

# Yu Ding

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,492  
citations

394421

19  
h-index

330143

37  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allele-selective lowering of mutant HTT protein by HTT <sup>Δ</sup> LC3 linker compounds. <i>Nature</i> , 2019, 575, 203-209.	27.8	288
2	Molecular Glues for Targeted Protein Degradation: From Serendipity to Rational Discovery. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10606-10620.	6.4	144
3	Emerging New Concepts of Degradation Technologies. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 464-474.	8.7	116
4	ATTEC: a potential new approach to target proteinopathies. <i>Autophagy</i> , 2020, 16, 185-187.	9.1	107
5	Degradation of lipid droplets by chimeric autophagy-tethering compounds. <i>Cell Research</i> , 2021, 31, 965-979.	12.0	88
6	Glyco-regioisomerism Effect on Lectin-Binding and Cell-Uptake Pathway of Glycopolymer-Containing Nanoparticles. <i>ACS Macro Letters</i> , 2014, 3, 96-101.	4.8	59
7	Suppression of MAPK11 or HIPK3 reduces mutant Huntingtin levels in Huntington's disease models. <i>Cell Research</i> , 2017, 27, 1441-1465.	12.0	52
8	A Novel Method for High-Level Production of TEV Protease by Superfolder GFP Tag. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-8.	3.0	50
9	( $\hat{\pm}$ )-Epigallocatechin-3-gallate (EGCG) inhibits fibrillation, disaggregates amyloid fibrils of $\hat{\pm}$ -synuclein, and protects PC12 cells against $\hat{\pm}$ -synuclein-induced toxicity. <i>RSC Advances</i> , 2017, 7, 32508-32517.	3.6	50
10	Natural products triptolide, celastrol, and withaferin A inhibit the chaperone activity of peroxiredoxin I. <i>Chemical Science</i> , 2015, 6, 4124-4130.	7.4	43
11	Metal chelator $\langle \text{sc} \rangle \text{EGCG} \langle / \text{sc} \rangle$ attenuates $\text{Fe}(\langle \text{sc} \rangle \text{III} \langle / \text{sc} \rangle)$ -induced conformational transition of $\hat{\pm}$ -synuclein and protects $\langle \text{sc} \rangle \text{AS} \langle / \text{sc} \rangle$ -PC12 cells against $\text{Fe}(\langle \text{sc} \rangle \text{III} \langle / \text{sc} \rangle)$ -induced death. <i>Journal of Neurochemistry</i> , 2017, 143, 136-146.	3.9	38
12	cAMP/protein kinase A signalling pathway protects against neuronal apoptosis and is associated with modulation of Kv2.1 in cerebellar granule cells. <i>Journal of Neurochemistry</i> , 2007, 100, 979-991.	3.9	35
13	Complex of EGCG with Cu(II) Suppresses Amyloid Aggregation and Cu(II)-Induced Cytotoxicity of $\hat{\pm}$ -Synuclein. <i>Molecules</i> , 2019, 24, 2940.	3.8	30
14	Ispinesib as an Effective Warhead for the Design of Autophagosome-Tethering Chimeras: Discovery of Potent Degradation of Nicotinamide Phosphoribosyltransferase (NAMPT). <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7619-7628.	6.4	27
15	Using green and red fluorescent proteins to teach protein expression, purification, and crystallization. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 43-54.	1.2	25
16	Structure-based engineering of anti-GFP nanobody tandems as ultra-high-affinity reagents for purification. <i>Scientific Reports</i> , 2020, 10, 6239.	3.3	25
17	Expression and purification of recombinant cytoplasmic domain of human erythrocyte band 3 with hexahistidine tag or chitin-binding tag in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2004, 34, 167-175.	1.3	23
18	A fixable supramolecular cyclic polymer based on the cucurbit[8]uril-stabilized $\hat{\pm}$ - $\hat{\pm}$ interaction. <i>Polymer Chemistry</i> , 2015, 6, 6880-6884.	3.9	23

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19	Interaction of glucose transporter 1 with anion exchanger 1 in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 1255-1261.	2.1	21
20	Associations of protein 4.2 with band 3 and ankyrin. <i>Molecular and Cellular Biochemistry</i> , 2006, 289, 159-166.	3.1	20
21	TR-FRET Assays of Huntingtin Protein Fragments Reveal Temperature and PolyQ Length-Dependent Conformational Changes. <i>Scientific Reports</i> , 2014, 4, 5601.	3.3	20
22	Structural insights into the mechanism of single domain <scp>VHH</scp> antibody binding to cortisol. <i>FEBS Letters</i> , 2019, 593, 1248-1256.	2.8	20
23	Arginase-flotillin interaction brings arginase to red blood cell membrane. <i>FEBS Letters</i> , 2006, 580, 6561-6564.	2.8	19
24	A highly stable human single-domain antibody-drug conjugate exhibits superior penetration and treatment of solid tumors. <i>Molecular Therapy</i> , 2022, 30, 2785-2799.	8.2	19
25	Expression and purification of recombinant arginine decarboxylase (speA) from <i>Escherichia coli</i> . <i>Molecular Biology Reports</i> , 2010, 37, 1823-1829.	2.3	15
26	A Generic Magnetic Microsphere Platform with "Clickable" Ligands for Purification and Immobilization of Targeted Proteins. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7241-7250.	8.0	13
27	Expression, purification, and characterization of recombinant human flotillin-1 in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2005, 42, 137-145.	1.3	12
28	A novel method for high-level production of psychrophilic TAB5 alkaline phosphatase. <i>Protein Expression and Purification</i> , 2010, 74, 217-222.	1.3	10
29	Flotillin-1 downregulates K <sup>+</sup> current by directly coupling with Kv2.1 subunit. <i>Protein and Cell</i> , 2016, 7, 455-460.	11.0	10
30	Structural insights into the binding of nanobodies <scp>LaM2</scp> and <scp>LaM4</scp> to the red fluorescent protein <scp>mCherry</scp>. <i>Protein Science</i> , 2021, 30, 2298-2309.	7.6	10
31	Structural insights on the catalytic site protection of human carbonyl reductase 1 by glutathione. <i>Journal of Structural Biology</i> , 2015, 192, 138-144.	2.8	9
32	AlphaLISA detection of alpha-synuclein in the cerebrospinal fluid and its potential application in Parkinson's disease diagnosis. <i>Protein and Cell</i> , 2017, 8, 696-700.	11.0	9
33	Ethacrynic acid targets GSTM1 to ameliorate obesity by promoting browning of white adipocytes. <i>Protein and Cell</i> , 2021, 12, 493-501.	11.0	9
34	Structural insights into two distinct nanobodies recognizing the same epitope of green fluorescent protein. <i>Biochemical and Biophysical Research Communications</i> , 2021, 565, 57-63.	2.1	8
35	The crystal structure of red fluorescent protein TagRFP-T reveals the mechanism of its superior photostability. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 229-234.	2.1	6
36	Soluble expression, purification, and characterization of recombinant human flotillin-2 (reggie-1) in <i>Escherichia coli</i> . <i>Molecular Biology Reports</i> , 2011, 38, 2091-2098.	2.3	5

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37	Noninferiority of Shanghai Cingular biotech's bovine pericardial valve preclinical study in juvenile ovine model. <i>Journal of Thoracic Disease</i> , 2016, 8, 1179-1187.	1.4	5
38	Suppression of toxicity of the mutant huntingtin protein by its interacting compound, desonide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2114303119.	7.1	5
39	Effect on membrane transport in the erythrocytes by band 3 cross-linking. <i>Science Bulletin</i> , 2002, 47, 1889.	1.7	4
40	Crystal structure and function of C-terminal Sau3AI domain. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 118-123.	2.3	4
41	Preclinical efficacy and toxicity studies of a highly specific chimeric anti-CD47 antibody. <i>FEBS Open Bio</i> , 2021, 11, 813-825.	2.3	4
42	Crystallization and Preliminary X-Ray Analysis of Sau3AI/E64A Mutant Protein. <i>Protein and Peptide Letters</i> , 2007, 14, 505-506.	0.9	3
43	Crystallization and Preliminary X-Ray Analysis of Sau3AI C-Terminal 232-419 Amino Acids Fragment. <i>Protein and Peptide Letters</i> , 2006, 13, 627-628.	0.9	2
44	Expression, Purification, Crystallization and Preliminary X-Ray Analysis of Cyan Fluorescent Protein CyPet. <i>Protein and Peptide Letters</i> , 2007, 14, 928-932.	0.9	2
45	Protein 4.2 Komatsu (D175Y) associated with the lack of interaction with ankyrin in human red blood cells. <i>Blood Cells, Molecules, and Diseases</i> , 2007, 38, 221-228.	1.4	2
46	Rational design of a pH-insensitive cyan fluorescent protein CyPet2 based on the CyPet crystal structure. <i>FEBS Letters</i> , 2017, 591, 1761-1769.	2.8	2
47	Crystallization and Preliminary X-Ray Analysis of Fluorescent Protein mBanana. <i>Protein and Peptide Letters</i> , 2008, 15, 113-114.	0.9	1
48	Structural insights into the binding of nanobody Rh57 to active RhoA-GTP. <i>Biochemical and Biophysical Research Communications</i> , 2022, 616, 122-128.	2.1	0