Michael Rape

List of Publications by Year
in descending order

88 papers	13,318 citations	50170 46 h-index	53109 85 g-index
126 all docs	126 docs citations	126 times ranked	12900 citing authors

#	Article	IF	Citations
1	Discovery of a Covalent FEM1B Recruiter for Targeted Protein Degradation Applications. Journal of the American Chemical Society, 2022, 144, 701-708.	6.6	99
2	Co-adaptor driven assembly of a CUL3 E3 ligase complex. Molecular Cell, 2022, 82, 585-597.e11.	4.5	13
3	Quality control of protein complex composition. Molecular Cell, 2022, 82, 1439-1450.	4.5	15
4	Assembly and function of branched ubiquitin chains. Trends in Biochemical Sciences, 2022, 47, 759-771.	3.7	40
5	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
6	Ubiquitin-dependent remodeling of the actin cytoskeleton drives cell fusion. Developmental Cell, 2021, 56, 588-601.e9.	3.1	26
7	Ubiquitinâ€dependent regulation of transcription in development and disease. EMBO Reports, 2021, 22, e51078.	2.0	16
8	An E3 ligase guide to the galaxy of small-molecule-induced protein degradation. Cell Chemical Biology, 2021, 28, 1000-1013.	2.5	55
9	Structural basis and regulation of the reductive stress response. Cell, 2021, 184, 5375-5390.e16.	13.5	58
10	Drugging the â€œUndruggableâ€•MYCN Oncogenic Transcription Factor: Overcoming Previous Obstacles to Impact Childhood Cancers. Cancer Research, 2021, 81, 1627-1632.	0.4	25
11	Getting Close: Insight into the Structure and Function of K11/K48-Branched Ubiquitin Chains. Structure, 2020, 28, 1-3.	1.6	25
12	A Cellular Mechanism to Detect and Alleviate Reductive Stress. Cell, 2020, 183, 46-61.e21.	13.5	85
13	Structural basis for dimerization quality control. Nature, 2020, 586, 452-456.	13.7	36
14	Gene expression and cell identity controlled by anaphase-promoting complex. Nature, 2020, 579, 136-140.	13.7	69
15	Branching Out: Improved Signaling by Heterotypic Ubiquitin Chains. Trends in Cell Biology, 2019, 29, 704-716.	3.6	114
16	Tug of War in the Xenophagy World. Trends in Cell Biology, 2019, 29, 767-769.	3.6	9
17	Evasion of autophagy mediated by Rickettsia surface protein OmpB is critical for virulence. Nature Microbiology, 2019, 4, 2538-2551.	5.9	60
18	Prospective discovery of small molecule enhancers of an E3 ligase-substrate interaction. Nature Communications, 2019, 10, 1402.	5.8	110

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19	Ubiquitylation at the crossroads of development and disease. Nature Reviews Molecular Cell Biology, 2018, 19, 59-70.	16.1	430
20	Dimerization quality control ensures neuronal development and survival. Science, 2018, 362, .	6.0	56
21	Multisite dependency of an E3 ligase controls monoubiquitylation-dependent cell fate decisions. ELife, 2018, 7, .	2.8	26
22	Principles of Ubiquitin-Dependent Signaling. Annual Review of Cell and Developmental Biology, 2018, 34, 137-162.	4.0	225
23	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
24	Unlocking a dark past. ELife, 2018, 7, .	2.8	1
25	USP15 regulates dynamic proteinâ€"protein interactions of the spliceosome through deubiquitination of PRP31. Nucleic Acids Research, 2017, 45, gkw1365.	6.5	23
26	Conducting the finale of DNA replication. Genes and Development, 2017, 31, 226-227.	2.7	2
27	Chemoproteomic Screening of Covalent Ligands Reveals UBA5 As a Novel Pancreatic Cancer Target. ACS Chemical Biology, 2017, 12, 899-904.	1.6	84
28	Ubiquitin-Dependent Regulation of Stem Cell Biology. Trends in Cell Biology, 2017, 27, 568-579.	3.6	39
29	Assembly and Function of Heterotypic Ubiquitin Chains in Cell-Cycle and Protein Quality Control. Cell, 2017, 171, 918-933.e20.	13.5	245
30	Powering stem cell decisions with ubiquitin. Cell Death and Differentiation, 2017, 24, 1823-1824.	5.0	2
31	Ubiquitin levels: the next target against gynecological cancers?. Journal of Clinical Investigation, 2017, 127, 4228-4230.	3.9	11
32	The increasing complexity of the ubiquitin code. Nature Cell Biology, 2016, 18, 579-586.	4.6	794
33	Getting a Grip on Microtubules. Cell, 2016, 164, 836-837.	13.5	6
34	Regulation of the CUL3ÂUbiquitin Ligase by a Calcium-Dependent Co-adaptor. Cell, 2016, 167, 525-538.e14.	13.5	110
35	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
36	Crystal Structure of a Ube2S-Ubiquitin Conjugate. PLoS ONE, 2016, 11, e0147550.	1.1	24

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37	MicroRNA-155 Reinforces HIV Latency. Journal of Biological Chemistry, 2015, 290, 13736-13748.	1.6	72
38	Editorial overview: Differentiation and disease. Current Opinion in Cell Biology, 2015, 37, v-vi.	2.6	0
39	Better Safe than Sorry: Interlinked Feedback Loops for Robust Mitophagy. Molecular Cell, 2015, 60, 1-2.	4.5	27
40	Cell-fate determination by ubiquitin-dependent regulation of translation. Nature, 2015, 525, 523-527.	13.7	145
41	Walking the edge. Nature Chemical Biology, 2014, 10, 243-244.	3.9	1
42	Enhanced Protein Degradation by Branched Ubiquitin Chains. Cell, 2014, 157, 910-921.	13.5	383
43	Ubiquitin Chain Elongation Requires E3-Dependent Tracking of the Emerging Conjugate. Molecular Cell, 2014, 56, 232-245.	4.5	66
44	Plant biology informs drug discovery. Nature Reviews Molecular Cell Biology, 2014, 15, 501-501.	16.1	4
45	Microtubule-Dependent Regulation of Mitotic Protein Degradation. Molecular Cell, 2014, 53, 179-192.	4.5	29
46	The Colossus of Ubiquitylation: Decrypting a Cellular Code. Molecular Cell, 2013, 49, 591-600.	4.5	42
47	Dynamic regulation of ubiquitin-dependent cell cycle control. Current Opinion in Cell Biology, 2013, 25, 704-710.	2.6	37
48	Macromolecular juggling by ubiquitylation enzymes. BMC Biology, 2013, 11, 65.	1.7	56
49	Cullin' PLK1 from kinetochores. Nature Cell Biology, 2013, 15, 347-348.	4.6	5
50	Caught in the act. ELife, 2013, 2, e01127.	2.8	0
51	Emerging regulatory mechanisms in ubiquitin-dependent cell cycle control. Journal of Cell Science, 2012, 125, 255-263.	1.2	95
52	Ubiquitin-dependent regulation of COPII coat size and function. Nature, 2012, 482, 495-500.	13.7	292
53	The Ubiquitin Code. Annual Review of Biochemistry, 2012, 81, 203-229.	5.0	2,844
54	Using Linkage-Specific Monoclonal Antibodies to Analyze Cellular Ubiquitylation. Methods in Molecular Biology, 2012, 832, 185-196.	0.4	24

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55	Substrate-specific regulation of ubiquitination by the anaphase-promoting complex. Cell Cycle, 2011, 10, 52-56.	1.3	25
56	The Mechanism of Linkage-Specific Ubiquitin Chain Elongation by a Single-Subunit E2. Cell, 2011, 144, 769-781.	13.5	241
57	Regulation of Ubiquitin Chain Initiation to Control the Timing of Substrate Degradation. Molecular Cell, 2011, 42, 744-757.	4.5	77
58	Processive ubiquitin chain formation by the anaphase-promoting complex. Seminars in Cell and Developmental Biology, 2011, 22, 544-550.	2.3	49
59	Ubiquitinâ€specific protease 4 is inhibited by its ubiquitinâ€like domain. EMBO Reports, 2011, 12, 365-372.	2.0	37
60	K11-linked ubiquitin chains as novel regulators of cell division. Trends in Cell Biology, 2011, 21, 656-663.	3.6	144
61	Regulated Degradation of Spindle Assembly Factors by the Anaphase-Promoting Complex. Molecular Cell, 2010, 38, 369-382.	4.5	114
62	K11-Linked Polyubiquitination in Cell Cycle Control Revealed by a K11 Linkage-Specific Antibody. Molecular Cell, 2010, 39, 477-484.	4.5	329
63	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
64	Assembly of K11-Linked Ubiquitin Chains by the Anaphase-Promoting Complex. Sub-Cellular Biochemistry, 2010, 54, 107-115.	1.0	14
65	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
66	A set of surgical chain saws. EMBO Journal, 2009, 28, 615-616.	3.5	0
67	Building ubiquitin chains: E2 enzymes at work. Nature Reviews Molecular Cell Biology, 2009, 10, 755-764.	16.1	816
68	The Multiple Layers of Ubiquitin-Dependent Cell Cycle Control. Chemical Reviews, 2009, 109, 1537-1548.	23.0	73
69	Preparation of Synchronized Human Cell Extracts to Study Ubiquitination and Degradation. Methods in Molecular Biology, 2009, 545, 301-312.	0.4	16
70	Reverse the curseâ€"the role of deubiquitination in cell cycle control. Current Opinion in Cell Biology, 2008, 20, 156-163.	2.6	90
71	Mechanism of Ubiquitin-Chain Formation by the Human Anaphase-Promoting Complex. Cell, 2008, 133, 653-665.	13.5	457
72	Mechanism of Ubiquitin Chain Formation by the human Anaphaseâ€Promoting Complex. FASEB Journal, 2008, 22, 260.2.	0.2	0

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73	Anaphase initiation is regulated by antagonistic ubiquitination and deubiquitination activities. Nature, 2007, 446, 876-881.	13.7	333
74	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
75	Cell Cycle: On-Time Delivery of Plk1 during Cytokinesis. Current Biology, 2007, 17, R506-R508.	1.8	9
76	The Processivity of Multiubiquitination by the APC Determines the Order of Substrate Degradation. Cell, 2006, 124, 89-103.	13.5	256
77	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
78	Identification of Ubiquitin Ligase Substrates by In Vitro Expression Cloning. Methods in Enzymology, 2005, 399, 404-414.	0.4	23
79	A Series of Ubiquitin Binding Factors Connects CDC48/p97 to Substrate Multiubiquitylation and Proteasomal Targeting. Cell, 2005, 120, 73-84.	13.5	469
80	Autonomous regulation of the anaphase-promoting complex couples mitosis to S-phase entry. Nature, 2004, 432, 588-595.	13.7	264
81	Productive RUPture: activation of transcription factors by proteasomal processing. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1695, 209-213.	1.9	55
82	Taking a bite: proteasomal protein processing. Nature Cell Biology, 2002, 4, E113-E116.	4.6	103
83	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
84	Mobilization of Processed, Membrane-Tethered SPT23 Transcription Factor by CDC48UFD1/NPL4, a Ubiquitin-Selective Chaperone. Cell, 2001, 107, 667-677.	13.5	421
85	Membrane-bound transcription factors: regulated release by RIP or RUP. Current Opinion in Cell Biology, 2001, 13, 344-348.	2.6	136
86	Activation of a Membrane-Bound Transcription Factor by Regulated Ubiquitin/Proteasome-Dependent Processing. Cell, 2000, 102, 577-586.	13.5	540
87	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
88	The Rickettsia Surface Protein OmpB is Critical for Virulence and Evasion of Autophagy. SSRN Electronic Journal, 0, , .	0.4	0