Robert E Cohen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1147754/publications.pdf

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20	2,451	567281 15	794594 19
papers	citations	h-index	g-index

22	22	22	2951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A cryptic protease couples deubiquitination and degradation by the proteasome. Nature, 2002, 419, 403-407.	27.8	667
2	Proteasome recruitment and activation of the Uch37 deubiquitinating enzyme by Adrm1. Nature Cell Biology, 2006, 8, 994-1002.	10.3	282
3	Linkage-Specific Avidity Defines the Lysine 63-Linked Polyubiquitin-Binding Preference of Rap80. Molecular Cell, 2009, 33, 775-783.	9.7	202
4	K63-specific deubiquitination by two JAMM/MPN+ complexes: BRISC-associated Brcc36 and proteasomal Poh1. EMBO Journal, 2009, 28, 621-631.	7.8	193
5	Structural Insights into the Assembly and Function of the SAGA Deubiquitinating Module. Science, 2010, 328, 1025-1029.	12.6	190
6	The deubiquitinating enzyme UCH37 interacts with Smads and regulates TGF-Î² signalling. Oncogene, 2005, 24, 8080-8084.	5.9	164
7	Distinct Modes of Regulation of the Uch37 Deubiquitinating Enzyme in the Proteasome and in the Ino80 Chromatin-Remodeling Complex. Molecular Cell, 2008, 31, 909-917.	9.7	132
8	Evidence for Bidentate Substrate Binding as the Basis for the K48 Linkage Specificity of Otubain 1. Journal of Molecular Biology, 2009, 386, 1011-1023.	4.2	126
9	Polyubiquitin-sensor proteins reveal localization and linkage-type dependence of cellular ubiquitin signaling. Nature Methods, 2012, 9, 303-309.	19.0	104
10	Structural Basis for the Activation and Inhibition of the UCH37 Deubiquitylase. Molecular Cell, 2015, 57, 901-911.	9.7	96
11	Mixed-Linkage Ubiquitin Chains Send Mixed Messages. Structure, 2013, 21, 727-740.	3.3	88
12	Avid interactions underlie the Lys63-linked polyubiquitin binding specificities observed for UBA domains. Nature Structural and Molecular Biology, 2009, 16, 883-889.	8.2	78
13	Ubiquitin Signals Proteolysis-Independent Stripping of Transcription Factors. Molecular Cell, 2014, 53, 893-903.	9.7	45
14	High-affinity free ubiquitin sensors for quantifying ubiquitin homeostasis and deubiquitination. Nature Methods, 2019, 16, 771-777.	19.0	26
15	Differential Ubiquitin Binding by the Acidic Loops of Ube2g1 and Ube2r1 Enzymes Distinguishes Their Lys-48-ubiquitylation Activities. Journal of Biological Chemistry, 2015, 290, 2251-2263.	3.4	22
16	Branched ubiquitin chain binding and deubiquitination by UCH37 facilitate proteasome clearance of stress-induced inclusions. ELife, 2021, 10, .	6.0	20
17	Design of genetically encoded sensors to detect nucleosome ubiquitination in live cells. Journal of Cell Biology, 2021, 220, .	5.2	11
18	Ubiquitinâ€Ovomucoid Fusion Proteins as Model Substrates for Monitoring Degradation and Deubiquitination by Proteasomes. Methods in Enzymology, 2005, 398, 522-540.	1.0	2

#	Article	IF	Citations
19	Fluorescent Sensors That Enable a General Method To Quantify Affinities of Receptor Proteins for Polyubiquitin Ligands. ACS Sensors, 2019, 4, 2908-2914.	7.8	2
20	Laser Microirradiation and Real-time Recruitment Assays Using an Engineered Biosensor. Bio-protocol, 2022, 12, e4337.	0.4	0