Sylvie Urbe

List of Publications by Year
in descending order

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76 papers	10,087 citations	61984 43 h-index	71685 76 g-index
85 all docs	85 docs citations	85 times ranked	13210 citing authors

#	Article	IF	Citations
1	Breaking the chains: structure and function of the deubiquitinases. Nature Reviews Molecular Cell Biology, 2009, 10, 550-563.	37.0	1,722
2	The emerging shape of the ESCRT machinery. Nature Reviews Molecular Cell Biology, 2007, 8, 355-368.	37.0	632
3	Mammalian Atg18 (WIPI2) localizes to omegasome-anchored phagophores and positively regulates LC3 lipidation. Autophagy, 2010, 6, 506-522.	9.1	566
4	Breaking the chains: deubiquitylating enzyme specificity begets function. Nature Reviews Molecular Cell Biology, 2019, 20, 338-352.	37.0	512
5	Ubiquitin: Same Molecule, Different Degradation Pathways. Cell, 2010, 143, 682-685.	28.9	449
6	Deubiquitylases From Genes to Organism. Physiological Reviews, 2013, 93, 1289-1315.	28.8	350
7	AMSH is an endosome-associated ubiquitin isopeptidase. Journal of Cell Biology, 2004, 166, 487-492.	5.2	337
8	Molecular basis of USP7 inhibition by selective small-molecule inhibitors. Nature, 2017, 550, 481-486.	27.8	332
9	Bilayered Clathrin Coats on Endosomal Vacuoles Are Involved in Protein Sorting toward Lysosomes. Molecular Biology of the Cell, 2002, 13, 1313-1328.	2.1	319
10	The demographics of the ubiquitin system. Trends in Cell Biology, 2015, 25, 417-426.	7.9	255
11	Endocytosis: the DUB version. Trends in Cell Biology, 2006, 16, 551-559.	7.9	235
12	The Ubiquitin Isopeptidase UBPY Regulates Endosomal Ubiquitin Dynamics and Is Essential for Receptor Down-regulation. Journal of Biological Chemistry, 2006, 281, 12618-12624.	3.4	216
13	Activation of the Endosome-Associated Ubiquitin Isopeptidase AMSH by STAM, a Component of the Multivesicular Body-Sorting Machinery. Current Biology, 2006, 16, 160-165.	3.9	190
14	Cellular functions of the DUBs. Journal of Cell Science, 2012, 125, 277-286.	2.0	188
15	PIKfyve Regulation of Endosomeâ€Linked Pathways. Traffic, 2009, 10, 883-893.	2.7	186
16	Met/Hepatocyte Growth Factor Receptor Ubiquitination Suppresses Transformation and Is Required for Hrs Phosphorylation. Molecular and Cellular Biology, 2005, 25, 9632-9645.	2.3	173
17	The UIM domain of Hrs couples receptor sorting to vesicle formation. Journal of Cell Science, 2003, 116, 4169-4179.	2.0	164
18	Down-regulation of MET, the receptor for hepatocyte growth factor. Oncogene, 2001, 20, 2761-2770.	5.9	159

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19	Governance of Endocytic Trafficking and Signaling by Reversible Ubiquitylation. Developmental Cell, 2012, 23, 457-467.	7.0	159
20	Characterization of MTMR3. Current Biology, 2001, 11, 1600-1605.	3.9	141
21	Emerging roles of deubiquitinases in cancerâ€associated pathways. IUBMB Life, 2010, 62, 140-157.	3.4	141
22	The MIT Domain of UBPY Constitutes a CHMP Binding and Endosomal Localization Signal Required for Efficient Epidermal Growth Factor Receptor Degradation. Journal of Biological Chemistry, 2007, 282, 30929-30937.	3.4	136
23	<scp>USP</scp> 30 deubiquitylates mitochondrial <scp>P</scp> arkin substrates and restricts apoptotic cell death. EMBO Reports, 2015, 16, 618-627.	4.5	136
24	Dual role of <scp>USP</scp> 30 in controlling basal pexophagy and mitophagy. EMBO Reports, 2018, 19, .	4.5	135
25	Systematic characterization of deubiquitylating enzymes for roles in maintaining genome integrity. Nature Cell Biology, 2014, 16, 1016-1026.	10.3	134
26	Analysis of Articulation Between Clathrin and Retromer in Retrograde Sorting on Early Endosomes. Traffic, 2009, 10, 1868-1880.	2.7	106
27	Systematic survey of deubiquitinase localization identifies USP21 as a regulator of centrosome- and microtubule-associated functions. Molecular Biology of the Cell, 2012, 23, 1095-1103.	2.1	106
28	Endosomal Dynamics of Met Determine Signaling Output. Molecular Biology of the Cell, 2003, 14, 1346-1354.	2.1	104
29	Recruitment of UBPY and ESCRT Exchange Drive HD-PTP-Dependent Sorting of EGFR to the MVB. Current Biology, 2013, 23, 453-461.	3.9	99
30	Systematic analysis of myotubularins: heteromeric interactions, subcellular localisation and endosomerelated functions. Journal of Cell Science, 2006, 119, 2953-2959.	2.0	85
31	Quantitative proteomic analysis of Parkin substrates in Drosophila neurons. Molecular Neurodegeneration, 2017, 12, 29.	10.8	77
32	USP30 sets a trigger threshold for PINK1â€“PARKIN amplification of mitochondrial ubiquitylation. Life Science Alliance, 2020, 3, e202000768.	2.8	72
33	Ubiquitin code assembly and disassembly. Current Biology, 2014, 24, R215-R220.	3.9	68
34	Analysis of phosphoinositide binding domain properties within the myotubularin-related protein MTMR3. Journal of Cell Science, 2005, 118, 2005-2012.	2.0	67
35	Ubiquitin and endocytic protein sorting. Essays in Biochemistry, 2005, 41, 81.	4.7	65
36	The deubiquitylase Ataxin-3 restricts PTEN transcription in lung cancer cells. Oncogene, 2014, 33, 4265-4272.	5.9	60

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37	The Met Receptor Degradation Pathway. Journal of Biological Chemistry, 2004, 279, 52835-52839.	3.4	58
38	Ubiquilin recruits Eps15 into ubiquitin-rich cytoplasmic aggregates via a UIM-UBL interaction. Journal of Cell Science, 2005, 118, 4437-4450.	2.0	57
39	Ubiquitin and endocytic protein sorting. Essays in Biochemistry, 2005, 41, 81-98.	4.7	56
40	A Chlamydia effector combining deubiquitination and acetylation activities induces Golgi fragmentation. Nature Microbiology, 2018, 3, 1377-1384.	13.3	55
41	Hrs function: viruses provide the clue. Trends in Cell Biology, 2003, 13, 603-606.	7.9	52
42	Growth factors induce differential phosphorylation profiles of the Hrsâ€“STAM complex: a common node in signalling networks with signal-specific properties. Biochemical Journal, 2005, 389, 629-636.	3.7	51
43	Deubiquitinase Activities Required for Hepatocyte Growth Factor-Induced Scattering of Epithelial Cells. Current Biology, 2009, 19, 1463-1466.	3.9	50
44	Loss of the deubiquitylase BAP1 alters class I histone deacetylase expression and sensitivity of mesothelioma cells to HDAC inhibitors. Oncotarget, 2015, 6, 13757-13771.	1.8	48
45	HRSâ€“WASH axis governs actin-mediated endosomal recycling and cell invasion. Journal of Cell Biology, 2018, 217, 2549-2564.	5.2	46
46	Direct and Indirect Control of Mitogen-activated Protein Kinase Pathway-associated Components, BRAP/IMP E3 Ubiquitin Ligase and CRAF/RAF1 Kinase, by the Deubiquitylating Enzyme USP15. Journal of Biological Chemistry, 2012, 287, 43007-43018.	3.4	44
47	The deubiquitylase USP15 stabilizes newly synthesized REST and rescues its expression at mitotic exit. Cell Cycle, 2013, 12, 1964-1977.	2.6	44
48	The Deubiquitylase USP2 Regulates the LDLR Pathway by Counteracting the E3-Ubiquitin Ligase IDOL. Circulation Research, 2016, 118, 410-419.	4.5	43
49	Regulation of ErbB2 Receptor Status by the Proteasomal DUB POH1. PLoS ONE, 2009, 4, e5544.	2.5	42
50	Ubiquitin-dependent folding of the Wnt signaling coreceptor LRP6. ELife, 2016, 5, .	6.0	42
51	Phosphoinositides and the endocytic pathway. Experimental Cell Research, 2009, 315, 1627-1631.	2.6	41
52	Integration of cellular ubiquitin and membrane traffic systems: focus on deubiquitylases. FEBS Journal, 2017, 284, 1753-1766.	4.7	36
53	Bimodal antagonism of PKA signalling by ARHGAP36. Nature Communications, 2016, 7, 12963.	12.8	33
54	The centrosomal Deubiquitylase USP21 regulates Gli1 transcriptional activity and stability.. Journal of Cell Science, 2016, 129, 4001-4013.	2.0	30

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55	The deubiquitylase USP15 regulates topoisomerase II alpha to maintain genome integrity. Oncogene, 2018, 37, 2326-2342.	5.9	29
56	Protein degradation on the global scale. Molecular Cell, 2022, 82, 1414-1423.	9.7	29
57	Control of growth factor receptor dynamics by reversible ubiquitination. Biochemical Society Transactions, 2006, 34, 754-756.	3.4	25
58	<scp>USP8</scp> Controls the Trafficking and Sorting ofÂLysosomal Enzymes. Traffic, 2014, 15, 879-888.	2.7	25
59	USP28 deletion and small-molecule inhibition destabilizes c-MYC and elicits regression of squamous cell lung carcinoma. ELife, 2021, 10, .	6.0	25
60	Benchmarking a highly selective USP30 inhibitor for enhancement of mitophagy and pexophagy. Life Science Alliance, 2022, 5, e202101287.	2.8	25
61	Isoformâ€Specific Localization of the Deubiquitinase USP33 to the Golgi Apparatus. Traffic, 2011, 12, 1563-1574.	2.7	24
62	Structural variability of the ubiquitin specific protease DUSP-UBL double domains. FEBS Letters, 2011, 585, 3385-3390.	2.8	23
63	The deubiquitylase USP9X controls ribosomal stalling. Journal of Cell Biology, 2021, 220, .	5.2	20
64	Multivesicular bodies. Current Biology, 2008, 18, R402-R404.	3.9	17
65	Ab initio protein modelling reveals novel human MIT domains. FEBS Letters, 2009, 583, 872-878.	2.8	17
66	Selective protein degradation in cell signalling. Seminars in Cell and Developmental Biology, 2012, 23, 509-514.	5.0	15
67	Deciphering histone 2A deubiquitination. Genome Biology, 2008, 9, 202.	9.6	14
68	Combined Analyses of the VHL and Hypoxia Signaling Axes in an Isogenic Pairing of Renal Clear Cell Carcinoma Cells. Journal of Proteome Research, 2015, 14, 5263-5272.	3.7	12
69	Plasticity of Mammary Cell Boundaries Governed by EGF and Actin Remodeling. Cell Reports, 2014, 8, 1722-1730.	6.4	11
70	The Role of BCA2 in the Endocytic Trafficking of EGFR and Significance as a Prognostic Biomarker in Cancer. Journal of Cancer, 2016, 7, 2388-2407.	2.5	11
71	New aspects of USP30 biology in the regulation of pexophagy. Autophagy, 2019, 15, 1634-1637.	9.1	10
72	The PINK1 repertoire: Not just a one trick pony. BioEssays, 2021, 43, e2100168.	2.5	9

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73	Membrane compartmentalisation of the ubiquitin system. Seminars in Cell and Developmental Biology, 2022, 132, 171-184.	5.0	6
74	Data mining for traffic information. Traffic, 2020, 21, 162-168.	2.7	5
75	Moving In With Ubiquitin. Traffic, 2011, 12, 135-136.	2.7	1
76	Regulation of Endocytic Trafficking and Signalling by Deubiquitylating Enzymes. , 2013, , 245-259.		0