Ugo Mayor

List of Publications by Year
in descending order

41 papers	2,661 citations	331259 21 h-index	301761 39 g-index
46 all docs	46 docs citations	46 times ranked	3296 citing authors

#	Article	IF	Citations
1	The complete folding pathway of a protein from nanoseconds to microseconds. Nature, 2003, 421, 863-867.	13.7	449
2	Protein folding and unfolding in microseconds to nanoseconds by experiment and simulation. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13518-13522.	3.3	303
3	Basal mitophagy is widespread in <i>Drosophila</i> but minimally affected by loss of Pink1 or parkin. Journal of Cell Biology, 2018, 217, 1613-1622.	2.3	253
4	Solution structure of a protein denatured state and folding intermediate. Nature, 2005, 437, 1053-1056.	13.7	233
5	Unifying features in protein-folding mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13286-13291.	3.3	225
6	From snapshot to movie: phi analysis of protein folding transition states taken one step further. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 14854-14859.	3.3	145
7	<scp>USP</scp> 30 deubiquitylates mitochondrial <scp>P</scp> arkin substrates and restricts apoptotic cell death. EMBO Reports, 2015, 16, 618-627.	2.0	136
8	The Denatured State of Engrailed Homeodomain under Denaturing and Native Conditions. Journal of Molecular Biology, 2003, 333, 977-991.	2.0	88
9	A Novel Strategy to Isolate Ubiquitin Conjugates Reveals Wide Role for Ubiquitination during Neural Development. Molecular and Cellular Proteomics, 2011, 10, M110.002188.	2.5	77
10	Ube3a, the E3 ubiquitin ligase causing Angelman syndrome and linked to autism, regulates protein homeostasis through the proteasomal shuttle Rpn10. Cellular and Molecular Life Sciences, 2014, 71, 2747-2758.	2.4	77
11	Quantitative proteomic analysis of Parkin substrates in Drosophila neurons. Molecular Neurodegeneration, 2017, 12, 29.	4.4	77
12	Scavenger Receptors Mediate the Role of SUMO and Ftz-f1 in Drosophila Steroidogenesis. PLoS Genetics, 2013, 9, e1003473.	1.5	58
13	A comprehensive platform for the analysis of ubiquitin-like protein modifications using in vivo biotinylation. Scientific Reports, 2017, 7, 40756.	1.6	58
14	Crystal Structures of Engrailed Homeodomain Mutants. Journal of Biological Chemistry, 2003, 278, 43699-43708.	1.6	39
15	Ubiquitination site preferences in anaphase promoting complex/cyclosome (APC/C) substrates. Open Biology, 2013, 3, 130097.	1.5	39
16	Proteomic Analysis of the Ubiquitin Landscape in the Drosophila Embryonic Nervous System and the Adult Photoreceptor Cells. PLoS ONE, 2015, 10, e0139083.	1.1	39
17	Using in Vivo Biotinylated Ubiquitin to Describe a Mitotic Exit Ubiquitome from Human Cells. Molecular and Cellular Proteomics, 2014, 13, 2411-2425.	2.5	37
18	Ubiquitin Profiling in Liver Using a Transgenic Mouse with Biotinylated Ubiquitin. Journal of Proteome Research, 2014, 13, 3016-3026.	1.8	31

#	Article	IF	Citations
19	How to Inactivate Human Ubiquitin E3 Ligases by Mutation. Frontiers in Cell and Developmental Biology, 2020, 8, 39.	1.8	31
20	Quantitative proteomics reveals neuronal ubiquitination of Rngo/Ddi1 and several proteasomal subunits by Ube3a, accounting for the complexity of Angelman syndrome. Human Molecular Genetics, 2018, 27, 1955-1971.	1.4	30
21	Ubiquitylation Dynamics of the Clock Cell Proteome and TIMELESS during a Circadian Cycle. Cell Reports, 2018, 23, 2273-2282.	2.9	29
22	The role of SUMOylation during development. Biochemical Society Transactions, 2020, 48, 463-478.	1.6	27
23	Identification of proximal SUMO-dependent interactors using SUMO-ID. Nature Communications, 2021, 12, 6671.	5.8	27
24	Neddylation inhibition ameliorates steatosis in NAFLD by boosting hepatic fatty acid oxidation via the DEPTOR-mTOR axis. Molecular Metabolism, 2021, 53, 101275.	3.0	22
25	Detailed Dissection of UBE3A-Mediated DDI1 Ubiquitination. Frontiers in Physiology, 2019, 10, 534.	1.3	17
26	Impaired proteostasis in rare neurological diseases. Seminars in Cell and Developmental Biology, 2019, 93, 164-177.	2.3	14
27	SUMOylation in the control of cholesterol homeostasis. Open Biology, 2020, 10, 200054.	1.5	14
28	Neuronal Proteomic Analysis of the Ubiquitinated Substrates of the Disease-Linked E3 Ligases Parkin and Ube3a. BioMed Research International, 2018, 2018, 1-14.	0.9	12
29	Multi-Omics Integration Highlights the Role of Ubiquitination in CCl4-Induced Liver Fibrosis. International Journal of Molecular Sciences, 2020, 21, 9043.	1.8	12
30	Deciphering Tissue-Specific Ubiquitylation by Mass Spectrometry. Methods in Molecular Biology, 2012, 832, 65-80.	0.4	11
31	Isolation of Ubiquitinated Proteins to High Purity from In Vivo Samples. Methods in Molecular Biology, 2016, 1449, 193-202.	0.4	8
32	A Proteomic Approach for Systematic Mapping of Substrates of Human Deubiquitinating Enzymes. International Journal of Molecular Sciences, 2021, 22, 4851.	1.8	6
33	The ubiquitin ligase Ariadne-1 regulates neurotransmitter release via ubiquitination of NSF. Journal of Biological Chemistry, 2021, 296, 100408.	1.6	6
34	Analysis of SUMOylated Proteins in Cells and In Vivo Using the bioSUMO Strategy. Methods in Molecular Biology, 2016, 1475, 161-169.	0.4	4
35	Identification of substrates for human deubiquitinating enzymes (DUBs): An up-to-date review and a case study for neurodevelopmental disorders. Seminars in Cell and Developmental Biology, 2022, 132, 120-131.	2.3	4
36	Solvent-Based Elimination of Organic Matter from Marine-Collected Plastics. Environments - MDPI, 2021, 8, 68.	1.5	3

#	Article	IF	Citations
37	Mass Spectrometry-Based Characterization of Ub- and UbL-Modified Proteins. Methods in Molecular Biology, 2020, 2051, 265-276.	0.4	3
38	In Vivo Strategies to Isolate and Characterize the Neuronal Ubiquitinated Proteome. Neuromethods, 2017, , 179-189.	0.2	2
39	Multi-story Parkin. Oncotarget, 2017, 8, 50327-50328.	0.8	2
40	Konpartimentu-espezifikoko gertuko biotinilazioa: XPO1en esportazio-kargoak identifikatzeko hurbilketa berria. Ekaia (journal), 0, , .	0.0	0
41	Structural insights in the folding of small single-domain proteins. Italian Journal of Biochemistry, 2003, 52, 154-61.	0.3	0