

Jixi Li

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,478
citations

257450

24
h-index

149698

56
g-index

80
all docs

80
docs citations

80
times ranked

5757
citing authors

#	ARTICLE	IF	CITATIONS
1	The RIP1/RIP3 Necrosome Forms a Functional Amyloid Signaling Complex Required for Programmed Necrosis. <i>Cell</i> , 2012, 150, 339-350.	28.9	968
2	Widespread and Functional RNA Circularization in Localized Prostate Cancer. <i>Cell</i> , 2019, 176, 831-843.e22.	28.9	317
3	Cas12aVDeT: A CRISPR/Cas12a-Based Platform for Rapid and Visual Nucleic Acid Detection. <i>Analytical Chemistry</i> , 2019, 91, 12156-12161.	6.5	254
4	The Structure of the Necrosome RIPK1-RIPK3 Core, a Human Hetero-Amyloid Signaling Complex. <i>Cell</i> , 2018, 173, 1244-1253.e10.	28.9	216
5	Structure insight of GSDMD reveals the basis of GSDMD autoinhibition in cell pyroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10642-10647.	7.1	172
6	Crystal structure of an RNA-cleaving DNAzyme. <i>Nature Communications</i> , 2017, 8, 2006.	12.8	155
7	Deacetylation of serine hydroxymethyl-transferase 2 by SIRT3 promotes colorectal carcinogenesis. <i>Nature Communications</i> , 2018, 9, 4468.	12.8	120
8	Structural Biology of Innate Immunity. <i>Annual Review of Immunology</i> , 2015, 33, 393-416.	21.8	100
9	Structural Basis of Signal Transduction in the TNF Receptor Superfamily. <i>Advances in Immunology</i> , 2013, 119, 135-153.	2.2	98
10	Structural Insights into the Assembly of Large Oligomeric Signalosomes in the Toll-Like Receptor-Interleukin-1 Receptor Superfamily. <i>Science Signaling</i> , 2012, 5, re3.	3.6	63
11	Peptidoglycan-Sensing Receptors Trigger the Formation of Functional Amyloids of the Adaptor Protein Imd to Initiate Drosophila NF- κ B Signaling. <i>Immunity</i> , 2017, 47, 635-647.e6.	14.3	63
12	A DNA Structure Containing Ag ^I -Mediated G:G and C:C Base Pairs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9430-9434.	13.8	60
13	Acetylation promotes TyrRS nuclear translocation to prevent oxidative damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 687-692.	7.1	59
14	Mapping the Broad Structural and Mechanical Properties of Amyloid Fibrils. <i>Biophysical Journal</i> , 2017, 112, 584-594.	0.5	40
15	Metabolic intermediate acetyl phosphate modulates bacterial virulence <i>via</i> acetylation. <i>Emerging Microbes and Infections</i> , 2019, 8, 55-69.	6.5	37
16	Structural basis of cell apoptosis and necrosis in TNFR signaling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 210-215.	4.9	34
17	Flexibility and stabilization of Hg ^{II} -mediated C:T and T:T base pairs in DNA duplex. <i>Nucleic Acids Research</i> , 2017, 45, gkw1296.	14.5	33
18	Structural insights of a hormone sensitive lipase homologue Est22. <i>Scientific Reports</i> , 2016, 6, 28550.	3.3	33

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19	Discovery and engineering of small SlugCas9 with broad targeting range and high specificity and activity. <i>Nucleic Acids Research</i> , 2021, 49, 4008-4019.	14.5	33
20	TRIM21 regulates pyroptotic cell death by promoting Gasdermin D oligomerization. <i>Cell Death and Differentiation</i> , 2022, 29, 439-450.	11.2	33
21	Crystal structure and versatile functional roles of the COP9 signalosome subunit 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11845-11850.	7.1	31
22	Identification and characterization of human uracil phosphoribosyltransferase (UPRTase). <i>Journal of Human Genetics</i> , 2007, 52, 415-422.	2.3	30
23	A Novel Halotolerant Thermoalkaliphilic Esterase from Marine Bacterium <i>Erythrobacter seohaensis</i> SW-135. <i>Frontiers in Microbiology</i> , 2017, 8, 2315.	3.5	29
24	Structural Basis of Human Helicase DDX21 in RNA Binding, Unwinding, and Antiviral Signal Activation. <i>Advanced Science</i> , 2020, 7, 2000532.	11.2	29
25	Structure of the error-prone DNA ligase of African swine fever virus identifies critical active site residues. <i>Nature Communications</i> , 2019, 10, 387.	12.8	28
26	Cloning and Analysis of Human Apg16L. <i>DNA Sequence</i> , 2004, 15, 303-305.	0.7	25
27	Structural Study of the RIPoptosome Core Reveals a Helical Assembly for Kinase Recruitment. <i>Biochemistry</i> , 2014, 53, 5424-5431.	2.5	25
28	E3 ligase TRIM25 ubiquitinates RIP3 to inhibit TNF induced cell necrosis. <i>Cell Death and Differentiation</i> , 2021, 28, 2888-2899.	11.2	25
29	Crystal Structure of Human Guanosine Monophosphate Reductase 2 (GMPR2) in Complex with GMP. <i>Journal of Molecular Biology</i> , 2006, 355, 980-988.	4.2	24
30	High-resolution DNA quadruplex structure containing all the A-, G-, C-, T-tetrads. <i>Nucleic Acids Research</i> , 2018, 46, 11627-11638.	14.5	24
31	A DNA Structure Containing Ag ⁺ -Mediated G:G and C:C Base Pairs. <i>Angewandte Chemie</i> , 2017, 129, 9558-9562.	2.0	21
32	Unique 5 [′] -P recognition and basis for dG:dGTP misincorporation of ASFV DNA polymerase X. <i>PLoS Biology</i> , 2017, 15, e1002599.	5.6	21
33	Identification and characterization of a novel Cut family cDNA that encodes human copper transporter protein CutC. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 179-183.	2.1	18
34	GGNBP2 is necessary for testis morphology and sperm development. <i>Scientific Reports</i> , 2017, 7, 2998.	3.3	18
35	Molecular Cloning and Characterization of a Novel Human Putative Transmembrane Protein Homologous to Mouse Sideroflexin Associated with Sideroblastic Anemia. <i>DNA Sequence</i> , 2003, 14, 369-373.	0.7	17
36	Cloning and characterization of a novel small monomeric GTPase, RasL10B, with tumor suppressor potential. <i>Biotechnology Letters</i> , 2006, 28, 1901-1908.	2.2	17

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37	An MST4- β -Catenin ^{Thr40} Signaling Axis Controls Intestinal Stem Cell and Tumorigenesis. <i>Advanced Science</i> , 2021, 8, e2004850.	11.2	16
38	Structural Insights into the Association of Hif1 with Histones H2A-H2B Dimer and H3-H4 Tetramer. <i>Structure</i> , 2016, 24, 1810-1820.	3.3	14
39	A unique DNA-binding mode of African swine fever virus AP endonuclease. <i>Cell Discovery</i> , 2020, 6, 13.	6.7	13
40	Structural and Functional Insights Into CmGH1, a Novel GH39 Family β -Glucosidase From Deep-Sea Bacterium. <i>Frontiers in Microbiology</i> , 2019, 10, 2922.	3.5	11
41	Structural insights into DNA degradation by human mitochondrial nuclease MGME1. <i>Nucleic Acids Research</i> , 2018, 46, 11075-11088.	14.5	10
42	Expression of lipoprotein lipase associated with lung adenocarcinoma tissues. <i>Molecular Biology Reports</i> , 2008, 35, 59-63.	2.3	9
43	Structure-guided protein engineering increases enzymatic activities of the SGNH family esterases. <i>Biotechnology for Biofuels</i> , 2020, 13, 107.	6.2	9
44	Systematic Analysis of Chemokines Reveals CCL18 is a Prognostic Biomarker in Glioblastoma. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 2731-2743.	3.5	9
45	Structural studies reveal a ring-shaped architecture of deep-sea vent phage NrS-1 polymerase. <i>Nucleic Acids Research</i> , 2020, 48, 3343-3355.	14.5	8
46	Structural basis for multiple gene regulation by human DUX4. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1161-1167.	2.1	7
47	Proteome-Wide Profiling of Readers for DNA Modification. <i>Advanced Science</i> , 2021, 8, e2101426.	11.2	7
48	Kynurenine derivative 3-HAA is an agonist ligand for transcription factor YY1. <i>Journal of Hematology and Oncology</i> , 2021, 14, 153.	17.0	7
49	Structural insights into the complex of trigger factor chaperone and ribosomal protein S7 from <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 838-844.	2.1	6
50	Detecting genetic hypermutability of gastrointestinal tumor by using a forensic STR kit. <i>Frontiers of Medicine</i> , 2020, 14, 101-111.	3.4	6
51	Role of Chromatin Remodeling Genes and TETs in the Development of Human Midbrain Dopaminergic Neurons. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 718-729.	3.8	6
52	Structural and Catalytic Characterization of TsBGL, a β -Glucosidase From <i>Thermofilum</i> sp. ex4484_79. <i>Frontiers in Microbiology</i> , 2021, 12, 723678.	3.5	6
53	A novel SGNH family hydrolase Ali5 with thioesterase activity and a GNSL motif but without a classic GDSL motif from <i>Altererythrobacter ishigakiensis</i> . <i>Biotechnology Letters</i> , 2019, 41, 591-604.	2.2	5
54	Single-Molecule Mechanical Unfolding of AT-Rich Chromosomal Fragile Site DNA Hairpins: Resolving the Thermodynamic and Kinetic Effects of a Single G-T Mismatch. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9365-9370.	2.6	5

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55	Pan-cancer analysis identifies RNA helicase DDX1 as a prognostic marker. <i>Phenomics</i> , 2022, 2, 33.	2.9	5
56	Cloning and Characterization of a Novel Human TGF- β Activated Kinase-Like Gene. <i>Biochemical Genetics</i> , 2004, 42, 129-137.	1.7	4
57	Characterization of a cDNA encoding a protein with limited similarity to β 1, 3-N-acetylglucosaminyltransferase. <i>Molecular Biology Reports</i> , 2004, 31, 171-175.	2.3	4
58	Characterization and enzymatic properties of protein kinase ACR4 from <i>Arabidopsis thaliana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 270-274.	2.1	4
59	Crystal structure of <i>Pelagibacterium halotolerans</i> PE8: New insight into its substrate-binding pattern. <i>Scientific Reports</i> , 2017, 7, 4422.	3.3	4
60	Crystal structure of human archease, a key cofactor of tRNA splicing ligase complex. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 122, 105744.	2.8	4
61	Investigation of an Alternative Marker for Hypermethylability Evaluation in Different Tumors. <i>Genes</i> , 2021, 12, 197.	2.4	4
62	Novel Structures of Type 1 Glyceraldehyde-3-phosphate Dehydrogenase from <i>Escherichia coli</i> Provide New Insights into the Mechanism of Generation of 1,3-Bisphosphoglyceric Acid. <i>Biomolecules</i> , 2021, 11, 1565.	4.0	4
63	Molecular cloning and characterization of a novel human gene containing 4 ankyrin repeat domains. <i>Cellular and Molecular Biology Letters</i> , 2005, 10, 185-93.	7.0	4
64	A novel splice variant of human XRN2 gene is mainly expressed in blood leukocyte. <i>DNA Sequence</i> , 2005, 16, 143-146.	0.7	3
65	The Trp183 is essential in lactonohydrolase ZHD detoxifying zearalenone and zearalenols. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 986-989.	2.1	3
66	Structural basis for guide RNA trimming by RNase D ribonuclease in <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2021, 49, 568-583.	14.5	3
67	Mechanism and Structural Insights Into a Novel Esterase, E53, Isolated From <i>Erythrobacter longus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 798194.	3.5	2
68	Structural analysis and functional study of phosphofructokinase B (PfkB) from <i>Mycobacterium marinum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2021, 579, 129-135.	2.1	1
69	Purification and enzymatic characterization of the RNA ligase RTCB from <i>Thermus thermophilus</i> . <i>Biotechnology Letters</i> , 2019, 41, 1051-1057.	2.2	0
70	Structural Basis of Death Receptor Signaling. , 2014, , 253-266.		0