Mikhail Schepetilnikov

List of Publications by Year
in descending order

15	1,283	759055 12	1058333 14
papers	citations	h-index	g-index

17	17	17	3556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation of the antiviral component ARGONAUTE1 by the autophagy pathway. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15942-15946.	3.3	251
2	TOR and S6K1 promote translation reinitiation of uORF-containing mRNAs via phosphorylation of eIF3h. EMBO Journal, 2013, 32, 1087-1102.	3.5	235
3	<scp>GTP</scp> ase <scp>ROP</scp> 2 binds and promotes activation of target of rapamycin, <scp>TOR</scp> , in response to auxin. EMBO Journal, 2017, 36, 886-903.	3.5	157
4	Massive production of small RNAs from a non-coding region of Cauliflower mosaic virus in plant defense and viral counter-defense. Nucleic Acids Research, 2011, 39, 5003-5014.	6.5	144
5	The Arabidopsis TOR Kinase Specifically Regulates the Expression of Nuclear Genes Coding for Plastidic Ribosomal Proteins and the Phosphorylation of the Cytosolic Ribosomal Protein S6. Frontiers in Plant Science, 2016, 7, 1611.	1.7	113
6	Viral factor TAV recruits TOR/S6K1 signalling to activate reinitiation after long ORF translation. EMBO Journal, 2011, 30, 1343-1356.	3.5	109
7	Recent Discoveries on the Role of TOR (Target of Rapamycin) Signaling in Translation in Plants. Plant Physiology, 2018, 176, 1095-1105.	2.3	89
8	Auxin Signaling in Regulation of Plant Translation Reinitiation. Frontiers in Plant Science, 2017, 8, 1014.	1.7	60
9	A new plant protein interacts with eIF3 and 60S to enhance virus-activated translation re-initiation. EMBO Journal, 2009, 28, 3171-3184.	3.5	59
10	Molecular dissection of the prototype foamy virus (PFV) RNA 5â€²-UTR identifies essential elements of a ribosomal shunt. Nucleic Acids Research, 2009, 37, 5838-5847.	6.5	18
11	The Arabidopsis F-box protein FBW2 targets AGO1 for degradation to prevent spurious loading of illegitimate small RNA. Cell Reports, 2022, 39, 110671.	2.9	16
12	Phosphorylation of a reinitiation supporting protein, RISP, determines its function in translation reinitiation. Nucleic Acids Research, 2021, 49, 6908-6924.	6.5	14
13	Enhanced translation of the downstream ORF attributed to a long 5^|^#8242; untranslated region in the OsMac1 gene family members, OsMac2 and OsMac3. Plant Biotechnology, 2014, 31, 221-228.	0.5	12
14	Dissection of a rice OsMac1 mRNA 5â€™ UTR to uncover regulatory elements that are responsible for its efficient translation. PLoS ONE, 2021, 16, e0253488.	1.1	4
15	Cauliflower mosaic virus (CaMV) upregulates translation reinitiation of its pregenomic polycistronic 35S RNA via interaction with the cellâ€™s translation machinery. , 2014, , 325-343.		0