10.1071/FPv43n4toc

Functional Plant Biology

Contents

Volume 43 Issue 4 2016

Cover illustration: Functional network of β-substituting alanine synthase (BSAS) proteins in Sassimilation and cysteine metabolism in *Arabidopsis thaliana* (Tahir and Dijkwel, pp. 307–323). The figure shows the pathways and enzymes involved in sulfur assimilation and cysteine, methionine and thiol biosynthesis and homeostasis. BSAS enzymes are coloured in purple; enzymes in other pathways (associated with cysteine metabolism) are coloured in red. The metabolites synthesised by BSAS are assigned different font sizes depending on the subcellular pools of the respective metabolite. Dotted lines indicate putative channelling for transport of metabolites across subcellular compartments. Image by Jibran Tahir.