Karen S Browning

List of Publications by Year
in descending order

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	eIFiso4G Augments the Synthesis of Specific Plant Proteins Involved in Normal Chloroplast Function. Plant Physiology, 2019, 181, 85-96.	4.8	8
2	Discovery and characterization of conserved binding of eIF4E 1 (CBE1), a eukaryotic translation initiation factor 4Eâ€“binding plant protein. Journal of Biological Chemistry, 2018, 293, 17240-17247.	3.4	25
3	Fusion proteins of Arabidopsis cap-binding proteins: Cautionary â€œtailsâ€•of woe. Translation, 2016, 4, e1257408.	2.9	2
4	Mechanism of Cytoplasmic mRNA Translation. The Arabidopsis Book, 2015, 13, e0176.	0.5	170
5	Plant Translational Machinery. , 2014, , 129-151.		1
6	Two Arabidopsis Loci Encode Novel Eukaryotic Initiation Factor 4E Isoforms That Are Functionally Distinct from the Conserved Plant Eukaryotic Initiation Factor 4E Â Â. Plant Physiology, 2014, 164, 1820-1830.	4.8	35
7	Toward a better understanding of canonical and nonâ€canonical capâ€binding complex subunits of Arabidopsis thaliana. FASEB Journal, 2013, 27, .	0.5	0
8	The eIF4F and eIFiso4F Complexes of Plants: An Evolutionary Perspective. Comparative and Functional Genomics, 2012, 2012, 1-12.	2.0	58
9	Plant Cap-binding Complexes Eukaryotic Initiation Factors eIF4F and eIFISO4F. Journal of Biological Chemistry, 2011, 286, 42566-42574.	3.4	46
10	Deletion of the eIFiso4G subunit of the Arabidopsis eIFiso4F translation initiation complex impairs health and viability. Plant Molecular Biology, 2010, 74, 249-263.	3.9	78
11	Evidence for Variation in the Optimal Translation Initiation Complex: Plant eIF4B, eIF4F, and eIF(iso)4F Differentially Promote Translation of mRNAs. Plant Physiology, 2009, 150, 1844-1854.	4.8	59
12	Coordinated and selective recruitment of eIF4E and eIF4G factors for potyvirus infection inArabidopsis thaliana. FEBS Letters, 2007, 581, 1041-1046.	2.8	109
13	Expression and Purification of Recombinant Wheat Translation Initiation Factors eIF1, eIF1A, eIF4A, eIF4B, eIF4F, eIF(iso)4F, and eIF5. Methods in Enzymology, 2007, 430, 397-408.	1.0	31
14	The Arabidopsis eukaryotic initiation factor (iso)4E is dispensable for plant growth but required for susceptibility to potyviruses. Plant Journal, 2002, 32, 927-934.	5.7	233
15	Plant lipoxygenase 2 is a translation initiation factor-4E-binding protein. Plant Molecular Biology, 2000, 44, 129-140.	3.9	41
16	Specific in vitro phosphorylation of plant eIF2alpha by eukaryotic eIF2alpha kinases. Plant Molecular Biology, 1999, 41, 363-370.	3.9	18
17	Identification and Characterization of a Novel Cap-binding Protein from Arabidopsis thaliana. Journal of Biological Chemistry, 1998, 273, 10325-10330.	3.4	81