Tzvetanka D Dinkova

List of Publications by Year
in descending order

45 papers	872 citations	471509 17 h-index	526287 27 g-index
46 all docs	46 docs citations	46 times ranked	1093 citing authors

#	Article	IF	Citations
1	Translation of a Small Subset of Caenorhabditis elegans mRNAs Is Dependent on a Specific Eukaryotic Translation Initiation Factor 4E Isoform. Molecular and Cellular Biology, 2005, 25, 100-113.	2.3	88
2	Maize miRNA and target regulation in response to hormone depletion and light exposure during somatic embryogenesis. Frontiers in Plant Science, 2015, 6, 555.	3.6	69
3	Antagonism or synergism between papaya ringspot virus and papaya mosaic virus in Carica papaya is determined by their order of infection. Virology, 2016, 489, 179-191.	2.4	57
4	Cap-independent translation of maize Hsp101. Plant Journal, 2005, 41, 722-731.	5.7	54
5	Auxin stimulates S6 ribosomal protein phosphorylation in maize thereby affecting protein synthesis regulation. Physiologia Plantarum, 2002, 115, 291-297.	5.2	45
6	The Absence of Eukaryotic Initiation Factor eIF(iso)4E Affects the Systemic Spread of a Tobacco etch virus Isolate in Arabidopsis thaliana. Molecular Plant-Microbe Interactions, 2013, 26, 461-470.	2.6	42
7	Translation Initiation Factor AteIF(iso)4E Is Involved in Selective mRNA Translation in Arabidopsis Thaliana Seedlings. PLoS ONE, 2012, 7, e31606.	2.5	38
8	Somaclonal variation as a source of resistance to eyespot disease of sugarcane. Plant Breeding, 1996, 115, 37-42.	1.9	34
9	Tight translational control by the initiation factors eIF4E and eIF(iso)4E is required for maize seed germination. Seed Science Research, 2011, 21, 85-93.	1.7	30
10	Dissecting the TOR?S6K signal transduction pathway in maize seedlings: relevance on cell growth regulation. Physiologia Plantarum, 2007, 130, 1-10.	5.2	29
11	Quantification of Reducing Sugars Based on the Qualitative Technique of Benedict. ACS Omega, 2020, 5, 32403-32410.	3.5	28
12	TOR senses and regulates spermidine metabolism during seedling establishment and growth in maize and Arabidopsis. IScience, 2021, 24, 103260.	4.1	23
13	Small RNA differential expression and regulation in TuxpeÃ±o maize embryogenic callus induction and establishment. Plant Physiology and Biochemistry, 2018, 122, 78-89.	5.8	22
14	The explant developmental stage profoundly impacts small RNA-mediated regulation at the dedifferentiation step of maize somatic embryogenesis. Scientific Reports, 2019, 9, 14511.	3.3	22
15	LIN-35/Rb Causes Starvation-Induced Germ Cell Apoptosis via CED-9/Bcl2 Downregulation in <i>Caenorhabditis elegans</i>. Molecular and Cellular Biology, 2014, 34, 2499-2516.	2.3	21
16	S6 ribosomal protein phosphorylation and translation of stored mRNA in maize. Biochimie, 1997, 79, 187-194.	2.6	20
17	Expression of maize eukaryotic initiation factor (eIF) iso4E is regulated at the translational level. Biochemical Journal, 2000, 351, 825-831.	3.7	20
18	Comparative Transcriptome Analysis of the Cosmopolitan Marine Fungus <i>Corollospora maritima</i> Under Two Physiological Conditions. G3: Genes, Genomes, Genetics, 2015, 5, 1805-1814.	1.8	19

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19	Development-Related miRNA Expression and Target Regulation during Staggered In Vitro Plant Regeneration of TuxpeÃ±o VS-535 Maize Cultivar. International Journal of Molecular Sciences, 2019, 20, 2079.	4.1	19
20	Time to Wake Up: Epigenetic and Small-RNA-Mediated Regulation during Seed Germination. Plants, 2021, 10, 236.	3.5	19
21	High-Throughput Profiling of Caenorhabditis elegans Starvation-Responsive microRNAs. PLoS ONE, 2015, 10, e0142262.	2.5	16
22	Application of machine learning and visualization of heterogeneous datasets to uncover relationships between translation and developmental stage expression ofC. elegansmRNAs. Physiological Genomics, 2005, 21, 264-273.	2.3	14
23	Glucose modulates proliferation in root apical meristems via TOR in maize during germination. Plant Physiology and Biochemistry, 2020, 155, 126-135.	5.8	13
24	Regulation of ribosome biogenesis in maize embryonic axes during germination. Biochimie, 2013, 95, 1871-1879.	2.6	12
25	Approaches for Analyzing the Differential Activities and Functions of eIF4E Family Members. Methods in Enzymology, 2007, 429, 261-297.	1.0	11
26	Differential expression and regulation of translation initiation factors -4E and -iso4E during maize germination. Physiologia Plantarum, 1999, 107, 419-425.	5.2	10
27	The Absence of Heat Shock Protein HSP101 Affects the Proteome of Mature and Germinating Maize Embryos. Journal of Proteome Research, 2012, 11, 3246-3258.	3.7	10
28	MicroRNA Expression and Regulation During Maize Somatic Embryogenesis. Methods in Molecular Biology, 2018, 1815, 397-410.	0.9	10
29	MicroRNA Zma-miR528 Versatile Regulation on Target mRNAs during Maize Somatic Embryogenesis. International Journal of Molecular Sciences, 2021, 22, 5310.	4.1	9
30	Mayahuelin, a Type I Ribosome Inactivating Protein: Characterization, Evolution, and Utilization in Phylogenetic Analyses of Agave. Frontiers in Plant Science, 2020, 11, 573.	3.6	9
31	Expression of maize eukaryotic initiation factor (eIF) iso4E is regulated at the translational level. Biochemical Journal, 2000, 351, 825.	3.7	7
32	The Diversification of eIF4E Family Members in Plants and Their Role in the Plant-Virus Interaction. , 2016, , 187-205.		7
33	Transformation of Plant Cell Suspension Cultures with Amine-Functionalized Multi-Walled Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2016, 16, 7461-7471.	0.9	7
34	Effect of insulin on the cell cycle of germinating maize seeds (<i>Zea mays</i>L.). Seed Science Research, 2013, 23, 3-14.	1.7	6
35	Protein Disulfide Isomerase (PDI1-1) differential expression and modification in Mexican malting barley cultivars. PLoS ONE, 2018, 13, e0206470.	2.5	5
36	Differential gene expression of virulence factors modulates infectivity of TcI Trypanosoma cruzi strains. Parasitology Research, 2020, 119, 3803-3815.	1.6	5

#	Article	IF	Citations
37	MicroRNA Expression and Regulation During Plant Somatic Embryogenesis. , 2014, , 111-123.		5
38	tasiR-ARFs Production and Target Regulation during In Vitro Maize Plant Regeneration. Plants, 2020, 9, 849.	3.5	4
39	Species A rotavirus NSP3 acquires its translation inhibitory function prior to stable dimer formation. PLoS ONE, 2017, 12, e0181871.	2.5	4
40	The Role of Small RNAs in Plant Somatic Embryogenesis. , 2019, , 311-338.		3
41	Arabidopsis thaliana eIF4E1 and eIF(iso)4E Participate in Cold Response and Promote Translation of Some Stress-Related mRNAs. Frontiers in Plant Science, 2021, 12, 698585.	3.6	3
42	The Dmp8â€Đmp18 bicistron messenger RNA enables unusual translation during cellular stress. Journal of Cellular Biochemistry, 2019, 120, 3887-3897.	2.6	1
43	Identification of Proteins from Cap-Binding Complexes by Mass Spectrometry During Maize (Zea mays) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	1
44	Translational enhancement conferred by the 3â€™ untranslated region of a transcript encoding a group 6 late embryogenesis abundant protein. Environmental and Experimental Botany, 2021, 182, 104310.	4.2	0
45	The accumulation of rotavirus NSP3 dimers does not correlate with the extent of host cell translation inhibition. Future Virology, 2020, 15, 565-576.	1.8	0