

# Michael B Mathews

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8177562/publications.pdf>

Version: 2024-02-01

20  
papers

1,547  
citations

687363

13  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2529  
citing authors

#	ARTICLE	IF	CITATIONS
1	Principles of Translational Control: An Overview. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011528-a011528.	5.5	310
2	Expanded CUG repeat RNAs form hairpins that activate the double-stranded RNA-dependent protein kinase PKR. Rna, 2000, 6, 79-87.	3.5	225
3	Translation deregulation in human disease. Nature Reviews Molecular Cell Biology, 2018, 19, 791-807.	37.0	161
4	The translation factor eIF5A and human cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 836-844.	1.9	137
5	Translational Control in Virus-Infected Cells. Cold Spring Harbor Perspectives in Biology, 2019, 11, a033001.	5.5	128
6	Principles of Translational Control. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032607.	5.5	125
7	Human breast cancer cells contain elevated levels and activity of the protein kinase, PKR. Oncogene, 2000, 19, 3086-3094.	5.9	96
8	Inhibition of HIV-1 gene expression by Ciclopirox and Deferiprone, drugs that prevent hypusination of eukaryotic initiation factor 5A. Retrovirology, 2009, 6, 90.	2.0	93
9	Blocking eIF5A Modification in Cervical Cancer Cells Alters the Expression of Cancer-Related Genes and Suppresses Cell Proliferation. Cancer Research, 2014, 74, 552-562.	0.9	80
10	A guide to naming human non-coding RNA genes. EMBO Journal, 2020, 39, e103777.	7.8	77
11	Drug-Induced Reactivation of Apoptosis Abrogates HIV-1 Infection. PLoS ONE, 2013, 8, e74414.	2.5	37
12	Drug-Based Lead Discovery: The Novel Ablative Antiretroviral Profile of Deferiprone in HIV-1-Infected Cells and in HIV-Infected Treatment-Naive Subjects of a Double-Blind, Placebo-Controlled, Randomized Exploratory Trial. PLoS ONE, 2016, 11, e0154842.	2.5	27
13	Regulation of gene expression by translation factor eIF5A: Hypusine-modified eIF5A enhances nonsense-mediated mRNA decay in human cells. Translation, 2017, 5, e1366294.	2.9	14
14	Protein Synthesis and Translational Control: A Historical Perspective. Cold Spring Harbor Perspectives in Biology, 2019, 11, a035584.	5.5	14
15	Lost in translation. Trends in Biochemical Sciences, 2002, 27, 267-269.	7.5	11
16	The Central Dogma revisited: Insights from protein synthesis, CRISPR, and beyond. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1718.	6.4	10
17	Effects of heterologous downstream sequences on the activity of the HIV-1 promoter and its response to Tat. Nucleic Acids Research, 1997, 25, 5017-5024.	14.5	1
18	NF90 binds novel human non-coding RNAs. FASEB Journal, 2008, 22, 995.1.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The 3'UTR of HIC mRNA activates transcription via P-TEFb. FASEB Journal, 2006, 20, A540.	0.5	0
20	NF90/NF45 complexes regulate cell division. FASEB Journal, 2008, 22, 629.4.	0.5	0