

# Blerta Xhemalce

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

1,622

citations

16

h-index

31

g-index

31

ext. papers

1,889

ext. citations

11.8

avg, IF

4.54

L-index

#	Paper	IF	Citations
28	Small-molecule-induced DNA damage identifies alternative DNA structures in human genes. <i>Nature Chemical Biology</i> , <b>2012</b> , 8, 301-10	11.7	467
27	Nucleosome-interacting proteins regulated by DNA and histone methylation. <i>Cell</i> , <b>2010</b> , 143, 470-84	56.2	448
26	Human RNA methyltransferase BCDIN3D regulates microRNA processing. <i>Cell</i> , <b>2012</b> , 151, 278-88	56.2	111
25	A chromodomain switch mediated by histone H3 Lys 4 acetylation regulates heterochromatin assembly. <i>Genes and Development</i> , <b>2010</b> , 24, 647-52	12.6	74
24	Role of the fission yeast SUMO E3 ligase Pli1p in centromere and telomere maintenance. <i>EMBO Journal</i> , <b>2004</b> , 23, 3844-53	13	65
23	Regulation of histone H3 lysine 56 acetylation in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 15040-7	5.4	55
22	Three distinct patterns of histone H3Y41 phosphorylation mark active genes. <i>Cell Reports</i> , <b>2012</b> , 2, 470-710.6	10.6	49
21	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> , <b>2007</b> , 104, 893-8	11.5	48
20	Systematic bromodomain protein screens identify homologous recombination and R-loop suppression pathways involved in genome integrity. <i>Genes and Development</i> , <b>2019</b> , 33, 1751-1774	12.6	47
19	3D-printed microfluidic microdissector for high-throughput studies of cellular aging. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 7406-12	7.8	41
18	ATM regulation of IL-8 links oxidative stress to cancer cell migration and invasion. <i>ELife</i> , <b>2015</b> , 4,	8.9	41
17	Who Watches the Watchmen: Roles of RNA Modifications in the RNA Interference Pathway. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006139	6	20
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> , <b>2017</b> , 139, 1400-1403	16.4	19
15	Chromatin Regulates Genome Targeting with Cisplatin. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 6483-6487	16.4	17
14	From histones to RNA: role of methylation in cancer. <i>Briefings in Functional Genomics</i> , <b>2013</b> , 12, 244-53	4.9	17
13	PCAF-Mediated Histone Acetylation Promotes Replication Fork Degradation by MRE11 and EXO1 in BRCA-Deficient Cells. <i>Molecular Cell</i> , <b>2020</b> , 80, 327-344.e8	17.6	17
12	Deletion of the neural tube defect-associated gene disrupts one-carbon and central energy metabolism in mouse embryos. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 5821-5833	5.4	15

11	Crosstalk between the RNA Methylation and Histone-Binding Activities of MePCE Regulates P-TEFb Activation on Chromatin. <i>Cell Reports</i> , <b>2018</b> , 22, 1374-1383	10.6	14
10	BCDIN3D regulates tRNA <sup>His</sup> 3' fragment processing. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008273	6	12
9	Post-transcriptional regulation of antiviral gene expression by N6-methyladenosine. <i>Cell Reports</i> , <b>2021</b> , 34, 108798	10.6	12
8	Histone Modifications <b>2011</b> ,		10
7	Making it or breaking it: DNA methylation and genome integrity. <i>Essays in Biochemistry</i> , <b>2020</b> , 64, 687-703	3.6	9
6	Poly(ADP-ribose) binding and macroH2A mediate recruitment and functions of KDM5A at DNA lesions. <i>Journal of Cell Biology</i> , <b>2021</b> , 220,	7.3	7
5	Deciphering RNA modifications at base resolution: from chemistry to biology. <i>Briefings in Functional Genomics</i> , <b>2021</b> , 20, 77-85	4.9	3
4	BCDIN3D RNA methyltransferase stimulates Aldolase C expression and glycolysis through let-7 microRNA in breast cancer cells. <i>Oncogene</i> , <b>2021</b> , 40, 2395-2406	9.2	2
3	Chromatin Regulates Genome Targeting with Cisplatin. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 6583-6587	3.6	1
2	Biological functions of RNA modifications. <i>Briefings in Functional Genomics</i> , <b>2021</b> , 20, 75-76	4.9	1
1	Facile detection of RNA phospho-methylation in cells and tissues. <i>Methods in Enzymology</i> , <b>2021</b> , 658, 49-72	1.7	