

Katherine R Mattaini

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.

12
papers

3,060
citations

11
h-index

14
g-index

14
ext. papers

3,556
ext. citations

15.4
avg, IF

4.43
L-index

#	Paper	IF	Citations
12	Reductive glutamine metabolism by IDH1 mediates lipogenesis under hypoxia. <i>Nature</i> , 2011 , 481, 380-4	50.4	1165
11	Phosphoglycerate dehydrogenase diverts glycolytic flux and contributes to oncogenesis. <i>Nature Genetics</i> , 2011 , 43, 869-74	36.3	788
10	Pyruvate kinase M2 activators promote tetramer formation and suppress tumorigenesis. <i>Nature Chemical Biology</i> , 2012 , 8, 839-47	11.7	476
9	The importance of serine metabolism in cancer. <i>Journal of Cell Biology</i> , 2016 , 214, 249-57	7.3	203
8	Human phosphoglycerate dehydrogenase produces the oncometabolite D-2-hydroxyglutarate. <i>ACS Chemical Biology</i> , 2015 , 10, 510-6	4.9	120
7	Increased Serine Synthesis Provides an Advantage for Tumors Arising in Tissues Where Serine Levels Are Limiting. <i>Cell Metabolism</i> , 2019 , 29, 1410-1421.e4	24.6	102
6	PHGDH amplification and altered glucose metabolism in human melanoma. <i>Pigment Cell and Melanoma Research</i> , 2011 , 24, 1112-5	4.5	94
5	BRD4 short isoform interacts with RRP1B, SIPA1 and components of the LINC complex at the inner face of the nuclear membrane. <i>PLoS ONE</i> , 2013 , 8, e80746	3.7	39
4	An epitope tag alters phosphoglycerate dehydrogenase structure and impairs ability to support cell proliferation. <i>Cancer & Metabolism</i> , 2015 , 3, 5	5.4	26
3	The metastasis efficiency modifier ribosomal RNA processing 1 homolog B (RRP1B) is a chromatin-associated factor. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28660-73	5.4	25
2	Cancer. Glycosylation to adapt to stress. <i>Science</i> , 2012 , 337, 925-6	33.3	7
1	Increased PHGDH expression promotes aberrant melanin accumulation. <i>BMC Cancer</i> , 2019 , 19, 723	4.8	4