

Tomáš Mašek

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

762
citations

687363

13
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1251
citing authors

#	ARTICLE	IF	CITATIONS
1	Denaturing RNA electrophoresis in TAE agarose gels. <i>Analytical Biochemistry</i> , 2005, 336, 46-50.	2.4	164
2	IRESite—a tool for the examination of viral and cellular internal ribosome entry sites. <i>Nucleic Acids Research</i> , 2010, 38, D131-D136.	14.5	137
3	IRESite: the database of experimentally verified IRES structures (www.iresite.org). <i>Nucleic Acids Research</i> , 2006, 34, D125-D130.	14.5	76
4	Polysome Analysis and RNA Purification from Sucrose Gradients. <i>Methods in Molecular Biology</i> , 2011, 703, 293-309.	0.9	69
5	Rck2 Is Required for Reprogramming of Ribosomes during Oxidative Stress. <i>Molecular Biology of the Cell</i> , 2006, 17, 1472-1482.	2.1	43
6	Distinct recruitment of human eIF4E isoforms to processing bodies and stress granules. <i>BMC Molecular Biology</i> , 2016, 17, 21.	3.0	37
7	p38-MAPK-mediated translation regulation during early blastocyst development is required for primitive endoderm differentiation in mice. <i>Communications Biology</i> , 2021, 4, 788.	4.4	28
8	Firefly luciferase gene contains a cryptic promoter. <i>Rna</i> , 2008, 14, 1720-1729.	3.5	25
9	Carbohydrates and gibberellins relationship in potato tuberization. <i>Journal of Plant Physiology</i> , 2017, 214, 53-63.	3.5	24
10	N-Terminal Domain of Nuclear IL-1 β Shows Structural Similarity to the C-Terminal Domain of Snf1 and Binds to the HAT/Core Module of the SAGA Complex. <i>PLoS ONE</i> , 2012, 7, e41801.	2.5	23
11	Identifying the Translatome of Mouse NEBD-Stage Oocytes via SSP-Profiling; A Novel Polysome Fractionation Method. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1254.	4.1	21
12	Expression of the fission yeast cell cycle regulator <i>cdc25</i> induces de novo shoot formation in tobacco: evidence of a cytokinin-like effect by this mitotic activator. <i>Plant Physiology and Biochemistry</i> , 2004, 42, 49-55.	5.8	16
13	Increased Expression of Maturation Promoting Factor Components Speeds Up Meiosis in Oocytes from Aged Females. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2841.	4.1	14
14	Hepatitis C virus internal ribosome entry site initiates protein synthesis at the authentic initiation codon in yeast. <i>Journal of General Virology</i> , 2007, 88, 1992-2002.	2.9	12
15	Age-related differences in the translational landscape of mammalian oocytes. <i>Aging Cell</i> , 2020, 19, e13231.	6.7	12
16	Changing faces of stress: Impact of heat and arsenite treatment on the composition of stress granules. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1596.	6.4	12
17	Ambiguous decoding of the CUG codon alters the functionality of the <i>Candida albicans</i> translation initiation factor 4E. <i>FEMS Yeast Research</i> , 2010, 10, no-no.	2.3	11
18	Characterization of Hepatitis C Virus IRES Quasispecies “ From the Individual to the Pool. <i>Frontiers in Microbiology</i> , 2018, 9, 731.	3.5	8

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19	Isolation of a <i>Brassica napus</i> L. cDNA encoding a putative high-mobility-group HMG I/Y protein. <i>Plant Science</i> , 2000, 159, 197-204.	3.6	7
20	Messenger RNAs of Yeast Virus-Like Elements Contain Non-templated 5' Poly(A) Leaders, and Their Expression Is Independent of eIF4E and Pab1. <i>Frontiers in Microbiology</i> , 2019, 10, 2366.	3.5	6
21	Major splice variants and multiple polyadenylation site utilization in mRNAs encoding human translation initiation factors eIF4E1 and eIF4E3 regulate the translational regulators?. <i>Molecular Genetics and Genomics</i> , 2018, 293, 167-186.	2.1	5
22	SGK1 is essential for meiotic resumption in mammalian oocytes. <i>European Journal of Cell Biology</i> , 2022, 101, 151210.	3.6	5
23	The <i>Luc2</i> gene enhances reliability of bicistronic assays. <i>Open Life Sciences</i> , 2013, 8, 423-431.	1.4	4