

# Maria Berdasco

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

3,731  
citations

304368

22  
h-index

454577

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

7728  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in the pattern of DNA methylation associate with twin discordance in systemic lupus erythematosus. <i>Genome Research</i> , 2010, 20, 170-179.	2.4	569
2	Aberrant Epigenetic Landscape in Cancer: How Cellular Identity Goes Awry. <i>Developmental Cell</i> , 2010, 19, 698-711.	3.1	529
3	Clinical epigenetics: seizing opportunities for translation. <i>Nature Reviews Genetics</i> , 2019, 20, 109-127.	7.7	353
4	A DNA methylation fingerprint of 1628 human samples. <i>Genome Research</i> , 2012, 22, 407-419.	2.4	341
5	The timeline of epigenetic drug discovery: from reality to dreams. <i>Clinical Epigenetics</i> , 2019, 11, 174.	1.8	275
6	Quantitative comparison of DNA methylation assays for biomarker development and clinical applications. <i>Nature Biotechnology</i> , 2016, 34, 726-737.	9.4	270
7	Epigenetic inactivation of the Sotos overgrowth syndrome gene histone methyltransferase NSD1 in human neuroblastoma and glioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21830-21835.	3.3	190
8	Temozolomide Resistance in Glioblastoma Cell Lines: Implication of MGMT, MMR, P-Glycoprotein and CD133 Expression. <i>PLoS ONE</i> , 2015, 10, e0140131.	1.1	144
9	Genetic syndromes caused by mutations in epigenetic genes. <i>Human Genetics</i> , 2013, 132, 359-383.	1.8	141
10	Interplay between long non-coding RNAs and epigenetic machinery: emerging targets in cancer?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170074.	1.8	112
11	Epigenetic mechanisms during ageing and neurogenesis as novel therapeutic avenues in human brain disorders. <i>Clinical Epigenetics</i> , 2017, 9, 67.	1.8	108
12	DNA methylation in stem cell renewal and multipotency. <i>Stem Cell Research and Therapy</i> , 2011, 2, 42.	2.4	85
13	Hot topics in epigenetic mechanisms of aging: 2011. <i>Aging Cell</i> , 2012, 11, 181-186.	3.0	80
14	A Comprehensive DNA Methylation Profile of Epithelial-to-Mesenchymal Transition. <i>Cancer Research</i> , 2014, 74, 5608-5619.	0.4	69
15	S-adenosylmethionine Levels Regulate the Schwann Cell DNA Methylome. <i>Neuron</i> , 2014, 81, 1024-1039.	3.8	67
16	Regulation of DNA Methylation Patterns by CK2-Mediated Phosphorylation of Dnmt3a. <i>Cell Reports</i> , 2014, 8, 743-753.	2.9	66
17	Ethical implications of epigenetics in the era of personalized medicine. <i>Clinical Epigenetics</i> , 2022, 14, 44.	1.8	61
18	DNA Methylomes Reveal Biological Networks Involved in Human Eye Development, Functions and Associated Disorders. <i>Scientific Reports</i> , 2017, 7, 11762.	1.6	44

#	ARTICLE	IF	CITATIONS
19	Towards a more precise therapy in cancer: Exploring epigenetic complexity. <i>Current Opinion in Chemical Biology</i> , 2020, 57, 41-49.	2.8	38
20	DNA Methylation Plasticity of Human Adipose-Derived Stem Cells in Lineage Commitment. <i>American Journal of Pathology</i> , 2012, 181, 2079-2093.	1.9	36
21	Quantification of Global DNA Methylation by Capillary Electrophoresis and Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2009, 507, 23-34.	0.4	34
22	Effect of genetic ancestry on leukocyte global DNA methylation in cancer patients. <i>BMC Cancer</i> , 2015, 15, 434.	1.1	28
23	Methylation regulation of Antiviral host factors, Interferon Stimulated Genes (ISGs) and T-cell responses associated with natural HIV control. <i>PLoS Pathogens</i> , 2020, 16, e1008678.	2.1	25
24	Towards a druggable epitranscriptome: Compounds that target RNA modifications in cancer. <i>British Journal of Pharmacology</i> , 2022, 179, 2868-2889.	2.7	19
25	<i>In vitro</i> and <i>in vivo</i> activity of a new small-molecule inhibitor of HDAC6 in mantle cell lymphoma. <i>Haematologica</i> , 2018, 103, e537-e540.	1.7	15
26	DNA methylation events in transcription factors and gene expression changes in colon cancer. <i>Epigenomics</i> , 2020, 12, 1593-1610.	1.0	13
27	Discovery of novel DNA methylation biomarkers for non-invasive sporadic breast cancer detection in the Latino population. <i>Molecular Oncology</i> , 2021, 15, 473-486.	2.1	8
28	Epigenetic landscape in the kick-and-kill therapeutic vaccine BCN02 clinical trial is associated with antiretroviral treatment interruption (ATI) outcome. <i>EBioMedicine</i> , 2022, 78, 103956.	2.7	5
29	Follow-Up Study Confirms the Presence of Gastric Cancer DNA Methylation Hallmarks in High-Risk Precursor Lesions. <i>Cancers</i> , 2021, 13, 2760.	1.7	4
30	Impact of the Epigenetically Regulated Hoxa-5 Gene in Neural Differentiation from Human Adipose-Derived Stem Cells. <i>Biology</i> , 2021, 10, 802.	1.3	2
31	The human epigenome—implications for the understanding of human disease. , 2020, , 139-148.		0