

Michael B Mathews

List of Publications by Year in descending order

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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	The Central Dogma revisited: Insights from protein synthesis, CRISPR, and beyond. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1718.	6.4	10
2	A guide to naming human non-coding RNA genes. EMBO Journal, 2020, 39, e103777.	7.8	77
3	Translational Control in Virus-Infected Cells. Cold Spring Harbor Perspectives in Biology, 2019, 11, a033001.	5.5	128
4	Protein Synthesis and Translational Control: A Historical Perspective. Cold Spring Harbor Perspectives in Biology, 2019, 11, a035584.	5.5	14
5	Principles of Translational Control. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032607.	5.5	125
6	Translation deregulation in human disease. Nature Reviews Molecular Cell Biology, 2018, 19, 791-807.	37.0	161
7	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
8	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
9	The translation factor eIF5A and human cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 836-844.	1.9	137
10	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
11	Drug-Induced Reactivation of Apoptosis Abrogates HIV-1 Infection. PLoS ONE, 2013, 8, e74414.	2.5	37
12	Principles of Translational Control: An Overview. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011528-a011528.	5.5	310
13	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
14	NF90 binds novel human non-coding RNAs. FASEB Journal, 2008, 22, 995.1.	0.5	1
15	NF90/NF45 complexes regulate cell division. FASEB Journal, 2008, 22, 629.4.	0.5	0
16	The 3'UTR of HIC mRNA activates transcription via P-TEFb. FASEB Journal, 2006, 20, A540.	0.5	0
17	Lost in translation. Trends in Biochemical Sciences, 2002, 27, 267-269.	7.5	11
18	Human breast cancer cells contain elevated levels and activity of the protein kinase, PKR. Oncogene, 2000, 19, 3086-3094.	5.9	96

#	ARTICLE	IF	CITATIONS
19	Expanded CUG repeat RNAs form hairpins that activate the double-stranded RNA-dependent protein kinase PKR. <i>Rna</i> , 2000, 6, 79-87.	3.5	225
20	Effects of heterologous downstream sequences on the activity of the HIV- 1 promoter and its response to Tat. <i>Nucleic Acids Research</i> , 1997, 25, 5017-5024.	14.5	1