

- Vogelmann, T.C., Bornman, J.F. and Yates, D.J. (1996) Focusing of light by leaf epidermal cells, *Physiologia Plantarum*, **98**, 43–56.
- Vogt, T., Ibdah, M., Schmidt, J., Wray, V., Nimtz, M. and Strack, D. (1999) Light-induced betacyanin and flavonol accumulation in bladder cells of *Mesembryanthemum crystallinum*, *Phytochemistry*, **52**, 583–592.
- Wagner, G.J., Wang, E. and Shepherd, R.W. (2004) New approaches for studying and exploiting an old protuberance, the plant trichome, *Annals of Botany*, **93**, 3–11.
- Wang, H., Cao, G. and Prior, R.L. (1997) Oxygen radical absorbing capacity of anthocyanins, *Journal of Agricultural and Food Chemistry*, **45**, 304–309.
- Weger, H.G., Silim, S.N. and Guy, R.D. (1993) Photosynthetic acclimation to low temperature by western red cedar seedlings, *Plant, Cell and Environment*, **16**, 711–717.
- Weissenböck, G., Hedrich, R. and Sachs, G. (1986) Secondary phenolic products in isolated guard cell, epidermal cell and mesophyll cell protoplasts from Pea (*Pisum sativum* L.) leaves: distribution and determination, *Protoplasma*, **134**, 141–148.
- Weissenböck, G., Schnabl, H., Sachs, G., Elbert, C. and Heller, F.-O. (1984) Flavonol content of guard cell and mesophyll cell protoplasts isolated from *Vicia faba* leaves, *Physiologia Plantarum*, **62**, 356–362.
- Wenzel, C.L., Chandler, P.M., Cunningham, R.B. and Passioura, J.B. (1997) Characterization of the leaf epidermis of barley (*Hordeum vulgare* L. 'Himalaya'), *Annals of Botany*, **79**, 41–46.
- Weston, E.L. and Pyke, K.A. (1999) Developmental ultrastructure of cells and plastids in the petals of wallflower (*Erysimum cheiri*), *Annals of Botany*, **84**, 763–769.
- Williams, R.J., Spencer, J.P.E. and Rice-Evans, C. (2004) Flavonoids: antioxidants or signalling molecules? *Free Radical Biology and Medicine*, **36**, 838–849.
- Willson, M.F. and Whelan, C.J. (1989) Ultraviolet reflectance of vertebrate-dispersed plants, *Oikos*, **55**, 341–348.
- Wollenweber, E. and Dietz, V.H. (1981) Occurrence and distribution of free flavonoid aglycones in plants, *Phytochemistry*, **20**, 869–932.
- Woolley, J.T. (1971) Reflectance and transmittance of light by leaves, *Plant Physiology*, **47**, 656–662.
- Young, A.J. and Lowe, G.M. (2001) Antioxidant and prooxidant properties of carotenoids, *Archives of Biochemistry and Biophysics*, **385**, 20–27.
- Zwiggelaar, R. (1998) A review of spectral properties of plants and their potential use for crop/weed discrimination in row-crops, *Crop Protection*, **17**, 189–206.