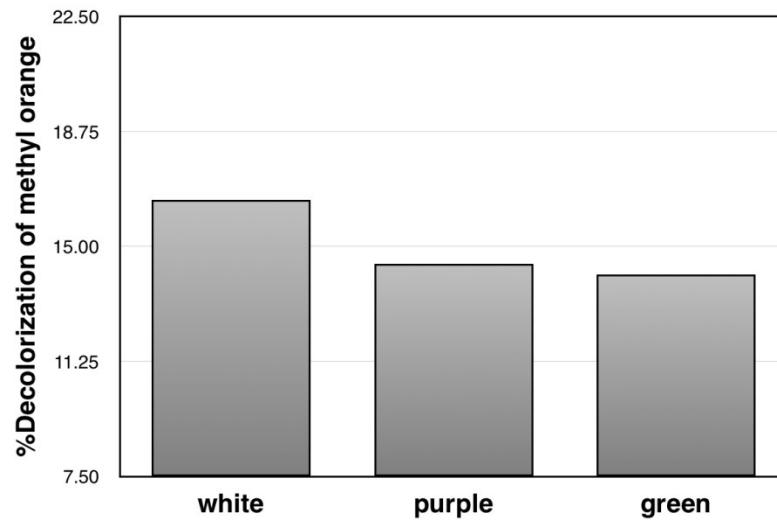
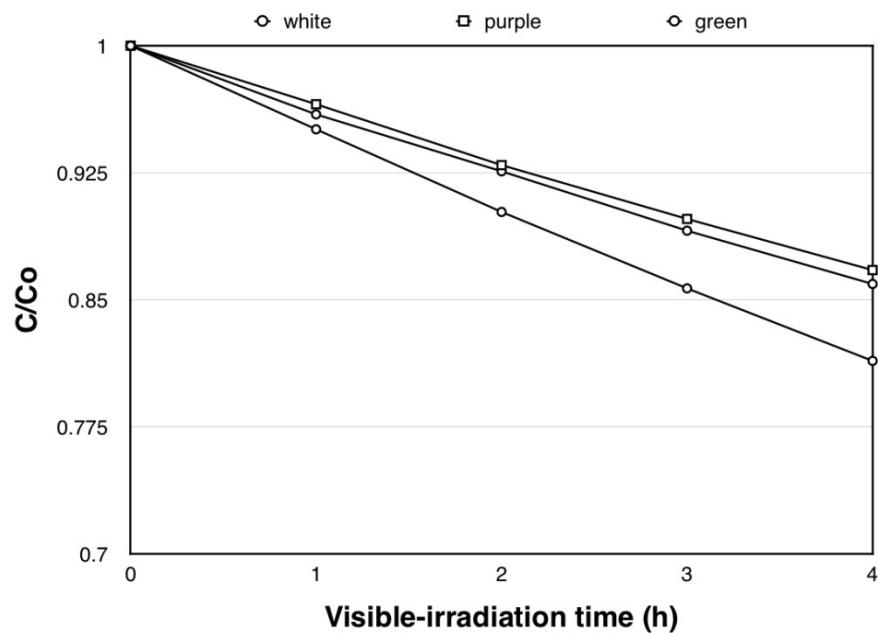


(S1)



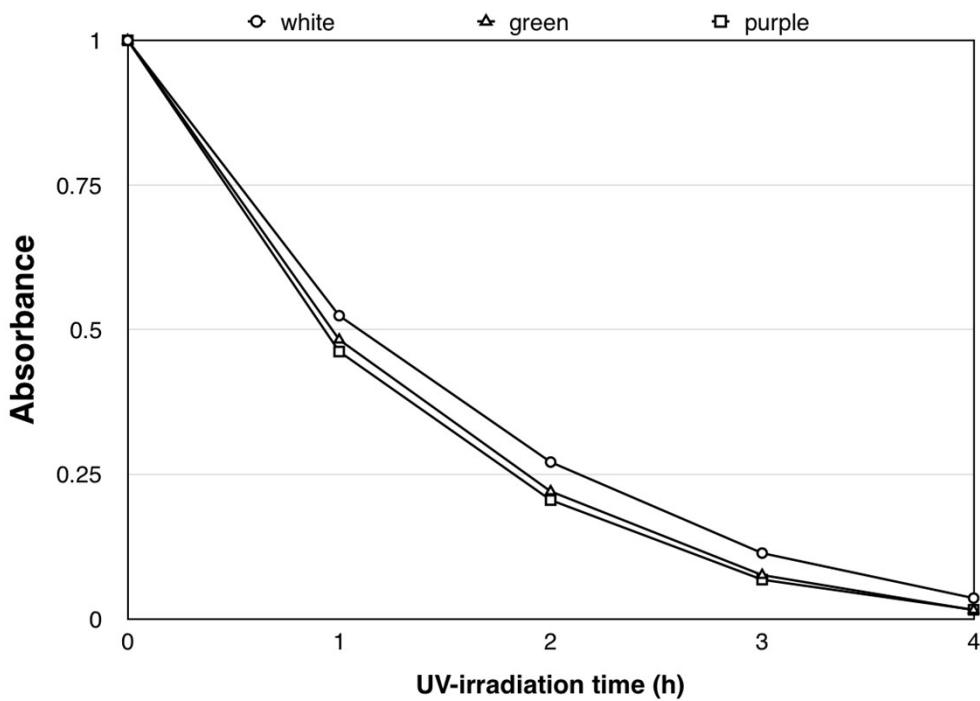
S1 : Photobleaching of methyl orange under UV irradiation for 24 hours, without H_2O_2 addition

(S2)



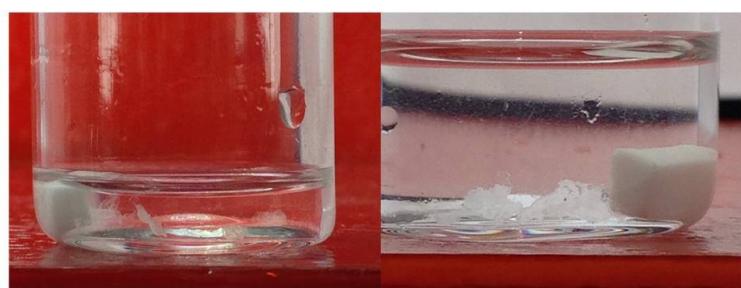
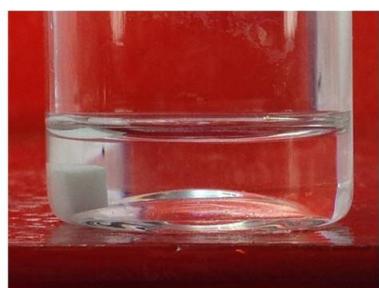
S2 : Photobleaching of methyl orange in the presence of H_2O_2 under visible light irradiation

S3



S2 : Photobleaching of methyl orange in the presence of H_2O_2 with UV irradiation of new composition coloured ZBP glasses (50 mol% ZnO concentration)

S4



S4 : Polyacrylamide prepared by radical polymerization initiating using the synthesized white ZBP glass