

# Hai-Ning Du

## List of Publications by Year in descending order

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43  
papers

3,288  
citations

257450

24  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

5596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	HISTONE MONOUBIQUITINATION1 Interacts with a Subunit of the Mediator Complex and Regulates Defense against Necrotrophic Fungal Pathogens in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 1000-1019.	6.6	232
3	A Peptide Motif Consisting of Glycine, Alanine, and Valine Is Required for the Fibrillization and Cytotoxicity of Human $\alpha$ -Synuclein. <i>Biochemistry</i> , 2003, 42, 8870-8878.	2.5	153
4	Polo-like Kinase-1 Regulates Myc Stabilization and Activates a Feedforward Circuit Promoting Tumor Cell Survival. <i>Molecular Cell</i> , 2016, 64, 493-506.	9.7	123
5	Plk1- and $\gamma$ -TrCP-dependent degradation of Bora controls mitotic progression. <i>Journal of Cell Biology</i> , 2008, 181, 65-78.	5.2	116
6	Inhibition of $\alpha$ -Synuclein fibrillization by dopamine analogs via reaction with the amino groups of $\alpha$ -Synuclein. <i>FEBS Journal</i> , 2005, 272, 3661-3672.	4.7	101
7	Polyubiquitination of the demethylase Jhd2 controls histone methylation and gene expression. <i>Genes and Development</i> , 2009, 23, 951-962.	5.9	92
8	Alpha-to-beta structural transformation of ovalbumin: heat and pH effects. , 2000, 19, 177-183.		83
9	Epitaxial Growth of Peptide Nanofilaments on Inorganic Surfaces: Effects of Interfacial Hydrophobicity/Hydrophilicity. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3611-3613.	13.8	77
10	$\beta$ -Sheet structure formation of proteins in solid state as revealed by circular dichroism spectroscopy. <i>Biopolymers</i> , 2001, 62, 15-21.	2.4	69
11	Structural transformation and aggregation of human $\beta$ -synuclein in trifluoroethanol: Non-amyloid component sequence is essential and $\beta$ -sheet formation is prerequisite to aggregation. <i>Biopolymers</i> , 2002, 64, 221-226.	2.4	66
12	Histone H3 K36 methylation is mediated by a trans-histone methylation pathway involving an interaction between Set2 and histone H4. <i>Genes and Development</i> , 2008, 22, 2786-2798.	5.9	64
13	Pathological concentration of zinc dramatically accelerates abnormal aggregation of full-length human $\tau$ and thereby significantly increases $\tau$ toxicity in neuronal cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 414-427.	3.8	60
14	A methylation-phosphorylation switch determines Plk1 kinase activity and function in DNA damage repair. <i>Science Advances</i> , 2019, 5, eaau7566.	10.3	52
15	A Conserved Interaction between the SDI Domain of Bre2 and the Dpy-30 Domain of Sdc1 Is Required for Histone Methylation and Gene Expression*. <i>Journal of Biological Chemistry</i> , 2010, 285, 595-607.	3.4	49
16	USP2a Supports Metastasis by Tuning TGF- $\beta$ Signaling. <i>Cell Reports</i> , 2018, 22, 2442-2454.	6.4	49
17	Pathological hydrogen peroxide triggers the fibrillization of wild-type SOD1 via sulfenic acid modification of Cys-111. <i>Cell Death and Disease</i> , 2018, 9, 67.	6.3	49
18	Cell cycle-dependent degradation of the methyltransferase SETD3 attenuates cell proliferation and liver tumorigenesis. <i>Journal of Biological Chemistry</i> , 2017, 292, 9022-9033.	3.4	43

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19	Charge-based Interaction Conserved within Histone H3 Lysine 4 (H3K4) Methyltransferase Complexes Is Needed for Protein Stability, Histone Methylation, and Gene Expression. <i>Journal of Biological Chemistry</i> , 2012, 287, 2652-2665.	3.4	40
20	A Nucleosome Surface Formed by Histone H4, H2A, and H3 Residues Is Needed for Proper Histone H3 Lys36 Methylation, Histone Acetylation, and Repression of Cryptic Transcription. <i>Journal of Biological Chemistry</i> , 2010, 285, 11704-11713.	3.4	35
21	Induction of INK1 by Viral Infection Negatively Regulates Antiviral Responses through Inhibiting Phosphorylation of p65 and IRF3. <i>Cell Host and Microbe</i> , 2017, 22, 86-98.e4.	11.0	30
22	Controlling histone methylation via trans-histone pathways. <i>Epigenetics</i> , 2008, 3, 237-242.	2.7	29
23	Acceleration of $\alpha$ -synuclein aggregation by homologous peptides. <i>FEBS Letters</i> , 2006, 580, 3657-3664.	2.8	27
24	Gcn5-mediated Rph1 acetylation regulates its autophagic degradation under DNA damage stress. <i>Nucleic Acids Research</i> , 2017, 45, 5183-5197.	14.5	27
25	The Paf1 complex transcriptionally regulates the mitochondrial-anchored protein Atg32 leading to activation of mitophagy. <i>Autophagy</i> , 2020, 16, 1366-1379.	9.1	26
26	MiR-15b and miR-322 inhibit SETD3 expression to repress muscle cell differentiation. <i>Cell Death and Disease</i> , 2019, 10, 183.	6.3	20
27	Transcription, DNA Damage and Beyond: The Roles of Histone Ubiquitination and Deubiquitination. <i>Current Protein and Peptide Science</i> , 2012, 13, 447-466.	1.4	19
28	Study of protein-protein interactions by fluorescence of tryptophan analogs: Application to immunoglobulin G binding domain of streptococcal protein G. <i>Biopolymers</i> , 2003, 72, 116-122.	2.4	16
29	O <sup>6</sup> -GlcNAcylation of TDP <sup>43</sup> suppresses proteinopathies and promotes TDP <sup>43</sup> 's mRNA splicing activity. <i>EMBO Reports</i> , 2021, 22, e51649.	4.5	15
30	Derivation of feeder-free human extended pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 1686-1696.	4.8	15
31	In Vitro Histone Methyltransferase Assay. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot4939.	0.3	13
32	Old factors, new players: transcriptional regulation of autophagy. <i>Autophagy</i> , 2020, 16, 956-958.	9.1	11
33	The methyltransferase SETD3-mediated histidine methylation: Biological functions and potential implications in cancers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188465.	7.4	11
34	Assembly of $\alpha$ -synuclein fibrils in nanoscale studied by peptide truncation and AFM. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 388-394.	2.1	10
35	Study of the disassembly/assembly process of $\alpha$ -synuclein fibrils by in situ atomic force microscopy. <i>Micron</i> , 2006, 37, 675-679.	2.2	7
36	Construction of a series of pCS2+ backbone-based Gateway vectors for overexpressing various tagged proteins in vertebrates. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 1128-1134.	2.0	5

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37	An Unstructured Region is Required by GAV Homologue for the Fibrillization of Host Proteins. <i>Protein Journal</i> , 2005, 24, 209-218.	1.6	3
38	Rph1 coordinates transcription of ribosomal protein genes and ribosomal RNAs to control cell growth under nutrient stress conditions. <i>Nucleic Acids Research</i> , 2020, 48, 8360-8373.	14.5	3
39	Set2-mediated H3K36 methylation states redundantly repress the production of antisense transcripts: role in transcription regulation. <i>FEBS Open Bio</i> , 2021, 11, 2225-2235.	2.3	2
40	Transcriptional memory of different types of genes is generally maintained under various environmental conditions in <i>Saccharomyces cerevisiae</i> . <i>Journal of Genetics and Genomics</i> , 2021, , .	3.9	1
41	SETD3 Methyltransferase Regulates PLK1 Expression to Promote In Situ Hepatic Carcinogenesis. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	1
42	Effects of segment substitution on the structure and stability of immunoglobulin G binding domain of streptococcal protein G. <i>Biopolymers</i> , 2005, 79, 9-17.	2.4	0
43	Novel Secondary Structure of Calcitonin in Solid State as Revealed by Circular Dichroism Spectroscopy. <i>Chinese Journal of Chemistry</i> , 2002, 20, 697-698.	4.9	0