Eri Sakata

List of Publications by Year
in descending order

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25 papers	2,234 citations	331670 21 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	2583 citing authors

#	Article	IF	Citations
1	Near-atomic resolution structural model of the yeast 26S proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14870-14875.	7.1	242
2	Parkin binds the Rpn10 subunit of 26S proteasomes through its ubiquitinâ€like domain. EMBO Reports, 2003, 4, 301-306.	4.5	233
3	Structure of the human 26S proteasome at a resolution of 3.9 Ã…. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7816-7821.	7.1	174
4	Structural insights into the functional cycle of the ATPase module of the 26S proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1305-1310.	7.1	151
5	Structure of the 26S proteasome from Schizosaccharomyces pombe at subnanometer resolution. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20992-20997.	7.1	130
6	Localization of the proteasomal ubiquitin receptors Rpn10 and Rpn13 by electron cryomicroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1479-1484.	7.1	114
7	Quantitative live-cell imaging reveals spatio-temporal dynamics and cytoplasmic assembly of the 26S proteasome. Nature Communications, 2014, 5, 3396.	12.8	111
8	Cryoâ€“electron tomography reveals a critical role of RIM1Î± in synaptic vesicle tethering. Journal of Cell Biology, 2013, 201, 725-740.	5.2	110
9	Expanded Coverage of the 26S Proteasome Conformational Landscape Reveals Mechanisms of Peptidase Gating. Cell Reports, 2018, 24, 1301-1315.e5.	6.4	108
10	14-3-3Î· is a novel regulator of parkin ubiquitin ligase. EMBO Journal, 2006, 25, 211-221.	7.8	107
11	Direct interactions between NEDD8 and ubiquitin E2 conjugating enzymes upregulate cullin-based E3 ligase activity. Nature Structural and Molecular Biology, 2007, 14, 167-168.	8.2	105
12	Crystal structure of a chaperone complex that contributes to the assembly of yeast 20S proteasomes. Nature Structural and Molecular Biology, 2008, 15, 228-236.	8.2	101
13	Structural characterization of the interaction of Ubp6 with the 26S proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8626-8631.	7.1	98
14	Molecular Details Underlying Dynamic Structures and Regulation of the Human 26S Proteasome. Molecular and Cellular Proteomics, 2017, 16, 840-854.	3.8	93
15	Crystal Structure of UbcH5bâˆ¼Ubiquitin Intermediate: Insight into the Formation of the Self-Assembled E2âˆ¼Ub Conjugates. Structure, 2010, 18, 138-147.	3.3	90
16	The Catalytic Activity of Ubp6 Enhances Maturation of the Proteasomal Regulatory Particle. Molecular Cell, 2011, 42, 637-649.	9.7	64
17	Solution structure and dynamics of Ufm1, a ubiquitin-fold modifier 1. Biochemical and Biophysical Research Communications, 2006, 343, 21-26.	2.1	55
18	Ultra-high field NMR studies of antibody binding and site-specific phosphorylation of Î±-synuclein. Biochemical and Biophysical Research Communications, 2007, 363, 795-799.	2.1	36

#	Article	IF	Citations
19	Recent advances in the structural biology of the 26S proteasome. International Journal of Biochemistry and Cell Biology, 2016, 79, 437-442.	2.8	34
20	Molecular and cellular dynamics of the 26S proteasome. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140583.	2.3	33
21	Localization of the regulatory particle subunit Sem1 in the 26S proteasome. Biochemical and Biophysical Research Communications, 2013, 435, 250-254.	2.1	28
22	Allosteric control of Ubp6 and the proteasome via a bidirectional switch. Nature Communications, 2022, 13, 838.	12.8	15
23	In Situ Tomography of Membrane Proteins Enabled by Advanced Cryo-FIB Sample Preparation and Phase Plate Imaging. Microscopy and Microanalysis, 2015, 21, 1119-1120.	0.4	2
24	Cryo-FIB Sample Preparation for Cryo-ET With the Volta Phase Plate. Microscopy and Microanalysis, 2016, 22, 72-73.	0.4	0
25	Expanded Coverage of the 26S Proteasome Conformational Landscape Reveals Mechanisms of Peptidase Gating. FASEB Journal, 2019, 33, .	0.5	0