

# CITATION REPORT

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Ubiquitin-activating enzyme UBA1 is required for cellular response to DNA damage

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Cell Cycle, 2012, 11, 1573-82.

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#	Paper	IF	Citations
73	Chemical inactivation of Pat1: a novel approach to synchronize meiosis. <i>Cell Cycle</i> , <b>2012</b> , 11, 1875	4.7	1
72	Another way to induce synchronous meiosis. <i>Cell Cycle</i> , <b>2012</b> , 11, 1874	4.7	2
71	Pat(ing) boosts meiosis. <i>Cell Cycle</i> , <b>2012</b> , 11, 1876-7	4.7	1
70	DNA damage-related ubiquitinations: one E1 that rules them all. <i>Cell Cycle</i> , <b>2012</b> , 11, 1872	4.7	
69	Checkpoint kinase-1: one actor playing two roles in "maintaining genomic integrity". <i>Cell Cycle</i> , <b>2012</b> , 11, 1873	4.7	
68	Evaluation of candidate biomarkers to predict cancer cell sensitivity or resistance to PARP-1 inhibitor treatment. <i>Cell Cycle</i> , <b>2012</b> , 11, 3837-50	4.7	125
67	Downregulation of Wip1 phosphatase modulates the cellular threshold of DNA damage signaling in mitosis. <i>Cell Cycle</i> , <b>2013</b> , 12, 251-62	4.7	40
66	X and Y chromosome complement influence adiposity and metabolism in mice. <i>Endocrinology</i> , <b>2013</b> , 154, 1092-104	4.8	61
65	Adaptive immunity does not strongly suppress spontaneous tumors in a Sleeping Beauty model of cancer. <i>Journal of Immunology</i> , <b>2013</b> , 190, 4393-9	5.3	23
64	Proteomic response of <i>Moniliophthora perniciosa</i> exposed to pathogenesis-related protein-10 from <i>Theobroma cacao</i> . <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 4855-68	1.2	13
63	Characterization of ubiquitin-activating enzyme Uba1 in the nucleus by its mammalian temperature-sensitive mutant. <i>PLoS ONE</i> , <b>2014</b> , 9, e96666	3.7	19
62	UbcH7 regulates 53BP1 stability and DSB repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 17456-61	11.5	30
61	Dissecting the expression landscape of RNA-binding proteins in human cancers. <i>Genome Biology</i> , <b>2014</b> , 15, R14	18.3	161
60	Mass spectrometry-based quantification of the cellular response to methyl methanesulfonate treatment in human cells. <i>DNA Repair</i> , <b>2014</b> , 15, 29-38	4.3	3
59	53BP1: pro choice in DNA repair. <i>Trends in Cell Biology</i> , <b>2014</b> , 24, 108-17	18.3	240
58	A genome-wide IR-induced RAD51 foci RNAi screen identifies CDC73 involved in chromatin remodeling for DNA repair. <i>Cell Discovery</i> , <b>2015</b> , 1, 15034	22.3	17
57	Transcriptional Regulation of the Human Genes that Encode DNA Repair- and Mitochondrial Function-Associated Proteins. <b>2015</b> ,		5

56	Conjugation of the ubiquitin activating enzyme UBE1 with the ubiquitin-like modifier FAT10 targets it for proteasomal degradation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120329	3.7	22
55	Ubiquitin-H2AX fusions render 53BP1 recruitment to DNA damage sites independent of RNF8 or RNF168. <i>Cell Cycle</i> , <b>2015</b> , 14, 1748-58	4.7	9
54	DNA damage-induced regulatory interplay between DAXX, p53, ATM kinase and Wip1 phosphatase. <i>Cell Cycle</i> , <b>2015</b> , 14, 375-87	4.7	25
53	The E3 ubiquitin ligase ARIH1 protects against genotoxic stress by initiating a 4EHP-mediated mRNA translation arrest. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 1254-68	4.8	21
52	Age-related changes in the proteostasis network in the brain of the naked mole-rat: Implications promoting healthy longevity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 2213-24	6.9	39
51	UBA1: At the Crossroads of Ubiquitin Homeostasis and Neurodegeneration. <i>Trends in Molecular Medicine</i> , <b>2015</b> , 21, 622-632	11.5	69
50	Effects of sleep and wake on astrocytes: clues from molecular and ultrastructural studies. <i>BMC Biology</i> , <b>2015</b> , 13, 66	7.3	92
49	DNA-PK triggers histone ubiquitination and signaling in response to DNA double-strand breaks produced during the repair of transcription-blocking topoisomerase I lesions. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 1161-78	20.1	36
48	Quantitative proteomic analyses of mammary organoids reveals distinct signatures after exposure to environmental chemicals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E1343-51	11.5	38
47	Oestrus synchronisation and superovulation alter the cervicovaginal mucus proteome of the ewe. <i>Journal of Proteomics</i> , <b>2017</b> , 155, 1-10	3.9	7
46	Molecular Basis for K63-Linked Ubiquitination Processes in Double-Strand DNA Break Repair: A Focus on Kinetics and Dynamics. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 3409-3429	6.5	22
45	Differences in the expression of cell cycle genes in osteoblasts and endothelial cells cultured on the surfaces of Ti6Al4V and Ti6Al7Nb alloys. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2017</b> , 105, 1607-1617	5.4	2
44	The core ubiquitin system of mandarin fish, <i>Siniperca chuatsi</i> , can be utilized by infectious spleen and kidney necrosis virus. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 70, 293-301	4.3	17
43	A small-molecule inhibitor of the ubiquitin activating enzyme for cancer treatment. <i>Nature Medicine</i> , <b>2018</b> , 24, 186-193	50.5	145
42	Perturbation of RNA Polymerase I transcription machinery by ablation of HEATR1 triggers the RPL5/RPL11-MDM2-p53 ribosome biogenesis stress checkpoint pathway in human cells. <i>Cell Cycle</i> , <b>2018</b> , 17, 92-101	4.7	19
41	Administration of ubiquitin-activating enzyme UBA1 inhibitor PYR-41 attenuates angiotensin II-induced cardiac remodeling in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 317-324	3.4	8
40	Furosin Induced Apoptosis by the Regulation of STAT1/STAT2 and UBA7/UBE2L6 Genes in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	6
39	Phosphoproteins Involved in the Inhibition of Apoptosis and in Cell Survival in the Leiomyoma. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	4

38	Identification of cancer sex-disparity in the functional integrity of p53 and its X chromosome network. <i>Nature Communications</i> , <b>2019</b> , 10, 5385	17.4	23
37	Ubiquitin-Like Modifier Activating Enzyme 1 as a Novel Diagnostic and Prognostic Indicator That Correlates With Ferroptosis and the Malignant Phenotypes of Liver Cancer Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 592413	5.3	12
36	Identification of a Novel QTL for Chlorate Resistance in Rice ( <i>Oryza sativa</i> L.). <i>Agriculture (Switzerland)</i> , <b>2020</b> , 10, 360	3	6
35	Down-regulation of UBA6 exacerbates brain injury by inhibiting the activation of Notch signaling pathway to promote cerebral cell apoptosis in rat acute cerebral infarction model. <i>Molecular and Cellular Probes</i> , <b>2020</b> , 53, 101612	3.3	2
34	Small Molecule Inhibitors Confirm Ubiquitin-Dependent Removal of TOP2-DNA Covalent Complexes. <i>Molecular Pharmacology</i> , <b>2020</b> , 98, 222-233	4.3	4
33	Novel somatic alterations underlie Chinese papillary thyroid carcinoma. <i>Cancer Biomarkers</i> , <b>2020</b> , 27, 445-460	3.8	7
32	The pivotal role of ubiquitin-activating enzyme E1 (UBA1) in neuronal health and neurodegeneration. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2020</b> , 123, 105746	5.6	7
31	TRIM4 interacts with TRPM8 and regulates its channel function through K423-mediated ubiquitination. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 2934-2949	7	2
30	Get rid of pancreatic cancer by inhibiting garbage disposal?: Comment on "UAE1 Inhibition mediates the unfolded protein response, DNA damage and caspase-dependent cell death in pancreatic cancer" by Rehemtulla et al. <i>Translational Oncology</i> , <b>2021</b> , 14, 100968	4.9	
29	Chromatin Regulation through Ubiquitin and Ubiquitin-like Histone Modifications. <i>Trends in Biochemical Sciences</i> , <b>2021</b> , 46, 258-269	10.3	12
28	Expression of adenylate kinase fused mouse ubiquitin active enzyme in <i>Escherichia coli</i> and its application in ubiquitination. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2021</b> , 85, 1140-1146	2.1	2
27	Single-cell transcriptome analysis of human oocyte ageing. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 6289	5.6	4
26	Zebrafish Uba1 Degrades IRF3 through K48-Linked Ubiquitination to Inhibit IFN Production. <i>Journal of Immunology</i> , <b>2021</b> , 207, 512-522	5.3	0
25	Genomic and evolutionary classification of lung cancer in never smokers. <i>Nature Genetics</i> , <b>2021</b> , 53, 1348-1359	13.5	14
24	A protein interaction landscape of breast cancer. <i>Science</i> , <b>2021</b> , 374, eabf3066	33.3	4
23	A novel Xp11.22-22.33 deletion suggesting a possible mechanism of congenital cervical spinal muscular atrophy. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2021</b> , 9, e1606	2.3	0
22	Adult Neural Plasticity in Naked Mole-Rats: Implications of Fossoriality, Longevity and Sociality on the Brain's Capacity for Change. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1319, 105-135	3.6	3
21	Ubiquitination-activating enzymes UBE1 and UBA6 regulate ubiquitination and expression of cardiac sodium channel Nav1.5. <i>Biochemical Journal</i> , <b>2020</b> , 477, 1683-1700	3.8	5

20	Pathological complete response after cisplatin neoadjuvant therapy is associated with the downregulation of DNA repair genes in BRCA1-associated triple-negative breast cancers. <i>Oncotarget</i> , <b>2016</b> , 7, 68662-68673	3.3	11
19	Complementary genetic screens identify the E3 ubiquitin ligase CBLC, as a modifier of PARP inhibitor sensitivity. <i>Oncotarget</i> , <b>2015</b> , 6, 10746-58	3.3	13
18	Recruitment of ubiquitin-activating enzyme UBA1 to DNA by poly(ADP-ribose) promotes ATR signalling. <i>Life Science Alliance</i> , <b>2018</b> , 1, e201800096	5.8	9
17	A clinical, histopathological, and molecular study of two cases of VEXAS syndrome without a definitive myeloid neoplasm. <i>Blood Advances</i> , <b>2021</b> ,	7.8	0
16	Ubiquitination Enzymes. <i>Biochemistry</i> ,		
15	Characteristic bone marrow findings in patients with UBA1 somatic mutations and VEXAS syndrome. <i>Seminars in Hematology</i> , <b>2021</b> , 58, 204-211	4	2
14	Encoded, click-reactive DNA-binding domains for programmable capture of specific chromatin segments. <i>Chemical Science</i> , <b>2020</b> , 11, 12506-12511	9.4	1
13	The ubiquitin-dependent ATPase p97 removes cytotoxic trapped PARP1 from chromatin.. <i>Nature Cell Biology</i> , <b>2022</b> ,	23.4	7
12	Sesquiterpene Lactones Potentiate Olaparib-Induced DNA Damage in p53 Wildtype Cancer Cells.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	
11	Inward Outward Signaling in Ovarian Cancer: Morpho-Phospho-Proteomic Profiling Upon Application of Hypoxia and Shear Stress Characterizes the Adaptive Plasticity of OVCAR-3 and SKOV-3 Cells.. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 746411	5.3	1
10	BRCA1 mutations in high-grade serous ovarian cancer are associated with proteomic changes in DNA repair, splicing, transcription regulation and signaling.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4445	4.9	0
9	Potential Biomarkers of Acute Ischemic Stroke Etiology Revealed by Mass Spectrometry-Based Proteomic Characterization of Formalin-Fixed Paraffin-Embedded Blood Clots.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 854846	4.1	1
8	Somatic mutations in VEXAS Syndrome and Erdheim-Chester disease: Inflammatory myeloid diseases. <b>2022</b> ,		0
7	Predicted cellular interactors of the endogenous retrovirus-K protease enzyme. 2,		0
6	Improving Diagnosis and Clinical Management of Acquired Systemic Autoinflammatory Diseases. Volume 15, 5739-5755		0
5	An update on VEXAS syndrome. 1-13		0
4	Proteotranscriptomic analysis of advanced colorectal cancer patient derived organoids for drug sensitivity prediction <b>2023</b> , 42,		1
3	UBA1 inhibition contributes radiosensitization of glioblastoma cells via blocking DNA damage repair. 14,		0

- 2 Proteomic Profiling of Fallopian Tube-Derived Extracellular Vesicles Using a Microfluidic Tissue-on-Chip System. **2023**, 10, 423 ○
- 1 Comprehensive Characterization of Protein Turnover by Comparative SILAC Labeling Analysis in 3T3-L1. ○