

# Blerta Xhemalce

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2642544/publications.pdf>

Version: 2024-02-01

28  
papers

2,094  
citations

361413

20  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-molecule-induced DNA damage identifies alternative DNA structures in human genes. <i>Nature Chemical Biology</i> , 2012, 8, 301-310.	8.0	576
2	Nucleosome-Interacting Proteins Regulated by DNA and Histone Methylation. <i>Cell</i> , 2010, 143, 470-484.	28.9	524
3	Human RNA Methyltransferase BCDIN3D Regulates MicroRNA Processing. <i>Cell</i> , 2012, 151, 278-288.	28.9	131
4	Systematic bromodomain protein screens identify homologous recombination and R-loop suppression pathways involved in genome integrity. <i>Genes and Development</i> , 2019, 33, 1751-1774.	5.9	89
5	A chromodomain switch mediated by histone H3 Lys 4 acetylation regulates heterochromatin assembly. <i>Genes and Development</i> , 2010, 24, 647-652.	5.9	87
6	Role of the fission yeast SUMO E3 ligase Pli1p in centromere and telomere maintenance. <i>EMBO Journal</i> , 2004, 23, 3844-3853.	7.8	70
7	Regulation of Histone H3 Lysine 56 Acetylation in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 15040-15047.	3.4	70
8	Three Distinct Patterns of Histone H3Y41 Phosphorylation Mark Active Genes. <i>Cell Reports</i> , 2012, 2, 470-477.	6.4	54
9	ATM regulation of IL-8 links oxidative stress to cancer cell migration and invasion. <i>ELife</i> , 2015, 4, .	6.0	54
10	Role of SUMO in the dynamics of telomere maintenance in fission yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 893-898.	7.1	51
11	3D-Printed Microfluidic Microdissector for High-Throughput Studies of Cellular Aging. <i>Analytical Chemistry</i> , 2014, 86, 7406-7412.	6.5	50
12	Post-transcriptional regulation of antiviral gene expression by N6-methyladenosine. <i>Cell Reports</i> , 2021, 34, 108798.	6.4	46
13	Crosstalk between the RNA Methylation and Histone-Binding Activities of MePCE Regulates P-TEFb Activation on Chromatin. <i>Cell Reports</i> , 2018, 22, 1374-1383.	6.4	36
14	PCAF-Mediated Histone Acetylation Promotes Replication Fork Degradation by MRE11 and EXO1 in BRCA-Deficient Cells. <i>Molecular Cell</i> , 2020, 80, 327-344.e8.	9.7	35
15	Who Watches the Watchmen: Roles of RNA Modifications in the RNA Interference Pathway. <i>PLoS Genetics</i> , 2016, 12, e1006139.	3.5	29
16	Click Quantitative Mass Spectrometry Identifies PIWIL3 as a Mechanistic Target of RNA Interference Activator Enoxacin in Cancer Cells. <i>Journal of the American Chemical Society</i> , 2017, 139, 1400-1403.	13.7	27
17	Chromatin Regulates Genome Targeting with Cisplatin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6483-6487.	13.8	25
18	BCDIN3D regulates tRNA <sup>His</sup> 3â€™ fragment processing. <i>PLoS Genetics</i> , 2019, 15, e1008273.	3.5	24

#	ARTICLE	IF	CITATIONS
19	Deletion of the neural tube defect-associated gene disrupts one-carbon and central energy metabolism in mouse embryos. <i>Journal of Biological Chemistry</i> , 2018, 293, 5821-5833.	3.4	21
20	Making it or breaking it: DNA methylation and genome integrity. <i>Essays in Biochemistry</i> , 2020, 64, 687-703.	4.7	21
21	From histones to RNA: role of methylation in cancer. <i>Briefings in Functional Genomics</i> , 2013, 12, 244-253.	2.7	20
22	Poly(ADP-ribose) binding and macroH2A mediate recruitment and functions of KDM5A at DNA lesions. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	17
23	BCDIN3D RNA methyltransferase stimulates Aldolase C expression and glycolysis through let-7 microRNA in breast cancer cells. <i>Oncogene</i> , 2021, 40, 2395-2406.	5.9	13
24	Deciphering RNA modifications at base resolution: from chemistry to biology. <i>Briefings in Functional Genomics</i> , 2021, 20, 77-85.	2.7	5
25	Chromatin Regulates Genome Targeting with Cisplatin. <i>Angewandte Chemie</i> , 2017, 129, 6583-6587.	2.0	3
26	Facile detection of RNA phospho-methylation in cells and tissues. <i>Methods in Enzymology</i> , 2021, 658, 49-72.	1.0	1
27	Biological functions of RNA modifications. <i>Briefings in Functional Genomics</i> , 2021, 20, 75-76.	2.7	1
28	Antibody-Free Assay for RNA Methyltransferase Activity Analysis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0