

# Samantha J Mentch

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7  
papers

1,097  
citations

7  
h-index

8  
g-index

8  
ext. papers

1,458  
ext. citations

19.3  
avg, IF

4.37  
L-index

#	Paper	IF	Citations
7	Histone Methylation Dynamics and Gene Regulation Occur through the Sensing of One-Carbon Metabolism. <i>Cell Metabolism</i> , <b>2015</b> , 22, 861-73	24.6	329
6	Epigenomic reprogramming during pancreatic cancer progression links anabolic glucose metabolism to distant metastasis. <i>Nature Genetics</i> , <b>2017</b> , 49, 367-376	36.3	250
5	Dietary methionine influences therapy in mouse cancer models and alters human metabolism. <i>Nature</i> , <b>2019</b> , 572, 397-401	50.4	227
4	One-carbon metabolism and epigenetics: understanding the specificity. <i>Annals of the New York Academy of Sciences</i> , <b>2016</b> , 1363, 91-8	6.5	177
3	Methionine metabolism influences genomic architecture and gene expression through H3K4me3 peak width. <i>Nature Communications</i> , <b>2018</b> , 9, 1955	17.4	60
2	Short term methionine restriction increases hepatic global DNA methylation in adult but not young male C57BL/6J mice. <i>Experimental Gerontology</i> , <b>2017</b> , 88, 1-8	4.5	34
1	A strategy for sensitive, large scale quantitative metabolomics. <i>Journal of Visualized Experiments</i> , <b>2014</b> ,	1.6	20