Yihong Ye

List of Publications by Year in descending order

97 papers	10,656 citations	47006 47 h-index	38395 95 g-index
106 all docs	106 docs citations	106 times ranked	11394 citing authors

#	Article	IF	Citations
1	Abnormal triaging of misfolded proteins by adult neuronal ceroid lipofuscinosis-associated DNAJC5/CSPÎ± mutants causes lipofuscin accumulation. Autophagy, 2023, 19, 204-223.	9.1	19
2	Mitoxantrone modulates a heparan sulfate-spike complex to inhibit SARS-CoV-2 infection. Scientific Reports, 2022, 12, 6294.	3.3	8
3	Graph Convolutional Network-Based Screening Strategy for Rapid Identification of SARS-CoV-2 Cell-Entry Inhibitors. Journal of Chemical Information and Modeling, 2022, 62, 1988-1997.	5.4	1
4	Safeguarding Lysosomal Homeostasis by DNAJC5/CSPÎ±-Mediated Unconventional Protein Secretion and Endosomal Microautophagy. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	3
5	Studying Unconventional Secretion of Misfolded Proteins in Cultured Cells and Primary Neurons. Methods in Molecular Biology, 2022, , 349-366.	0.9	3
6	Filamentous recombinant human Tau activates primary astrocytes via an integrin receptor complex. Nature Communications, 2021, 12, 95.	12.8	46
7	Astrocytes in Neurodegenerative Diseases: A Perspective from Tauopathy and Î±-Synucleinopathy. Life, 2021, 11, 938.	2.4	13
8	Chaperoning transmembrane helices in the lipid bilayer. Journal of Cell Biology, 2021, 220, .	5.2	3
9	UFMylation of RPL26 links translocation-associated quality control to endoplasmic reticulum protein homeostasis. Cell Research, 2020, 30, 5-20.	12.0	97
10	Heparan sulfate assists SARS-CoV-2 in cell entry and can be targeted by approved drugs in vitro. Cell Discovery, 2020, 6, 80.	6.7	172
11	A myosin-7Bâ€“dependent endocytosis pathway mediates cellular entry of Î±-synuclein fibrils and polycation-bearing cargos. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10865-10875.	7.1	37
12	Clearing Traffic Jams During Protein Translocation Across Membranes. Frontiers in Cell and Developmental Biology, 2020, 8, 610689.	3.7	10
13	A spiral path to unfolding. Nature Structural and Molecular Biology, 2019, 26, 763-765.	8.2	0
14	AAGAB Controls AP2 Adaptor Assembly in Clathrin-Mediated Endocytosis. Developmental Cell, 2019, 50, 436-446.e5.	7.0	39
15	Discovery of Irreversible p97 Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 2814-2829.	6.4	15
16	Nonenzymatic acetylation of ubiquitin Lys side chains is modulated by their neighboring residues. FEBS Journal, 2018, 285, 1277-1289.	4.7	7
17	Regulation of protein homeostasis by unconventional protein secretion in mammalian cells. Seminars in Cell and Developmental Biology, 2018, 83, 29-35.	5.0	25
18	DNAJC5 facilitates USP19-dependent unconventional secretion of misfolded cytosolic proteins. Cell Discovery, 2018, 4, 11.	6.7	76

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19	The Roles of Endo-Lysosomes in Unconventional Protein Secretion. Cells, 2018, 7, 198.	4.1	25
20	To Build by Destruction. Molecular Cell, 2018, 72, 605-607.	9.7	1
21	Proteomic characterization of endogenous substrates of mammalian ubiquitin ligase Hrd1. Cell and Bioscience, 2018, 8, 46.	4.8	14
22	Secretion of misfolded cytosolic proteins from mammalian cells is independent of chaperone-mediated autophagy. Journal of Biological Chemistry, 2018, 293, 14359-14370.	3.4	23
23	Ufd2p synthesizes branched ubiquitin chains to promote the degradation of substrates modified with atypical chains. Nature Communications, 2017, 8, 14274.	12.8	96
24	Structural basis for regulation of the nucleo-cytoplasmic distribution of Bag6 by TRC35. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11679-11684.	7.1	18
25	The proteasome-interacting Ecm29 protein disassembles the 26S proteasome in response to oxidative stress. Journal of Biological Chemistry, 2017, 292, 16310-16320.	3.4	82
26	RABIF/MSS4 is a Rab-stabilizing holdase chaperone required for GLUT4 exocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8224-E8233.	7.1	52
27	Structural basis for nucleotide-modulated p97 association with the ER membrane. Cell Discovery, 2017, 3, 17045.	6.7	13
28	A Mighty â€œProtein Extractorâ€•of the Cell: Structure and Function of the p97/CDC48 ATPase. Frontiers in Molecular Biosciences, 2017, 4, 39.	3.5	151
29	Ever HRD a ubiquitin-gated channel?. Cell Research, 2016, 26, 1075-1076.	12.0	0
30	The Vpu-interacting Protein SGTA Regulates Expression of a Non-glycosylated Tetherin Species. Scientific Reports, 2016, 6, 24934.	3.3	9
31	Doa1 is a MAD adaptor for Cdc48. Journal of Cell Biology, 2016, 213, 7-9.	5.2	6
32	Structure and function of the AAA+ ATPase p97/Cdc48p. Gene, 2016, 583, 64-77.	2.2	133
33	Lunapark Is a Component of a Ubiquitin Ligase Complex Localized to the Endoplasmic Reticulum Three-way Junctions. Journal of Biological Chemistry, 2016, 291, 18252-18262.	3.4	19
34	Eeyarestatin I derivatives with improved aqueous solubility. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5177-5181.	2.2	9
35	The HECT domain ubiquitin ligase HUWE1 targets unassembled soluble proteins for degradation. Cell Discovery, 2016, 2, 16040.	6.7	56
36	Unconventional secretion of misfolded proteins promotes adaptation to proteasome dysfunction in mammalian cells. Nature Cell Biology, 2016, 18, 765-776.	10.3	175

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37	gp78 functions downstream of Hrd1 to promote degradation of misfolded proteins of the endoplasmic reticulum. Molecular Biology of the Cell, 2015, 26, 4438-4450.	2.1	50
38	In Search of a Cure for Proteostasis-Addicted Cancer: A AAA Target Revealed. Cancer Cell, 2015, 28, 550-552.	16.8	4
39	Bag6 complex contains a minimal tail-anchorâ€“targeting module and a mock BAG domain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 106-111.	7.1	77
40	Dimeric Ube2g2 simultaneously engages donor and acceptor ubiquitins to form Lys48-linked ubiquitin chains. EMBO Journal, 2014, 33, 46-61.	7.8	34
41	Characterization of the Deubiquitinating Activity of USP19 and Its Role in Endoplasmic Reticulum-associated Degradation. Journal of Biological Chemistry, 2014, 289, 3510-3517.	3.4	48
42	The Final Moments of Misfolded Proteins en Route to the Proteasome. DNA and Cell Biology, 2014, 33, 477-483.	1.9	22
43	Ube2g2-gp78-mediated HERP polyubiquitination is involved in ER stress recovery. Journal of Cell Science, 2014, 127, 1417-27.	2.0	32
44	Role of HERP and a HERP-related Protein in HRD1-dependent Protein Degradation at the Endoplasmic Reticulum. Journal of Biological Chemistry, 2014, 289, 4444-4454.	3.4	38
45	Cleaning up in the endoplasmic reticulum: ubiquitin in charge. Nature Structural and Molecular Biology, 2014, 21, 325-335.	8.2	319
46	USP13 antagonizes gp78 to maintain functionality of a chaperone in ER-associated degradation. ELife, 2014, 3, e01369.	6.0	65
47	Monoubiquitination of EEA1 regulates endosome fusion and trafficking. Cell and Bioscience, 2013, 3, 24.	4.8	33
48	Reversible inactivation of deubiquitinases by reactive oxygen species in vitro and in cells. Nature Communications, 2013, 4, 1568.	12.8	129
49	Bag6/Bat3/Scythe: A novel chaperone activity with diverse regulatory functions in protein biogenesis and degradation. BioEssays, 2013, 35, 377-385.	2.5	59
50	A Ubiquitin-like Domain Recruits an Oligomeric Chaperone to a Retrotranslocation Complex in Endoplasmic Reticulum-associated Degradation. Journal of Biological Chemistry, 2013, 288, 18068-18076.	3.4	63
51	Derlin2 Protein Facilitates HRD1-mediated Retro-translocation of Sonic Hedgehog at the Endoplasmic Reticulum. Journal of Biological Chemistry, 2013, 288, 25330-25339.	3.4	42
52	The p97 ATPase associates with EEA1 to regulate the size of early endosomes. Cell Research, 2012, 22, 346-359.	12.0	90
53	Roles of p97-Associated Deubiquitinases in Protein Quality Control at the Endoplasmic Reticulum. Current Protein and Peptide Science, 2012, 13, 436-446.	1.4	47
54	SGTA Recognizes a Noncanonical Ubiquitin-like Domain in the Bag6-Ubl4A-Trc35 Complex to Promote Endoplasmic Reticulum-Associated Degradation. Cell Reports, 2012, 2, 1633-1644.	6.4	86

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55	Cellular strategies for making monoubiquitin signals. Critical Reviews in Biochemistry and Molecular Biology, 2012, 47, 17-28.	5.2	49
56	A Ubiquitin Ligase-Associated Chaperone Holdase Maintains Polypeptides in Soluble States for Proteasome Degradation. Molecular Cell, 2011, 42, 758-770.	9.7	191
57	Revoking the Cellular License to Replicate: Yet Another AAA Assignment. Molecular Cell, 2011, 44, 3-4.	9.7	7
58	Treatment-Induced Oxidative Stress and Cellular Antioxidant Capacity Determine Response to Bortezomib in Mantle Cell Lymphoma. Clinical Cancer Research, 2011, 17, 5101-5112.	7.0	84
59	N-terminal ataxin-3 causes neurological symptoms with inclusions, endoplasmic reticulum stress and ribosomal dislocation. Brain, 2011, 134, 1925-1942.	7.6	52
60	Proteostasis regulation at the endoplasmic reticulum: a new perturbation site for targeted cancer therapy. Cell Research, 2011, 21, 867-883.	12.0	96
61	TorsinA participates in endoplasmic reticulum-associated degradation. Nature Communications, 2011, 2, 393.	12.8	99
62	Importin Î² Interacts with the Endoplasmic Reticulum-associated Degradation Machinery and Promotes Ubiquitination and Degradation of Mutant Î±1-Antitrypsin. Journal of Biological Chemistry, 2011, 286, 33921-33930.	3.4	24
63	The ERAD Inhibitor Eeyarestatin I Is a Bifunctional Compound with a Membrane-Binding Domain and a p97/VCP Inhibitory Group. PLoS ONE, 2010, 5, e15479.	2.5	135
64	The p97 ATPase Dislocates MHC Class I Heavy Chain in US2-expressing Cells via a Ufd1-Npl4-independent Mechanism. Journal of Biological Chemistry, 2010, 285, 32352-32359.	3.4	27
65	Role of intramembrane charged residues in the quality control of unassembled T-cell receptor Î±-chains at the endoplasmic reticulum. Journal of Cell Science, 2010, 123, 1031-1038.	2.0	25
66	Multilayered Mechanism of CD4 Downregulation by HIV-1 Vpu Involving Distinct ER Retention and ERAD Targeting Steps. PLoS Pathogens, 2010, 6, e1000869.	4.7	145
67	ERAD inhibitors integrate ER stress with an epigenetic mechanism to activate BH3-only protein NOXA in cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2200-2205.	7.1	305
68	Ubiquilin and p97/VCP bind erasin, forming a complex involved in ERAD. Journal of Cell Biology, 2009, 187, 201-217.	5.2	132
69	Mechanistic insights into active site-associated polyubiquitination by the ubiquitin-conjugating enzyme Ube2g2. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3722-3727.	7.1	84
70	The zinc finger protein A20 targets TRAF2 to the lysosomes for degradation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 346-353.	4.1	73
71	Building ubiquitin chains: E2 enzymes at work. Nature Reviews Molecular Cell Biology, 2009, 10, 755-764.	37.0	816
72	Polyubiquitin chains: functions, structures, and mechanisms. Cellular and Molecular Life Sciences, 2008, 65, 2397-2406.	5.4	216

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73	Localization of A20 to a lysosome-associated compartment and its role in NFÎºB signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1140-1149.	4.1	39
74	Inhibition of p97-dependent Protein Degradation by Eeyarestatin I. Journal of Biological Chemistry, 2008, 283, 7445-7454.	3.4	175
75	A role for presenilin in postâ€stress regulation: effects of presenilin mutations on Ca 2+ currents in Drosophila. FASEB Journal, 2007, 21, 2368-2378.	0.5	13
76	Structure and function of the yeast U-box-containing ubiquitin ligase Ufd2p. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15599-15606.	7.1	59
77	A ubiquitin ligase transfers preformed polyubiquitin chains from a conjugating enzyme to a substrate. Nature, 2007, 446, 333-337.	27.8	187
78	Diverse functions with a common regulator: Ubiquitin takes command of an AAA ATPase. Journal of Structural Biology, 2006, 156, 29-40.	2.8	188
79	Modeling Clinically Heterogeneous Presenilin Mutations with Transgenic Drosophila. Current Biology, 2006, 16, 1026-1033.	3.9	41
80	Regulation of retrotranslocation by p97-associated deubiquitinating enzyme ataxin-3. Journal of Cell Biology, 2006, 174, 963-971.	5.2	169
81	The Viral E3 Ubiquitin Ligase mK3 Uses the Derlin/p97 Endoplasmic Reticulum-associated Degradation Pathway to Mediate Down-regulation of Major Histocompatibility Complex Class I Proteins. Journal of Biological Chemistry, 2006, 281, 8636-8644.	3.4	47
82	Recruitment of the p97 ATPase and ubiquitin ligases to the site of retrotranslocation at the endoplasmic reticulum membrane. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14132-14138.	7.1	295
83	Role of p97 AAA-ATPase in the Retrotranslocation of the Cholera Toxin A1 Chain, a Non-ubiquitinated Substrate. Journal of Biological Chemistry, 2005, 280, 28127-28132.	3.4	79
84	The role of the ubiquitinâ€“proteasome system in ER quality control. Essays in Biochemistry, 2005, 41, 99-112.	4.7	12
85	The role of the ubiquitinâ€“proteasome system in ER quality control. Essays in Biochemistry, 2005, 41, 99.	4.7	22
86	A membrane protein complex mediates retro-translocation from the ER lumen into the cytosol. Nature, 2004, 429, 841-847.	27.8	858
87	Polyubiquitin Serves as a Recognition Signal, Rather than a Ratcheting Molecule, during Retrotranslocation of Proteins across the Endoplasmic Reticulum Membrane. Journal of Biological Chemistry, 2003, 278, 34774-34782.	3.4	87
88	Function of the p97â€“Ufd1â€“Npl4 complex in retrotranslocation from the ER to the cytosol. Journal of Cell Biology, 2003, 162, 71-84.	5.2	542
89	Nicastrin Is Required for Î³-Secretase Cleavage of the Drosophila Notch Receptor. Developmental Cell, 2002, 2, 69-78.	7.0	170
90	Retro-translocation of proteins from the endoplasmic reticulum into the cytosol. Nature Reviews Molecular Cell Biology, 2002, 3, 246-255.	37.0	593

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91	The AAA ATPase Cdc48/p97 and its partners transport proteins from the ER into the cytosol. Nature, 2001, 414, 652-656.	27.8	1,025
92	Proteolysis and developmental signal transduction. Seminars in Cell and Developmental Biology, 2000, 11, 211-221.	5.0	21
93	Apoptotic Activities of Wild-Type and Alzheimer's Disease-Related Mutant Presenilins in Drosophila melanogaster. Journal of Cell Biology, 1999, 146, 1351-1364.	5.2	101
94	Neurogenic phenotypes and altered Notch processing in Drosophila Presenilin mutants. Nature, 1999, 398, 525-529.	27.8	490
95	Formation of Adeno-Associated Virus Circular Genomes Is Differentially Regulated by Adenovirus E4 ORF6 and E2a Gene Expression. Journal of Virology, 1999, 73, 161-169.	3.4	81
96	Characterization of Drosophila Presenilin and its colocalization with Notch during development. Mechanisms of Development, 1998, 79, 199-211.	1.7	57
97	Stoichiometric Structure-Function Analysis of the Prolactin Receptor Signaling Domain by Receptor Chimeras. Molecular and Cellular Biology, 1998, 18, 896-905.	2.3	40