

Li Fan

List of Publications by Year in descending order

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30
papers

1,489
citations

567281

15
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

2303
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of antimicrobial agent targeting tryptophan synthase. <i>Protein Science</i> , 2022, 31, 432-442.	7.6	10
2	Chemical IN04 Inhibits the Kinase Domain not the ROC Domain of LRRK1: Results from Homology Modeling and Molecular Docking. <i>Medicinal Chemistry</i> , 2021, 17, 1140-1150.	1.5	0
3	Chemical IN04 Inhibits the Kinase Domain not the ROC Domain of LRRK1: Results from Homology Modeling and Molecular Docking. <i>Medicinal Chemistry</i> , 2021, 17, 1140-1150.	1.5	0
4	Structural basis of the XPB helicase-Bax1 nuclease complex interacting with the repair bubble DNA. <i>Nucleic Acids Research</i> , 2020, 48, 11695-11705.	14.5	3
5	Structural and biochemical characterization of a glutathione transferase from the citrus canker pathogen <i>Xanthomonas</i> . <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 778-789.	2.3	1
6	Backbone assignments and conformational dynamics in the <i>S. typhimurium</i> tryptophan synthase β -subunit from solution-state NMR. <i>Journal of Biomolecular NMR</i> , 2020, 74, 341-354.	2.8	6
7	Structural basis of the XPB-Bax1 complex as a dynamic helicase-nuclease machinery for DNA repair. <i>Nucleic Acids Research</i> , 2020, 48, 6326-6339.	14.5	6
8	PCR Mutagenesis, Cloning, Expression, Fast Protein Purification Protocols and Crystallization of the Wild Type and Mutant Forms of Tryptophan Synthase. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1
9	Hypermethylated gene ANKDD1A is a candidate tumor suppressor that interacts with FIH1 and decreases HIF1 β stability to inhibit cell autophagy in the glioblastoma multiforme hypoxia microenvironment. <i>Oncogene</i> , 2019, 38, 103-119.	5.9	37
10	Application of Electrochemical Devices to Characterize the Dynamic Actions of Helicases on DNA. <i>Analytical Chemistry</i> , 2018, 90, 2178-2185.	6.5	7
11	The nuclear transportation routes of membrane-bound transcription factors. <i>Cell Communication and Signaling</i> , 2018, 16, 12.	6.5	52
12	A cytoplasmic long noncoding RNA LINC00470 as a new AKT activator to mediate glioblastoma cell autophagy. <i>Journal of Hematology and Oncology</i> , 2018, 11, 77.	17.0	74
13	The Potential Role of circRNA in Tumor Immunity Regulation and Immunotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 9.	4.8	124
14	The archaeal ATPase PINA interacts with the helicase Hjm via its carboxyl terminal KH domain remodeling and processing replication fork and Holliday junction. <i>Nucleic Acids Research</i> , 2018, 46, 6627-6641.	14.5	19
15	Structure and Function of a Novel ATPase that Interacts with Holliday Junction Resolvase Hjc and Promotes Branch Migration. <i>Journal of Molecular Biology</i> , 2017, 429, 1009-1029.	4.2	19
16	Human resistin protects against endotoxic shock by blocking LPS-TLR4 interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10399-E10408.	7.1	51
17	Novel Therapy for Glioblastoma Multiforme by Restoring LRRC4 in Tumor Cells: LRRC4 Inhibits Tumor-Infiltrating Regulatory T Cells by Cytokine and Programmed Cell Death 1-Containing Exosomes. <i>Frontiers in Immunology</i> , 2017, 8, 1748.	4.8	45
18	Structural insights into chaperone-activity enhancement by a K354E mutation in tomato acidic leucine aminopeptidase. <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 694-702.	2.3	4

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19	NMR Crystallography of a Carbanionic Intermediate in Tryptophan Synthase: Chemical Structure, Tautomerization, and Reaction Specificity. <i>Journal of the American Chemical Society</i> , 2016, 138, 15214-15226.	13.7	59
20	Visualizing the tunnel in tryptophan synthase with crystallography: Insights into a selective filter for accommodating indole and rejecting water. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 268-279.	2.3	26
21	Catalytic roles of ^{15}N -Lys87 in tryptophan synthase: ^{15}N solid state NMR studies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1194-1199.	2.3	13
22	XPB: An unconventional SF2 DNA helicase. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 117, 174-181.	2.9	28
23	Structure of tomato wound-induced leucine aminopeptidase sheds light on substrate specificity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1649-1658.	2.5	13
24	How two helicases work together within the TFIIH complex, a perspective from structural studies of XPB and XPD helicases. <i>Frontiers in Biology</i> , 2013, 8, 363-368.	0.7	3
25	Expression and Purification of the Human Xeroderma Pigmentosum F (XPF/ERCC1) Complex in Bacterial Cells for Protein Binding Assays and Crystallographic Studies. <i>FASEB Journal</i> , 2012, 26, 932.1.	0.5	0
26	XPD Helicase Structures and Activities: Insights into the Cancer and Aging Phenotypes from XPD Mutations. <i>Cell</i> , 2008, 133, 789-800.	28.9	593
27	A Novel Processive Mechanism for DNA Synthesis Revealed by Structure, Modeling and Mutagenesis of the Accessory Subunit of Human Mitochondrial DNA Polymerase. <i>Journal of Molecular Biology</i> , 2006, 358, 1229-1243.	4.2	66
28	Conserved XPB Core Structure and Motifs for DNA Unwinding: Implications for Pathway Selection of Transcription or Excision Repair. <i>Molecular Cell</i> , 2006, 22, 27-37.	9.7	140
29	Complex of linker histone H5 with the nucleosome and its implications for chromatin packing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8384-8389.	7.1	89
30	Biochemical genetics of the mitochondrial replisome. <i>FASEB Journal</i> , 2006, 20, .	0.5	0