

Karen S Browning

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7347622/publications.pdf>

Version: 2024-02-01

17
papers

995
citations

687363

13
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	The Arabidopsis eukaryotic initiation factor (iso)4E is dispensable for plant growth but required for susceptibility to potyviruses. <i>Plant Journal</i> , 2002, 32, 927-934.	5.7	233
2	Mechanism of Cytoplasmic mRNA Translation. <i>The Arabidopsis Book</i> , 2015, 13, e0176.	0.5	170
3	Coordinated and selective recruitment of eIF4E and eIF4G factors for potyvirus infection in <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2007, 581, 1041-1046.	2.8	109
4	Identification and Characterization of a Novel Cap-binding Protein from <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 10325-10330.	3.4	81
5	Deletion of the eIF4G subunit of the Arabidopsis eIF4F translation initiation complex impairs health and viability. <i>Plant Molecular Biology</i> , 2010, 74, 249-263.	3.9	78
6	Evidence for Variation in the Optimal Translation Initiation Complex: Plant eIF4B, eIF4F, and eIF(iso)4F Differentially Promote Translation of mRNAs. <i>Plant Physiology</i> , 2009, 150, 1844-1854.	4.8	59
7	The eIF4F and eIF4E Complexes of Plants: An Evolutionary Perspective. <i>Comparative and Functional Genomics</i> , 2012, 2012, 1-12.	2.0	58
8	Plant Cap-binding Complexes Eukaryotic Initiation Factors eIF4F and eIF4E. <i>Journal of Biological Chemistry</i> , 2011, 286, 42566-42574.	3.4	46
9	Plant lipoxygenase 2 is a translation initiation factor-4E-binding protein. <i>Plant Molecular Biology</i> , 2000, 44, 129-140.	3.9	41
10	Two Arabidopsis Loci Encode Novel Eukaryotic Initiation Factor 4E Isoforms That Are Functionally Distinct from the Conserved Plant Eukaryotic Initiation Factor 4E. <i>Plant Physiology</i> , 2014, 164, 1820-1830.	4.8	35
11	Expression and Purification of Recombinant Wheat Translation Initiation Factors eIF1, eIF1A, eIF4A, eIF4B, eIF4F, eIF(iso)4F, and eIF5. <i>Methods in Enzymology</i> , 2007, 430, 397-408.	1.0	31
12	Discovery and characterization of conserved binding of eIF4E 1 (CBE1), a eukaryotic translation initiation factor 4E-binding plant protein. <i>Journal of Biological Chemistry</i> , 2018, 293, 17240-17247.	3.4	25
13	Specific in vitro phosphorylation of plant eIF2alpha by eukaryotic eIF2alpha kinases. <i>Plant Molecular Biology</i> , 1999, 41, 363-370.	3.9	18
14	eIF4G Augments the Synthesis of Specific Plant Proteins Involved in Normal Chloroplast Function. <i>Plant Physiology</i> , 2019, 181, 85-96.	4.8	8
15	Fusion proteins of Arabidopsis cap-binding proteins: Cautionary details of woe. <i>Translation</i> , 2016, 4, e1257408.	2.9	2
16	Plant Translational Machinery. , 2014, , 129-151.		1
17	Toward a better understanding of canonical and non-canonical cap-binding complex subunits of <i>Arabidopsis thaliana</i> . <i>FASEB Journal</i> , 2013, 27, .	0.5	0