apo- and Phosphorylated Form Reveal a Novel Dimerization Motif of Phytochrome-Associated Response Regulators. <i>Biophysical Journal</i> , 2004, 87, 476-487.	0.2	22
18	To Process or to Decay: A Mechanistic View of the Nuclear RNA Exosome. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 155-163.	2.0	16

#	ARTICLE	IF	CITATIONS
19	Biochemical analysis of the Cas6-1 RNA endonuclease associated with the subtype I-D CRISPR-Cas system in <i>Synechocystis</i> sp. PCC 6803. <i>RNA Biology</i> , 2019, 16, 481-491.	1.5	16
20	Phosphorylation of the Human Full-Length Protein Kinase C $\hat{1}$. <i>Journal of Proteome Research</i> , 2008, 7, 2928-2935.	1.8	8
21	Crystal structure of the invertebrate bifunctional purine biosynthesis enzyme PAICS at 2.8 Å... resolution. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1473-1478.	1.5	6