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Motallebi-Azar A., Kazemiani S., 2011 A new concept about carbon source roles on *in vitro* microtuberization of potato (*Solanum tuberosum* L.). AAB Bioflux 3(3):160-167.

Motallebi-Azar A., Mahna N., Markafshi A., 2011 Shoot regeneration from leaf segments of peach x almond hybrid, GF677 rootstock. AAB Bioflux 3(3):168-177.

Nia M. R., Motallebi-Azar A., Davati-Kazemnia H., 2011 Effects of cold stress on some Apricot (*Prunus armeniaca* L.) cultivars in different phenological stages. AAB Bioflux 3(3):178-183.

Mihai-Oroian C., Oroian I., Tomoiaga L., Comsa M., Iederan C., 2011 The influence of climatic conditions on the main vine diseases in terms of chemicals application. AAB Bioflux 3(3):184-187.