Jessica Momb

List of Publications by Year
in descending order

14	665	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	1072
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deletion of Mthfd1l causes embryonic lethality and neural tube and craniofacial defects in mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 549-554.	7.1	149
2	Mechanism of the Quorum-Quenching Lactonase (AiiA) from Bacillus thuringiensis. 1. Product-Bound Structures. Biochemistry, 2008, 47, 7706-7714.	2.5	92
3	Mechanism of the Quorum-Quenching Lactonase (AiiA) from Bacillus thuringiensis. 2. Substrate Modeling and Active Site Mutations. Biochemistry, 2008, 47, 7715-7725.	2.5	87
4	Mitochondrial One-Carbon Pathway Supports Cytosolic Folate Integrity in Cancer Cells. Cell, 2018, 175, 1546-1560.e17.	28.9	84
5	Human mitochondrial MTHFD2 is a dual redox cofactor-specific methylenetetrahydrofolate dehydrogenase/methenyltetrahydrofolate cyclohydrolase. Cancer & Metabolism, 2017, 5, 11.	5.0	56
6	Mammalian MTHFD2L Encodes a Mitochondrial Methylenetetrahydrofolate Dehydrogenase Isozyme Expressed in Adult Tissues. Journal of Biological Chemistry, 2011, 286, 5166-5174.	3.4	51
7	Mitochondrial MTHFD2L Is a Dual Redox Cofactor-specific Methylenetetrahydrofolate Dehydrogenase/Methenyltetrahydrofolate Cyclohydrolase Expressed in Both Adult and Embryonic Tissues. Journal of Biological Chemistry, 2014, 289, 15507-15517.	3.4	44
8	The Quorum-Quenching Metallo-Î³-lactonase fromBacillus thuringiensisExhibits a Leaving Group Thio Effectâ€. Biochemistry, 2006, 45, 13385-13393.	2.5	30
9	A Phenylalanine Clamp Controls Substrate Specificity in the Quorum-Quenching Metallo-Î³-lactonase from Bacillus thuringiensis. Biochemistry, 2013, 52, 1603-1610.	2.5	30
10	Deletion of the neural tube defectâ€“associated gene disrupts one-carbon and central energy metabolism in mouse embryos. Journal of Biological Chemistry, 2018, 293, 5821-5833.	3.4	21
11	Mitochondrial oneâ€carbon metabolism and neural tube defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 576-583.	1.6	8
12	Enzymic Disruption of Nâ€Aroylâ€<scp>L</scp>â€homoserine Lactoneâ€Based Quorum Sensing. ChemBioChem, 2010, 11, 1535-1537.	2.6	7
13	Deletion of neural tube defectâ€associated gene Mthfd1l causes reduced cranial mesenchyme density. Birth Defects Research, 2019, 111, 1520-1534.	1.5	6
14	Inside Cover: Enzymic Disruption of N-Aroyl-L-homoserine Lactone-Based Quorum Sensing (ChemBioChem 11/2010). ChemBioChem, 2010, 11, 1474-1474.	2.6	0