TomÃ¡Å¡ MaÅ¡ek

List of Publications by Year
in descending order

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	SGK1 is essential for meiotic resumption in mammalian oocytes. European Journal of Cell Biology, 2022, 101, 151210.	3.6	5
2	p38-MAPK-mediated translation regulation during early blastocyst development is required for primitive endoderm differentiation in mice. Communications Biology, 2021, 4, 788.	4.4	28
3	Ageâ€related differences in the translational landscape of mammalian oocytes. Aging Cell, 2020, 19, e13231.	6.7	12
4	Changing faces of stress: Impact of heat and arsenite treatment on the composition of stress granules. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1596.	6.4	12
5	Identifying the Translatome of Mouse NEBD-Stage Oocytes via SSP-Profiling; A Novel Polysome Fractionation Method. International Journal of Molecular Sciences, 2020, 21, 1254.	4.1	21
6	Messenger RNAs of Yeast Virus-Like Elements Contain Non-templated 5â€² Poly(A) Leaders, and Their Expression Is Independent of eIF4E and Pab1. Frontiers in Microbiology, 2019, 10, 2366.	3.5	6
7	Major splice variants and multiple polyadenylation site utilization in mRNAs encoding human translation initiation factors eIF4E1 and eIF4E3 regulate the translational regulators?. Molecular Genetics and Genomics, 2018, 293, 167-186.	2.1	5
8	Increased Expression of Maturation Promoting Factor Components Speeds Up Meiosis in Oocytes from Aged Females. International Journal of Molecular Sciences, 2018, 19, 2841.	4.1	14
9	Characterization of Hepatitis C Virus IRES Quasispecies â€“ From the Individual to the Pool. Frontiers in Microbiology, 2018, 9, 731.	3.5	8
10	Carbohydrates and gibberellins relationship in potato tuberization. Journal of Plant Physiology, 2017, 214, 53-63.	3.5	24
11	Distinct recruitment of human eIF4E isoforms to processing bodies and stress granules. BMC Molecular Biology, 2016, 17, 21.	3.0	37
12	The Luc2 gene enhances reliability of bicistronic assays. Open Life Sciences, 2013, 8, 423-431.	1.4	4
13	N-Terminal Domain of Nuclear IL-1Î± Shows Structural Similarity to the C-Terminal Domain of Snf1 and Binds to the HAT/Core Module of the SAGA Complex. PLoS ONE, 2012, 7, e41801.	2.5	23
14	Polysome Analysis and RNA Purification from Sucrose Gradients. Methods in Molecular Biology, 2011, 703, 293-309.	0.9	69
15	Ambiguous decoding of the CUG codon alters the functionality of the Candida albicans translation initiation factor 4E. FEMS Yeast Research, 2010, 10, no-no.	2.3	11
16	IRESiteâ€”a tool for the examination of viral and cellular internal ribosome entry sites. Nucleic Acids Research, 2010, 38, D131-D136.	14.5	137
17	Firefly luciferase gene contains a cryptic promoter. Rna, 2008, 14, 1720-1729.	3.5	25
18	Hepatitis C virus internal ribosome entry site initiates protein synthesis at the authentic initiation codon in yeast. Journal of General Virology, 2007, 88, 1992-2002.	2.9	12

#	Article	IF	Citations
19	Rck2 Is Required for Reprogramming of Ribosomes during Oxidative Stress. Molecular Biology of the Cell, 2006, 17, 1472-1482.	2.1	43
20	IRESite: the database of experimentally verified IRES structures (www.iresite.org). Nucleic Acids Research, 2006, 34, D125-D130.	14.5	76
21	Denaturing RNA electrophoresis in TAE agarose gels. Analytical Biochemistry, 2005, 336, 46-50.	2.4	164
22	Expression of the fission yeast cell cycle regulator cdc25 induces de novo shoot formation in tobacco: evidence of a cytokinin-like effect by this mitotic activator. Plant Physiology and Biochemistry, 2004, 42, 49-55.	5.8	16
23	Isolation of a Brassica napus L. cDNA encoding a putative high-mobility-group HMG I/Y protein. Plant Science, 2000, 159, 197-204.	3.6	7