

# Katherine R Mattaini

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11332873/katherine-r-mattaini-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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