

# Mikael Altun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5715929/publications.pdf>

Version: 2024-02-01

41  
papers

3,496  
citations

304701

22  
h-index

276858

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

5800  
citing authors

#	ARTICLE	IF	CITATIONS
1	The exon-junction complex helicase eIF4A3 controls cell fate via coordinated regulation of ribosome biogenesis and translational output. <i>Science Advances</i> , 2021, 7, .	10.3	25
2	Involvement of Autophagy in Levodopa-Induced Dyskinesia. <i>Movement Disorders</i> , 2021, 36, 1137-1146.	3.9	8
3	Inhibition of the ubiquitin-proteasome system by an NQO1-activatable compound. <i>Cell Death and Disease</i> , 2021, 12, 914.	6.3	3
4	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	8.0	14
5	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020, 48, 12234-12251.	14.5	29
6	Cell Cycle Profiling Reveals Protein Oscillation, Phosphorylation, and Localization Dynamics. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 608-623.	3.8	22
7	Muscle atrophy and regeneration associated with behavioural loss and recovery of function after sciatic nerve crush. <i>Acta Physiologica</i> , 2019, 227, e13335.	3.8	9
8	Impact of vitamin D and vitamin D receptor TaqI polymorphism in primary human myoblasts. <i>Endocrine Connections</i> , 2019, 8, 1070-1081.	1.9	1
9	Abstract 105: MTH1 promotes mitotic progression to avoid oxidative DNA damage in cancer cells. , 2019, , .		0
10	Targeting CDK 2 overcomes melanoma resistance against BRAF and Hsp90 inhibitors. <i>Molecular Systems Biology</i> , 2018, 14, e7858.	7.2	53
11	The chromatin-remodeling factor CHD4 is required for maintenance of childhood acute myeloid leukemia. <i>Haematologica</i> , 2018, 103, 1169-1181.	3.5	26
12	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018, 362, 834-839.	12.6	156
13	The histone chaperone NAP1L3 is required for haematopoietic stem cell maintenance and differentiation. <i>Scientific Reports</i> , 2018, 8, 11202.	3.3	9
14	The Next Step Forward in Ubiquitin-Specific Protease 7 Selective Inhibition. <i>Cell Chemical Biology</i> , 2017, 24, 1429-1431.	5.2	8
15	Comparative cell cycle transcriptomics reveals synchronization of developmental transcription factor networks in cancer cells. <i>PLoS ONE</i> , 2017, 12, e0188772.	2.5	22
16	Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. <i>Cell Reports</i> , 2016, 14, 298-309.	6.4	105
17	The Human Otubain2-Ubiquitin Structure Provides Insights into the Cleavage Specificity of Poly-Ubiquitin-Linkages. <i>PLoS ONE</i> , 2015, 10, e0115344.	2.5	31
18	MTH1 inhibition eradicates cancer by preventing sanitation of the dNTP pool. <i>Nature</i> , 2014, 508, 215-221.	27.8	419

#	ARTICLE	IF	CITATIONS
19	An N-terminal SIAH-interacting motif regulates the stability of the ubiquitin specific protease (USP)-19. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 390-395.	2.1	12
20	Deubiquitinating Enzyme Specificity for Ubiquitin Chain Topology Profiled by Di-Ubiquitin Activity Probes. <i>Chemistry and Biology</i> , 2013, 20, 1447-1455.	6.0	103
21	Fluorescence-based active site probes for profiling deubiquitinating enzymes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3379.	2.8	14
22	A Small Molecule Inhibitor of Ubiquitin-Specific Protease-7 Induces Apoptosis in Multiple Myeloma Cells and Overcomes Bortezomib Resistance. <i>Cancer Cell</i> , 2012, 22, 345-358.	16.8	491
23	Detection of ubiquitinâ€“proteasome enzymatic activities in cells: Application of activity-based probes to inhibitor development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 2029-2037.	4.1	41
24	Ubiquitin-specific Protease 19 (USP19) Regulates Hypoxia-inducible Factor 1 $\pm$ (HIF-1 $\pm$ ) during Hypoxia. <i>Journal of Biological Chemistry</i> , 2012, 287, 1962-1969.	3.4	71
25	Photoactivable peptides for identifying enzymeâ€“substrate and proteinâ€“protein interactions. <i>Chemical Communications</i> , 2011, 47, 1488-1490.	4.1	5
26	Label-free quantitative proteomics reveals regulation of interferon-induced protein with tetratricopeptide repeats 3 (IFIT3) and 5'-3'-exoribonuclease 2 (XRN2) during respiratory syncytial virus infection. <i>Virology Journal</i> , 2011, 8, 442.	3.4	20
27	Activity-Based Chemical Proteomics Accelerates Inhibitor Development for Deubiquitylating Enzymes. <i>Chemistry and Biology</i> , 2011, 18, 1401-1412.	6.0	348
28	A Photoreactive Small-Molecule Probe for 2-Oxoglutarate Oxygenases. <i>Chemistry and Biology</i> , 2011, 18, 642-654.	6.0	46
29	Postâ€“translational modification of the deubiquitinating enzyme otubainâ€“1 modulates active RhoA levels and susceptibility to <i>Yersinia</i> invasion. <i>FEBS Journal</i> , 2010, 277, 2515-2530.	4.7	65
30	Muscle Wasting in Aged, Sarcopenic Rats Is Associated with Enhanced Activity of the Ubiquitin Proteasome Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 39597-39608.	3.4	188
31	The ERâ€“resident ubiquitinâ€“specific protease 19 participates in the UPR and rescues ERAD substrates. <i>EMBO Reports</i> , 2009, 10, 755-761.	4.5	125
32	Structural basis and specificity of human otubain 1-mediated deubiquitination. <i>Biochemical Journal</i> , 2009, 418, 379-390.	3.7	180
33	Factors contributing to neuromuscular impairment and sarcopenia during aging. <i>Physiology and Behavior</i> , 2007, 92, 129-135.	2.1	147
34	Behavioral impairments of the aging rat. <i>Physiology and Behavior</i> , 2007, 92, 911-923.	2.1	117
35	Iron load and redox stress in skeletal muscle of aged rats. <i>Muscle and Nerve</i> , 2007, 36, 223-233.	2.2	73
36	Atrogin-1/MAFbx and MuRF1 Are Downregulated in Aging-Related Loss of Skeletal Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 663-674.	3.6	164

#	ARTICLE	IF	CITATIONS
37	Effects of PS-341 on the Activity and Composition of Proteasomes in Multiple Myeloma Cells. <i>Cancer Research</i> , 2005, 65, 7896-7901.	0.9	130
38	Differential regulation of Shc adaptor proteins in skeletal muscle, spinal cord and forebrain of aged rats with sensorimotor impairment. <i>Aging Cell</i> , 2003, 2, 47-57.	6.7	14
39	Retrograde labeling of primary sensory neurons with fluorescent latex microspheres: a useful tool for long term tagging of neurons. <i>Journal of Neuroscience Methods</i> , 2001, 108, 19-24.	2.5	7
40	Extended peptide-based inhibitors efficiently target the proteasome and reveal overlapping specificities of the catalytic $\beta^2$ -subunits. <i>Chemistry and Biology</i> , 2001, 8, 913-929.	6.0	149
41	Cellular Degradation Machineries in Age-Related Loss of Muscle Mass (Sarcopenia). , 0, , .		6