

# Jessica Momb

## List of Publications by Year in descending order

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14  
papers

665  
citations

933447

10  
h-index

1125743

13  
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14  
docs citations

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times ranked

1072  
citing authors

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