

Diane J Lees-Murdock

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,077
citations

516710

16
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing of establishment of paternal methylation imprints in the mouse. <i>Genomics</i> , 2004, 84, 952-960.	2.9	246
2	Methylation dynamics of repetitive DNA elements in the mouse germ cell lineage. <i>Genomics</i> , 2003, 82, 230-237.	2.9	142
3	DNA methylation reprogramming in the germ line. <i>Epigenetics</i> , 2008, 3, 5-13.	2.7	92
4	Gene-specific DNA methylation in newborns in response to folic acid supplementation during the second and third trimesters of pregnancy: epigenetic analysis from a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 566-575.	4.7	78
5	DNA methyltransferase expression in the mouse germ line during periods of de novo methylation. <i>Developmental Dynamics</i> , 2005, 232, 992-1002.	1.8	72
6	The interplay between DNA methylation, folate and neurocognitive development. <i>Epigenomics</i> , 2016, 8, 863-879.	2.1	64
7	Effect of continued folic acid supplementation beyond the first trimester of pregnancy on cognitive performance in the child: a follow-up study from a randomized controlled trial (FASSTT Offspring) <i>Tj ETQq1 1 0.784314 rgBT 40</i> <i>Overlook</i>	4.3	40
8	DNA damage and cytotoxicity in pancreatic β -cells expressing human CYP2E1. <i>Biochemical Pharmacology</i> , 2004, 68, 523-530.	4.4	36
9	A randomized controlled trial of folic acid intervention in pregnancy highlights a putative methylation-regulated control element at ZFP57. <i>Clinical Epigenetics</i> , 2019, 11, 31.	4.1	36
10	DNA Methylation Reprogramming in the Germ Line. <i>Advances in Experimental Medicine and Biology</i> , 2008, 626, 1-15.	1.6	35
11	Effects of maternal folic acid supplementation during the second and third trimesters of pregnancy on neurocognitive development in the child: an 11-year follow-up from a randomised controlled trial. <i>BMC Medicine</i> , 2021, 19, 73.	5.5	29
12	DNA methyltransferase loading, but not de novo methylation, is an oocyte-autonomous process stimulated by SCF signalling. <i>Developmental Biology</i> , 2008, 321, 238-250.	2.0	27
13	Influence of nutrients involved in one-carbon metabolism on DNA methylation in adults—a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2020, 78, 647-666.	5.8	24
14	Efficient Translation of Dnmt1 Requires Cytoplasmic Polyadenylation and Musashi Binding Elements. <i>PLoS ONE</i> , 2014, 9, e88385.	2.5	23
15	Identification of 11 pseudogenes in the DNA methyltransferase gene family in rodents and humans and implications for the functional loci. <i>Genomics</i> , 2004, 84, 193-204.	2.9	22
16	Nutritional Epigenomics and Age-Related Disease. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa097.	0.3	21
17	DNA methylation plays an important role in promoter choice and protein production at the mouse Dnmt3L locus. <i>Developmental Biology</i> , 2011, 356, 411-420.	2.0	17
18	Folic acid intervention during pregnancy alters DNA methylation, affecting neural target genes through two distinct mechanisms. <i>Clinical Epigenetics</i> , 2022, 14, 63.	4.1	17

#	ARTICLE	IF	CITATIONS
19	Riboflavin supplementation alters global and gene-specific DNA methylation in adults with the MTHFR 677ATT genotype. <i>Biochimie</i> , 2020, 173, 17-26.	2.6	14
20	DNA methylation of hypertension-related genes and effect of riboflavin supplementation in adults stratified by genotype for the MTHFR C677T polymorphism. <i>International Journal of Cardiology</i> , 2021, 322, 233-239.	1.7	14
21	Folic Acid Supplementation throughout pregnancy: psychological developmental benefits for children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1370-1378.	1.5	13
22	Role of CYP2E1 in ketone-stimulated insulin release in pancreatic B-cells. <i>Biochemical Pharmacology</i> , 2004, 67, 875-884.	4.4	7
23	Evaluation of site-specific methylation of the CMV promoter and its role in CHO cell productivity of a recombinant monoclonal antibody. <i>Antibody Therapeutics</i> , 2022, 5, 121-129.	1.9	2
24	Developmental regulation of DNA methyltransferases. , 2006, , .		1
25	Effect of folic acid supplementation during pregnancy on brain health of the child at 11 years: the FASSTT Offspring trial. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	0