Michael Rape

List of Publications by Year
in descending order

88	13,318	50170 46	53109 85
papers	citations	h-index	g-index

126	126	126	12900
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Ubiquitin Code. Annual Review of Biochemistry, 2012, 81, 203-229.	5.0	2,844
2	Building ubiquitin chains: E2 enzymes at work. Nature Reviews Molecular Cell Biology, 2009, 10, 755-764.	16.1	816
3	The increasing complexity of the ubiquitin code. Nature Cell Biology, 2016, 18, 579-586.	4.6	794
4	Activation of a Membrane-Bound Transcription Factor by Regulated Ubiquitin/Proteasome-Dependent Processing. Cell, 2000, 102, 577-586.	13.5	540
5	A Series of Ubiquitin Binding Factors Connects CDC48/p97 to Substrate Multiubiquitylation and Proteasomal Targeting. Cell, 2005, 120, 73-84.	13.5	469
6	Mechanism of Ubiquitin-Chain Formation by the Human Anaphase-Promoting Complex. Cell, 2008, 133, 653-665.	13.5	457
7	Ubiquitylation at the crossroads of development and disease. Nature Reviews Molecular Cell Biology, 2018, 19, 59-70.	16.1	430
8	Mobilization of Processed, Membrane-Tethered SPT23 Transcription Factor by CDC48UFD1/NPL4, a Ubiquitin-Selective Chaperone. Cell, 2001, 107, 667-677.	13.5	421
9	Enhanced Protein Degradation by Branched Ubiquitin Chains. Cell, 2014, 157, 910-921.	13.5	383
10	Anaphase initiation is regulated by antagonistic ubiquitination and deubiquitination activities. Nature, 2007, 446, 876-881.	13.7	333
11	K11-Linked Polyubiquitination in Cell Cycle Control Revealed by a K11 Linkage-Specific Antibody. Molecular Cell, 2010, 39, 477-484.	4.5	329
12	Role of the ubiquitin-selective CDC48UFD1/NPL4 chaperone (segregase) in ERAD of OLE1 and other substrates. EMBO Journal, 2002, 21, 615-621.	3.5	297
13	Ubiquitin-dependent regulation of COPII coat size and function. Nature, 2012, 482, 495-500.	13.7	292
14	Autonomous regulation of the anaphase-promoting complex couples mitosis to S-phase entry. Nature, 2004, 432, 588-595.	13.7	264
15	Identification of a physiological E2 module for the human anaphase-promoting complex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18213-18218.	3.3	259
16	The Processivity of Multiubiquitination by the APC Determines the Order of Substrate Degradation. Cell, 2006, 124, 89-103.	13.5	256
17	Assembly and Function of Heterotypic Ubiquitin Chains in Cell-Cycle and Protein Quality Control. Cell, 2017, 171, 918-933.e20.	13.5	245
18	The Mechanism of Linkage-Specific Ubiquitin Chain Elongation by a Single-Subunit E2. Cell, 2011, 144, 769-781.	13.5	241

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19	Principles of Ubiquitin-Dependent Signaling. Annual Review of Cell and Developmental Biology, 2018, 34, 137-162.	4.0	225
20	The Prp19 complex and the Usp4^{Sart3} deubiquitinating enzyme control reversible ubiquitination at the spliceosome. Genes and Development, 2010, 24, 1434-1447.	2.7	196
21	Retinoblastoma protein and anaphase-promoting complex physically interact and functionally cooperate during cell-cycle exit. Nature Cell Biology, 2007, 9, 225-232.	4.6	155
22	Cell-fate determination by ubiquitin-dependent regulation of translation. Nature, 2015, 525, 523-527.	13.7	145
23	K11-linked ubiquitin chains as novel regulators of cell division. Trends in Cell Biology, 2011, 21, 656-663.	3.6	144
24	Membrane-bound transcription factors: regulated release by RIP or RUP. Current Opinion in Cell Biology, 2001, 13, 344-348.	2.6	136
25	Regulated Degradation of Spindle Assembly Factors by the Anaphase-Promoting Complex. Molecular Cell, 2010, 38, 369-382.	4.5	114
26	Branching Out: Improved Signaling by Heterotypic Ubiquitin Chains. Trends in Cell Biology, 2019, 29, 704-716.	3.6	114
27	Regulation of the CUL3ÂUbiquitin Ligase by a Calcium-Dependent Co-adaptor. Cell, 2016, 167, 525-538.e14.	13.5	110
28	Prospective discovery of small molecule enhancers of an E3 ligase-substrate interaction. Nature Communications, 2019, 10, 1402.	5.8	110
29	EMI1 switches from being a substrate to an inhibitor of APC/CCDH1 to start the cell cycle. Nature, 2018, 558, 313-317.	13.7	104
30	Taking a bite: proteasomal protein processing. Nature Cell Biology, 2002, 4, E113-E116.	4.6	103
31	Discovery of a Covalent FEM1B Recruiter for Targeted Protein Degradation Applications. Journal of the American Chemical Society, 2022, 144, 701-708.	6.6	99
32	Emerging regulatory mechanisms in ubiquitin-dependent cell cycle control. Journal of Cell Science, 2012, 125, 255-263.	1.2	95
33	Reverse the curseâ€"the role of deubiquitination in cell cycle control. Current Opinion in Cell Biology, 2008, 20, 156-163.	2.6	90
34	A Cellular Mechanism to Detect and Alleviate Reductive Stress. Cell, 2020, 183, 46-61.e21.	13.5	85
35	Chemoproteomic Screening of Covalent Ligands Reveals UBA5 As a Novel Pancreatic Cancer Target. ACS Chemical Biology, 2017, 12, 899-904.	1.6	84
36	Regulation of Ubiquitin Chain Initiation to Control the Timing of Substrate Degradation. Molecular Cell, 2011, 42, 744-757.	4.5	77

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37	The Multiple Layers of Ubiquitin-Dependent Cell Cycle Control. Chemical Reviews, 2009, 109, 1537-1548.	23.0	73
38	MicroRNA-155 Reinforces HIV Latency. Journal of Biological Chemistry, 2015, 290, 13736-13748.	1.6	72
39	Gene expression and cell identity controlled by anaphase-promoting complex. Nature, 2020, 579, 136-140.	13.7	69
40	Ubiquitin Chain Elongation Requires E3-Dependent Tracking of the Emerging Conjugate. Molecular Cell, 2014, 56, 232-245.	4.5	66
41	Evasion of autophagy mediated by Rickettsia surface protein OmpB is critical for virulence. Nature Microbiology, 2019, 4, 2538-2551.	5.9	60
42	Structural basis and regulation of the reductive stress response. Cell, 2021, 184, 5375-5390.e16.	13.5	58
43	Characterization of a new qQq-FTICR mass spectrometer for post-translational modification analysis and top-down tandem mass spectrometry of whole proteins. Journal of the American Society for Mass Spectrometry, 2005, 16, 1985-1999.	1.2	57
44	Macromolecular juggling by ubiquitylation enzymes. BMC Biology, 2013, 11, 65.	1.7	56
45	Dimerization quality control ensures neuronal development and survival. Science, 2018, 362, .	6.0	56
46	Productive RUPture: activation of transcription factors by proteasomal processing. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1695, 209-213.	1.9	55
47	An E3 ligase guide to the galaxy of small-molecule-induced protein degradation. Cell Chemical Biology, 2021, 28, 1000-1013.	2.5	55
48	Processive ubiquitin chain formation by the anaphase-promoting complex. Seminars in Cell and Developmental Biology, 2011, 22, 544-550.	2.3	49
49	Recognition of protein substrates by the prolyl isomerase trigger factor is independent of proline residues 1 1Edited by P. E. Wright. Journal of Molecular Biology, 1998, 277, 723-732.	2.0	45
50	The Colossus of Ubiquitylation: Decrypting a Cellular Code. Molecular Cell, 2013, 49, 591-600.	4.5	42
51	Assembly and function of branched ubiquitin chains. Trends in Biochemical Sciences, 2022, 47, 759-771.	3.7	40
52	Ubiquitin-Dependent Regulation of Stem Cell Biology. Trends in Cell Biology, 2017, 27, 568-579.	3.6	39
53	Ubiquitinâ€specific protease 4 is inhibited by its ubiquitinâ€like domain. EMBO Reports, 2011, 12, 365-372.	2.0	37
54	Dynamic regulation of ubiquitin-dependent cell cycle control. Current Opinion in Cell Biology, 2013, 25, 704-710.	2.6	37

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55	Control of APC/C-dependent ubiquitin chain elongation by reversible phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1540-1545.	3.3	36
56	Structural basis for dimerization quality control. Nature, 2020, 586, 452-456.	13.7	36
57	Microtubule-Dependent Regulation of Mitotic Protein Degradation. Molecular Cell, 2014, 53, 179-192.	4.5	29
58	Better Safe than Sorry: Interlinked Feedback Loops for Robust Mitophagy. Molecular Cell, 2015, 60, 1-2.	4.5	27
59	Multisite dependency of an E3 ligase controls monoubiquitylation-dependent cell fate decisions. ELife, 2018, 7, .	2.8	26
60	Ubiquitin-dependent remodeling of the actin cytoskeleton drives cell fusion. Developmental Cell, 2021, 56, 588-601.e9.	3.1	26
61	Substrate-specific regulation of ubiquitination by the anaphase-promoting complex. Cell Cycle, 2011, 10, 52-56.	1.3	25
62	Getting Close: Insight into the Structure and Function of K11/K48-Branched Ubiquitin Chains. Structure, 2020, 28, 1-3.	1.6	25
63	Drugging the â€œUndruggableâ€•MYCN Oncogenic Transcription Factor: Overcoming Previous Obstacles to Impact Childhood Cancers. Cancer Research, 2021, 81, 1627-1632.	0.4	25
64	Using Linkage-Specific Monoclonal Antibodies to Analyze Cellular Ubiquitylation. Methods in Molecular Biology, 2012, 832, 185-196.	0.4	24
65	Crystal Structure of a Ube2S-Ubiquitin Conjugate. PLoS ONE, 2016, 11, e0147550.	1.1	24
66	Identification of Ubiquitin Ligase Substrates by In Vitro Expression Cloning. Methods in Enzymology, 2005, 399, 404-414.	0.4	23
67	USP15 regulates dynamic proteinâ€“protein interactions of the spliceosome through deubiquitination of PRP31. Nucleic Acids Research, 2017, 45, gkw1365.	6.5	23
68	Ubiquitinâ€dependent regulation of transcription in development and disease. EMBO Reports, 2021, 22, e51078.	2.0	16
69	Preparation of Synchronized Human Cell Extracts to Study Ubiquitination and Degradation. Methods in Molecular Biology, 2009, 545, 301-312.	0.4	16
70	Quality control of protein complex composition. Molecular Cell, 2022, 82, 1439-1450.	4.5	15
71	Assembly of K11-Linked Ubiquitin Chains by the Anaphase-Promoting Complex. Sub-Cellular Biochemistry, 2010, 54, 107-115.	1.0	14
72	Co-adaptor driven assembly of a CUL3 E3 ligase complex. Molecular Cell, 2022, 82, 585-597.e11.	4.5	13

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73	Ubiquitin levels: the next target against gynecological cancers?. Journal of Clinical Investigation, 2017, 127, 4228-4230.	3.9	11
74	Cell Cycle: On-Time Delivery of Plk1 during Cytokinesis. Current Biology, 2007, 17, R506-R508.	1.8	9
75	Tug of War in the Xenophagy World. Trends in Cell Biology, 2019, 29, 767-769.	3.6	9
76	Getting a Grip on Microtubules. Cell, 2016, 164, 836-837.	13.5	6
77	Cullin' PLK1 from kinetochores. Nature Cell Biology, 2013, 15, 347-348.	4.6	5
78	Plant biology informs drug discovery. Nature Reviews Molecular Cell Biology, 2014, 15, 501-501.	16.1	4
79	Conducting the finale of DNA replication. Genes and Development, 2017, 31, 226-227.	2.7	2
80	Powering stem cell decisions with ubiquitin. Cell Death and Differentiation, 2017, 24, 1823-1824.	5.0	2
81	Walking the edge. Nature Chemical Biology, 2014, 10, 243-244.	3.9	1
82	Unlocking a dark past. ELife, 2018, 7, .	2.8	1
83	A set of surgical chain saws. EMBO Journal, 2009, 28, 615-616.	3.5	0
84	Editorial overview: Differentiation and disease. Current Opinion in Cell Biology, 2015, 37, v-vi.	2.6	0
85	Mechanism of Ubiquitin Chain Formation by the human Anaphaseâ€Promoting Complex. FASEB Journal, 2008, 22, 260.2.	0.2	0
86	Caught in the act. ELife, 2013, 2, e01127.	2.8	0
87	The Rickettsia Surface Protein OmpB is Critical for Virulence and Evasion of Autophagy. SSRN Electronic Journal, 0, , .	0.4	0
88	Workshop-based learning and networking: a scalable model for research capacity strengthening in low- and middle-income countries. Global Health Action, 2022, 15, .	0.7	0