عنوان فارسی مقاله:
ارتباط بین چندین مکانیسم درک UV-B و مسیرهای ترمیم DNA گیاهان

عنوان انگلیسی مقاله:
The relationship between multiple UV-B perception mechanisms and DNA repair pathways in plants
8. Conclusions and future directions
Research leading to knowledge regarding how plants perceive and respond to UV-B radiation has made substantial progress in the last few years, especially with the characterization of UVR8 as a UV-B photoreceptor and further definition of its signaling pathway (Jenkins, 2014). While UVR8 no doubt plays a major role in UV-B photoperception (Christie et al., 2012), it cannot explain nor account for all UV-B responses observed in plants (Gardner et al., 2009; Wargent et al., 2009; González Besteiro et al., 2011; Biever et al., 2014). Plant responses to UV-B radiation are highly varied, and the existence of multiple perception pathways seems logical.