

# Da Jia

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

4,745  
citations

279701

23  
h-index

143943

57  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5801  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNMT3L connects unmethylated lysine 4 of histone H3 to de novo methylation of DNA. <i>Nature</i> , 2007, 448, 714-717.	13.7	1,369
2	Structure of Dnmt3a bound to Dnmt3L suggests a model for de novo DNA methylation. <i>Nature</i> , 2007, 449, 248-251.	13.7	717
3	Regulation of Estrogen Receptor $\hat{\pm}$ by the SET7 Lysine Methyltransferase. <i>Molecular Cell</i> , 2008, 30, 336-347.	4.5	259
4	Regulation of WASH-Dependent Actin Polymerization and Protein Trafficking by Ubiquitination. <i>Cell</i> , 2013, 152, 1051-1064.	13.5	201
5	WASH and WAVE actin regulators of the Wiskottâ€™Aldrich syndrome protein (WASP) family are controlled by analogous structurally related complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10442-10447.	3.3	193
6	In Vitro and in Vivo Analyses of a Phe/Tyr Switch Controlling Product Specificity of Histone Lysine Methyltransferases. <i>Journal of Biological Chemistry</i> , 2005, 280, 5563-5570.	1.6	166
7	Retromer Binding to FAM21 and the WASH Complex Is Perturbed by the Parkinson Disease-Linked VPS35(D620N) Mutation. <i>Current Biology</i> , 2014, 24, 1670-1676.	1.8	162
8	Targeted protein degradation: mechanisms, strategies and application. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 113.	7.1	162
9	Multiple repeat elements within the FAM21 tail link the WASH actin regulatory complex to the retromer. <i>Molecular Biology of the Cell</i> , 2012, 23, 2352-2361.	0.9	161
10	Endosomal receptor trafficking: Retromer and beyond. <i>Traffic</i> , 2018, 19, 578-590.	1.3	133
11	Formation of nucleoprotein filaments by mammalian DNA methyltransferase Dnmt3a in complex with regulator Dnmt3L. <i>Nucleic Acids Research</i> , 2008, 36, 6656-6663.	6.5	109
12	Structural and mechanistic insights into regulation of the retromer coat by TBC1d5. <i>Nature Communications</i> , 2016, 7, 13305.	5.8	88
13	Inhibiting cancer cell hallmark features through nuclear export inhibition. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, 16010.	7.1	87
14	Site-Divergent Delivery of Terminal Propargyls to Carbohydrates by Synergistic Catalysis. <i>CheM</i> , 2017, 3, 834-845.	5.8	83
15	Endosomal PI(3)P regulation by the COMMD/CCDC22/CCDC93 (CCC) complex controls membrane protein recycling. <i>Nature Communications</i> , 2019, 10, 4271.	5.8	76
16	Endosomal sorting of Notch receptors through COMMD9-dependent pathways modulates Notch signaling. <i>Journal of Cell Biology</i> , 2015, 211, 605-617.	2.3	62
17	Mechanism of inhibition of retromer transport by the bacterial effector RidL. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1446-E1454.	3.3	52
18	Mechanism of cargo recognition by retromer-linked SNX-BAR proteins. <i>PLoS Biology</i> , 2020, 18, e3000631.	2.6	51

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19	Endosome-to-TGN Trafficking: Organelle-Vesicle and Organelle-Organelle Interactions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 163.	1.8	48
20	Structural and functional insights into sorting nexin 5/6 interaction with bacterial effector IncE. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17030.	7.1	36
21	SNX27-FERM-SNX1 complex structure rationalizes divergent trafficking pathways by SNX17 and SNX27. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
22	TBC1D5 controls the GTPase cycle of Rab7b. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	32
23	Phosphorylation of SNX27 by MAPK11/14 links cellular stress signaling pathways with endocytic recycling. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	30
24	Steroidal alkaloid solanine A from <i>Solanum nigrum</i> Linn. exhibits anti-inflammatory activity in lipopolysaccharide/interferon $\gamma$ -activated murine macrophages and animal models of inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 606-615.	2.5	28
25	Cryo-EM structures of human GMPPA-GMPPB complex reveal how cells maintain GDP-mannose homeostasis. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 1-12.	3.6	26
26	Astragalus polysaccharides exerts anti-infective activity by inducing human cathelicidin antimicrobial peptide $\alpha$ -defensin in respiratory epithelial cells. <i>Phytotherapy Research</i> , 2018, 32, 1521-1529.	2.8	25
27	Structural and mechanistic insights into secretogin-mediated exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6559-6570.	3.3	25
28	Natural compounds in the chemoprevention of alcoholic liver disease. <i>Phytotherapy Research</i> , 2019, 33, 2192-2212.	2.8	24
29	Model-based analysis uncovers mutations altering autophagy selectivity in human cancer. <i>Nature Communications</i> , 2021, 12, 3258.	5.8	24
30	Structural and functional studies of TBC1D23 C-terminal domain provide a link between endosomal trafficking and PCH. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22598-22608.	3.3	21
31	A thiazole-derived oridonin analogue exhibits antitumor activity by directly and allosterically inhibiting STAT3. <i>Journal of Biological Chemistry</i> , 2019, 294, 17471-17486.	1.6	20
32	Targeting Endosomal Recycling Pathways by Bacterial and Viral Pathogens. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648024.	1.8	18
33	Allosteric inhibitors of the STAT3 signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2020, 190, 112122.	2.6	16
34	SCGN deficiency results in colitis susceptibility. <i>ELife</i> , 2019, 8, .	2.8	16
35	Mapping of Protein-Protein Interaction Sites by the "Absence of Interference" Approach. <i>Journal of Molecular Biology</i> , 2008, 376, 1091-1099.	2.0	14
36	Structure-Guided Design of the First Noncovalent Small-Molecule Inhibitor of CRM1. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6596-6607.	2.9	14

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37	Molecular determinants for regulation of G3BP1/2 phase separation by the SARS-CoV-2 nucleocapsid protein. <i>Cell Discovery</i> , 2021, 7, 69.	3.1	14
38	SARS-CoV-2 spike protein harnesses SNX27-mediated endocytic recycling pathway. <i>MedComm</i> , 2021, 2, 798-809.	3.1	13
39	Reduced thiamine binding is a novel mechanism for TPK deficiency disorder. <i>Molecular Genetics and Genomics</i> , 2019, 294, 409-416.	1.0	12
40	An evolving understanding of sorting signals for endosomal retrieval. <i>IScience</i> , 2022, 25, 104254.	1.9	12
41	Distinct RanBP1 nuclear export and cargo dissociation mechanisms between fungi and animals. <i>ELife</i> , 2019, 8, .	2.8	11
42	Structure of TBC1D23 N-terminus reveals a novel role for rhodanese domain. <i>PLoS Biology</i> , 2020, 18, e3000746.	2.6	11
43	Expression and purification of the SNX1/SNX6 complex. <i>Protein Expression and Purification</i> , 2018, 151, 93-98.	0.6	8
44	GMPPB-congenital disorders of glycosylation associate with decreased enzymatic activity of GMPPB. <i>Molecular Biomedicine</i> , 2021, 2, 13.	1.7	8
45	Engineering chromosome region maintenance 1 fragments that bind to nuclear export signals. <i>Protein Science</i> , 2020, 29, 1366-1372.	3.1	7
46	All ways lead to Rome: assembly of retromer on membranes with different sorting nexins. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 139.	7.1	7
47	Novel Mechanistic Observations and NES-Binding Groove Features Revealed by the CRM1 Inhibitors Plumbagin and Oridonin. <i>Journal of Natural Products</i> , 2021, 84, 1478-1488.	1.5	5
48	Biophysical and biochemical properties of PHGDH revealed by studies on PHGDH inhibitors. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	5
49	Cancer Therapy with Nanoparticle-Medicated Intracellular Expression of Peptide CRM1-Inhibitor. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2833-2847.	3.3	4
50	Role of Seipin in Human Diseases and Experimental Animal Models. <i>Biomolecules</i> , 2022, 12, 840.	1.8	4
51	Determining the Fate of Neurons in SCA3: ATX3, a Rising Decision Maker in Response to DNA Stresses and Beyond. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 619911.	1.8	3
52	Design and structural characterization of autoinhibition-compromised full-length Ran. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 44.	7.1	3
53	iCAL: a new pipeline to investigate autophagy selectivity and cancer. <i>Autophagy</i> , 2021, 17, 1799-1801.	4.3	3
54	GEF-independent Ran activation shifts a fraction of the protein to the cytoplasm and promotes cell proliferation. <i>Molecular Biomedicine</i> , 2020, 1, 18.	1.7	3

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55	Nuclear import receptors and hnRNPk mediates nuclear import and stress granule localization of SIRLOIN. Cellular and Molecular Life Sciences, 2021, 78, 7617-7633.	2.4	2
56	Epigenetic link between DNA methylation and histone modifications. FASEB Journal, 2008, 22, 778.1.	0.2	1
57	Methylation On The Nucleosome. , 2009, , 7-35.		1
58	P138 SCGN DEFICIENCY RESULTS IN COLITIS SUSCEPTIBILITY. Gastroenterology, 2020, 158, S51-S52.	0.6	0
59	Multimerisation of the Dnmt3L-Dnmt3a complex on DNA and its mechanistic implications. , 0, 2008, .		0
60	Endosomal sorting of Notch receptors through COMMD9-dependent pathways modulates Notch signaling. Journal of Experimental Medicine, 2015, 212, 21212OIA104.	4.2	0