IN BRIEF

Identification of a Novel Maize Protein Important for Paramutation at the purple plant1 Locus
Jennifer Mach

A Novel Form of Photoprotection in Cyanobacteria
Nancy A. Eckardt

Wavelength Dependence of Quantum Yield for CO₂ Fixation and Photochemical Efficiencies of Photosystems I and II
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Transcription Factors and Darwin’s “Abominable Mystery”: Positive Autoregulation in Floral Zygomorphy
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Gene Regulatory Networks of the Carbon-Concentrating Mechanism in Chlamydomonas reinhardtii
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Mechanisms and Concepts Paving the Way towards a Complete Transport Cycle of Plant Vacuolar Sorting Receptors
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LARGE-SCALE BIOLOGY ARTICLES

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John D. Laurie, Shawkat Ali, Rob Linning, Gertrud Mannhaupt, Philip Wong, Ulrich Güldener, Martin Münsterkötter, Richard Moore, Regine Kahmann, Guus Bakkeren, and Jan Schirawski

Screening a cDNA Library for Protein–Protein Interactions Directly in Plants
Lan-Ying Lee, Fu-Hui Wu, Chen-Tran Hsu, Shu-Chen Shen, Hsuan-Yu Yeh, De-Chih Liao, Mei-Jane Fang, Nien-Tze Liu, Yu-Chen Yen, Ladislav Dokládal, Eva Šykorová, Stanton B. Gelvin, and Choun-Sea Lin

RESEARCH ARTICLES

required to maintain repression2 Is a Novel Protein That Facilitates Locus-Specific Paramutation in Maize
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Chimeric FLS2 Receptors Reveal the Basis for Differential Flagellin Perception in Arabidopsis and Tomato

Katharina Mueller, Pascal Bittel, Delphine Chinchilla, Anna K. Jehle, Markus Albert, Thomas Boller, and Georg Felix

The MEKK1-MKK1/MKK2-MPK4 Kinase Cascade Negatively Regulates Immunity Mediated by a Mitogen-Activated Protein Kinase Kinase in Arabidopsis

Qing Kong, Na Qu, Minghui Gao, Zhibin Zhang, Xiaojun Ding, Fan Yang, Yingzhong Li, Oliver X. Dong, She Chen, Xin Li, and Yuelin Zhang

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