

The 100 Most-Frequently Read Articles

in Plant Cell during April 2007 thru March 2008 -- updated monthly

Most-read rankings are recalculated at the beginning of the month and are based on full-text and pdf views.

- Francis Marty
Plant Vacuoles
Plant Cell Apr 01, 1999; 11: 587-600.
(In "RESEARCH ARTICLES") [\[Full Text\]](#) [\[PDF\]](#)
- Jungeun Lee, Kun He, Viktor Stolc, Horim Lee, Pablo Figueroa, Ying Gao, Waraporn Tongprasit, Hongyu Zhao, Ilha Lee, Xing Wang Deng
Analysis of Transcription Factor HY5 Genomic Binding Sites Revealed Its Hierarchical Role in Light Regulation of Development
Plant Cell Mar 01, 2007; 19: 731-749.
(In "RESEARCH ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)
- Marcelo Desimone, Elisabetta Catoni, Uwe Ludewig, Melanie Hilpert, Anja Schneider, Reinhard Kunze, Mechthild Tegeder, Wolf Bernd Frommer, Karin Schumacher
A Novel Superfamily of Transporters for Allantoin and Other Oxo Derivatives of Nitrogen Heterocyclic Compounds in Arabidopsis
Plant Cell Apr 01, 2002; 14: 847-856.
(In "RESEARCH ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)
- Nicholas H. Battey, Nicola C. James, Andrew J. Greenland, Colin Brownlee
Exocytosis and Endocytosis
Plant Cell Apr 01, 1999; 11: 643-660.
(In "RESEARCH ARTICLES") [\[Full Text\]](#) [\[PDF\]](#)
- Frederick D. Hempel, Patricia C. Zambryski, Lewis J. Feldman
Photoinduction of Flower Identity in Vegetatively Biased Primordia
Plant Cell Oct 01, 1998; 10: 1663-1676.
(In "RESEARCH ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)
- Rebecca Schwab, Stephan Ossowski, Markus Riester, Norman Warthmann, Detlef Weigel
Highly Specific Gene Silencing by Artificial MicroRNAs in Arabidopsis
Plant Cell May 01, 2006; 18: 1121-1133.
(In "RESEARCH ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)
- Michael J. Axtell, Jo Ann Snyder, David P. Bartel
Common Functions for Diverse Small RNAs of Land Plants

Plant Cell Jun 01, 2007; 19: 1750-1769.

(In "RESEARCH

ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)

8. Fuminori Takahashi, Riichiro Yoshida, Kazuya Ichimura, Tsuyoshi Mizoguchi, Shigemi Seo, Masahiro Yonezawa, Kyonoshin Maruyama, Kazuko Yamaguchi-Shinozaki, Kazuo Shinozaki

The Mitogen-Activated Protein Kinase Cascade MKK3-MPK6 Is an Important Part of the Jasmonate Signal Transduction Pathway in *Arabidopsis*

Plant Cell Mar 01, 2007; 19: 805-818.

(In "RESEARCH

ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)

9. Tien-Shin Yu, Heike Kofler, Rainer E. Häusler, Diana Hille, Ulf-Ingo Flügge, Samuel C. Zeeman, Alison M. Smith, Jens Kossmann, James Lloyd, Gerhard Ritte, Martin Steup, Wei-Ling Lue, Jychian Chen, Andreas Weber

The *Arabidopsis* *sex1* Mutant Is Defective in the R1 Protein, a General Regulator of Starch Degradation in Plants, and Not in the Chloroplast Hexose Transporter

Plant Cell Aug 01, 2001; 13: 1907-1918.

(In "RESEARCH

ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)

10. Qiang Liu, Mie Kasuga, Yoh Sakuma, Hiroshi Abe, Setsuko Miura, Kazuko Yamaguchi-Shinozaki, Kazuo Shinozaki

Two Transcription Factors, DREB1 and DREB2, with an EREBP/AP2 DNA Binding Domain Separate Two Cellular Signal Transduction Pathways in Drought- and Low-Temperature-Responsive Gene Expression, Respectively, in *Arabidopsis*

Plant Cell Aug 01, 1998; 10: 1391-1406.

(In "RESEARCH

ARTICLES") [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)

[\[Next 10 Articles\]](#)

▶ = from the current issue

Last Updated: 04/04/2008 02:13:37

HOME	HELP	FEEDBACK	SUBSCRIPTIONS	ARCHIVE	SEARCH
ASPB Publications		THE PLANT CELL		PLANT PHYSIOLOGY	

[Copyright © 2008 by the American Society of Plant Biologists](#)