Xiang Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2411664/publications.pdf

Version: 2024-02-01

25	2,101	567281 15	642732 23
papers	citations	h-index	g-index

26	26	26	2048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteasome subunit Rpn13 is a novel ubiquitin receptor. Nature, 2008, 453, 481-488.	27.8	553
2	Ubiquitin docking at the proteasome through a novel pleckstrin-homology domain interaction. Nature, 2008, 453, 548-552.	27.8	290
3	Rpn1 provides adjacent receptor sites for substrate binding and deubiquitination by the proteasome. Science, 2016, 351, .	12.6	234
4	Gates, Channels, and Switches: Elements of the Proteasome Machine. Trends in Biochemical Sciences, 2016, 41, 77-93.	7.5	223
5	A bis-Benzylidine Piperidone Targeting Proteasome Ubiquitin Receptor RPN13/ADRM1 as a Therapy for Cancer. Cancer Cell, 2013, 24, 791-805.	16.8	137
6	Chemical and structural studies provide a mechanistic basis for recognition of the MYC G-quadruplex. Nature Communications, 2018, 9, 4229.	12.8	131
7	Structure of Proteasome Ubiquitin Receptor hRpn13 and Its Activation by the Scaffolding Protein hRpn2. Molecular Cell, 2010, 38, 404-415.	9.7	102
8	Prokaryotic Ubiquitin-Like Protein Pup Is Intrinsically Disordered. Journal of Molecular Biology, 2009, 392, 208-217.	4.2	97
9	Structures of Rpn1 T1:Rad23 and hRpn13:hPLIC2 Reveal Distinct Binding Mechanisms between Substrate Receptors and Shuttle Factors of the Proteasome. Structure, 2016, 24, 1257-1270.	3.3	72
10	Structure of hRpn10 Bound to UBQLN2 UBL Illustrates Basis for Complementarity between Shuttle Factors and Substrates at the Proteasome. Journal of Molecular Biology, 2019, 431, 939-955.	4.2	41
11	Proteasome interaction with ubiquitinated substrates: from mechanisms to therapies. FEBS Journal, 2021, 288, 5231-5251.	4.7	40
12	Structure of E3 ligase E6AP with a proteasome-binding site provided by substrate receptor hRpn10. Nature Communications, 2020, 11, 1291.	12.8	29
13	Covalent Rpn13-Binding Inhibitors for the Treatment of Ovarian Cancer. ACS Omega, 2018, 3, 11917-11929.	3.5	25
14	Structural Plasticity Allows UCH37 to Be Primed by RPN13 or Locked Down by INO80G. Molecular Cell, 2015, 57, 767-768.	9.7	21
15	Structure-guided bifunctional molecules hit a DEUBAD-lacking hRpn13 species upregulated in multiple myeloma. Nature Communications, 2021, 12, 7318.	12.8	18
16	Identifying and Studying Ubiquitin Receptors by NMR. Methods in Molecular Biology, 2012, 832, 279-303.	0.9	17
17	Novel TDP2-ubiquitin interactions and their importance for the repair of topoisomerase II-mediated DNA damage. Nucleic Acids Research, 2016, 44, gkw719.	14.5	17
18	Cryo-EM Reveals Unanchored M1-Ubiquitin Chain Binding at hRpn11 of the 26S Proteasome. Structure, 2020, 28, 1206-1217.e4.	3.3	17

#	Article	IF	Citations
19	Metabolic plasticity of IDH1-mutant glioma cell lines is responsible for low sensitivity to glutaminase inhibition. Cancer & Metabolism, 2020, 8, 23.	5.0	14
20	Measuring ubiquitin chain linkage: Rap80 uses a molecular ruler mechanism for ubiquitin linkage specificity. EMBO Journal, 2009, 28, 2307-2308.	7.8	12
21	Nuclear destruction: A suicide mission by AKIRIN2 brings intact proteasomes into the nucleus. Molecular Cell, 2022, 82, 13-14.	9.7	5
22	The CD8Î± hinge is intrinsically disordered with a dynamic exchange that includes proline cis-trans isomerization. Journal of Magnetic Resonance, 2022, 340, 107234.	2.1	5
23	1H, 15N, 13C resonance assignments for Saccharomyces cerevisiae Rad23 UBL domain. Biomolecular NMR Assignments, 2016, 10, 291-295.	0.8	1
24	An optimized protocol for acquiring and processing cryo-EM data of human 26S proteasome with M1-Ub6. STAR Protocols, 2021, 2, 100278.	1.2	0
25	Ubiquitination. , 2020, , 1-11.		0