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	XPD Helicase Structures and Activities: Insights into the Cancer and Aging Phenotypes from XPD Mutations. Cell, 2008, 133, 789-800.	28.9	593
2	Conserved XPB Core Structure and Motifs for DNA Unwinding: Implications for Pathway Selection of Transcription or Excision Repair. Molecular Cell, 2006, 22, 27-37.	9.7	140
3	The Potential Role of circRNA in Tumor Immunity Regulation and Immunotherapy. Frontiers in Immunology, 2018, 9, 9.	4.8	124
4	Complex of linker histone H5 with the nucleosome and its implications for chromatin packing. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8384-8389.	7.1	89
5	A cytoplasmic long noncoding RNA LINC00470 as a new AKT activator to mediate glioblastoma cell autophagy. Journal of Hematology and Oncology, 2018, 11, 77.	17.0	74
6	A Novel Processive Mechanism for DNA Synthesis Revealed by Structure, Modeling and Mutagenesis of the Accessory Subunit of Human Mitochondrial DNA Polymerase. Journal of Molecular Biology, 2006, 358, 1229-1243.	4.2	66
7	NMR Crystallography of a Carbanionic Intermediate in Tryptophan Synthase: Chemical Structure, Tautomerization, and Reaction Specificity. Journal of the American Chemical Society, 2016, 138, 15214-15226.	13.7	59
8	The nuclear transportation routes of membrane-bound transcription factors. Cell Communication and Signaling, 2018, 16, 12.	6.5	52
9	Human resistin protects against endotoxic shock by blocking LPSâ€“TLR4 interaction. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10399-E10408.	7.1	51
10	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. Frontiers in Immunology, 2017, 8, 1748.	4.8	45
11	Hypermethylated gene ANKDD1A is a candidate tumor suppressor that interacts with FIH1 and decreases HIF1Î± stability to inhibit cell autophagy in the glioblastoma multiforme hypoxia microenvironment. Oncogene, 2019, 38, 103-119.	5.9	37
12	XPB: An unconventional SF2 DNA helicase. Progress in Biophysics and Molecular Biology, 2015, 117, 174-181.	2.9	28
13	Visualizing the tunnel in tryptophan synthase with crystallography: Insights into a selective filter for accommodating indole and rejecting water. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 268-279.	2.3	26
14	Structure and Function of a Novel ATPase that Interacts with Holliday Junction Resolvase Hjc and Promotes Branch Migration. Journal of Molecular Biology, 2017, 429, 1009-1029.	4.2	19
15	The archaeal ATPase PINA interacts with the helicase Hjm via its carboxyl terminal KH domain remodeling and processing replication fork and Holliday junction. Nucleic Acids Research, 2018, 46, 6627-6641.	14.5	19
16	Structure of tomato wound-induced leucine aminopeptidase sheds light on substrate specificity. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 1649-1658.	2.5	13
17	Catalytic roles of Î²Lys87 in tryptophan synthase: 15N solid state NMR studies. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1194-1199.	2.3	13
18	Discovery of antimicrobial agent targeting tryptophan synthase. Protein Science, 2022, 31, 432-442.	7.6	10

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19	Application of Electrochemical Devices to Characterize the Dynamic Actions of Helicases on DNA. Analytical Chemistry, 2018, 90, 2178-2185.	6.5	7
20	Backbone assignments and conformational dynamics in the S. typhimurium tryptophan synthase Î±-subunit from solution-state NMR. Journal of Biomolecular NMR, 2020, 74, 341-354.	2.8	6
21	Structural basis of the XPBâ€“Bax1 complex as a dynamic helicaseâ€“nuclease machinery for DNA repair. Nucleic Acids Research, 2020, 48, 6326-6339.	14.5	6
22	Structural insights into chaperone-activity enhancement by a K354E mutation in tomato acidic leucine aminopeptidase. Acta Crystallographica Section D: Structural Biology, 2016, 72, 694-702.	2.3	4
23	How two helicases work together within the TFIIH complex, a perspective from structural studies of XPB and XPD helicases. Frontiers in Biology, 2013, 8, 363-368.	0.7	3
24	Structural basis of the XPB helicaseâ€“Bax1 nuclease complex interacting with the repair bubble DNA. Nucleic Acids Research, 2020, 48, 11695-11705.	14.5	3
25	Structural and biochemical characterization of a glutathione transferase from the citrus canker pathogenXanthomonas. Acta Crystallographica Section D: Structural Biology, 2020, 76, 778-789.	2.3	1
26	PCR Mutagenesis, Cloning, Expression, Fast Protein Purification Protocols and Crystallization of the Wild Type and Mutant Forms of Tryptophan Synthase. Journal of Visualized Experiments, 2020, , .	0.3	1
27	Biochemical genetics of the mitochondrial replisome. FASEB Journal, 2006, 20, .	0.5	0
28	Expression and Purification of the Human Xeroderma Pigmentosum F (XPF/ERCC1) Complex in Bacterial Cells for Protein Binding Assays and Crystallographic Studies. FASEB Journal, 2012, 26, 932.1.	0.5	0
29	Chemical IN04 Inhibits the Kinase Domain not the ROC Domain of LRRK1: Results from Homology Modeling and Molecular Docking. Medicinal Chemistry, 2021, 17, 1140-1150.	1.5	0
30	Chemical IN04 Inhibits the Kinase Domain not the ROC Domain of LRRK1: Results from Homology Modeling and Molecular Docking. Medicinal Chemistry, 2021, 17, 1140-1150.	1.5	0