Maria Berdasco

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5626070/publications.pdf

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31 papers	3,731 citations	304743 22 h-index	454955 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. Genome Research, 2010, 20, 170-179.	5.5	569
2	Aberrant Epigenetic Landscape in Cancer: How Cellular Identity Goes Awry. Developmental Cell, 2010, 19, 698-711.	7.0	529
3	Clinical epigenetics: seizing opportunities for translation. Nature Reviews Genetics, 2019, 20, 109-127.	16.3	353
4	A DNA methylation fingerprint of 1628 human samples. Genome Research, 2012, 22, 407-419.	5.5	341
5	The timeline of epigenetic drug discovery: from reality to dreams. Clinical Epigenetics, 2019, 11, 174.	4.1	275
6	Quantitative comparison of DNA methylation assays for biomarker development and clinical applications. Nature Biotechnology, 2016, 34, 726-737.	17.5	270
7	Epigenetic inactivation of the Sotos overgrowth syndrome gene histone methyltransferase NSD1 in human neuroblastoma and glioma. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21830-21835.	7.1	190
8	Temozolomide Resistance in Glioblastoma Cell Lines: Implication of MGMT, MMR, P-Glycoprotein and CD133 Expression. PLoS ONE, 2015, 10, e0140131.	2.5	144
9	Genetic syndromes caused by mutations in epigenetic genes. Human Genetics, 2013, 132, 359-383.	3.8	141
10	Interplay between long non-coding RNAs and epigenetic machinery: emerging targets in cancer?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170074.	4.0	112
11	Epigenetic mechanisms during ageing and neurogenesis as novel therapeutic avenues in human brain disorders. Clinical Epigenetics, 2017, 9, 67.	4.1	108
12	DNA methylation in stem cell renewal and multipotency. Stem Cell Research and Therapy, 2011, 2, 42.	5.5	85
13	Hot topics in epigenetic mechanisms of aging: 2011. Aging Cell, 2012, 11, 181-186.	6.7	80
14	A Comprehensive DNA Methylation Profile of Epithelial-to-Mesenchymal Transition. Cancer Research, 2014, 74, 5608-5619.	0.9	69
15	S-adenosylmethionine Levels Regulate the Schwann Cell DNA Methylome. Neuron, 2014, 81, 1024-1039.	8.1	67
16	Regulation of DNA Methylation Patterns by CK2-Mediated Phosphorylation of Dnmt3a. Cell Reports, 2014, 8, 743-753.	6.4	66
17	Ethical implications of epigenetics in the era of personalized medicine. Clinical Epigenetics, 2022, 14, 44.	4.1	61
18	DNA Methylomes Reveal Biological Networks Involved in Human Eye Development, Functions and Associated Disorders. Scientific Reports, 2017, 7, 11762.	3.3	44

#	Article	IF	Citations
19	Towards a more precise therapy in cancer: Exploring epigenetic complexity. Current Opinion in Chemical Biology, 2020, 57, 41-49.	6.1	38
20	DNA Methylation Plasticity of Human Adipose-Derived Stem Cells in Lineage Commitment. American Journal of Pathology, 2012, 181, 2079-2093.	3.8	36
21	Quantification of Global DNA Methylation by Capillary Electrophoresis and Mass Spectrometry. Methods in Molecular Biology, 2009, 507, 23-34.	0.9	34
22	Effect of genetic ancestry on leukocyte global DNA methylation in cancer patients. BMC Cancer, 2015, 15, 434.	2.6	28
23	Methylation regulation of Antiviral host factors, Interferon Stimulated Genes (ISGs) and T-cell responses associated with natural HIV control. PLoS Pathogens, 2020, 16, e1008678.	4.7	25
24	Towards a druggable epitranscriptome: Compounds that target RNA modifications in cancer. British Journal of Pharmacology, 2022, 179, 2868-2889.	5.4	19
25	In vitro and in vivo activity of a new small-molecule inhibitor of HDAC6 in mantle cell lymphoma. Haematologica, 2018, 103, e537-e540.	3.5	15
26	DNA methylation events in transcription factors and gene expression changes in colon cancer. Epigenomics, 2020, 12, 1593-1610.	2.1	13
27	Discovery of novel DNA methylation biomarkers for nonâ€invasive sporadic breast cancer detection in the Latino population. Molecular Oncology, 2021, 15, 473-486.	4.6	8
28	Epigenetic landscape in the kick-and-kill therapeutic vaccine BCN02 clinical trial is associated with antiretroviral treatment interruption (ATI) outcome. EBioMedicine, 2022, 78, 103956.	6.1	5
29	Follow-Up Study Confirms the Presence of Gastric Cancer DNA Methylation Hallmarks in High-Risk Precursor Lesions. Cancers, 2021, 13, 2760.	3.7	4
30	Impact of the Epigenetically Regulated Hoxa-5 Gene in Neural Differentiation from Human Adipose-Derived Stem Cells. Biology, 2021, 10, 802.	2.8	2
31	The human epigenomeâ€"implications for the understanding of human disease. , 2020, , 139-148.		0