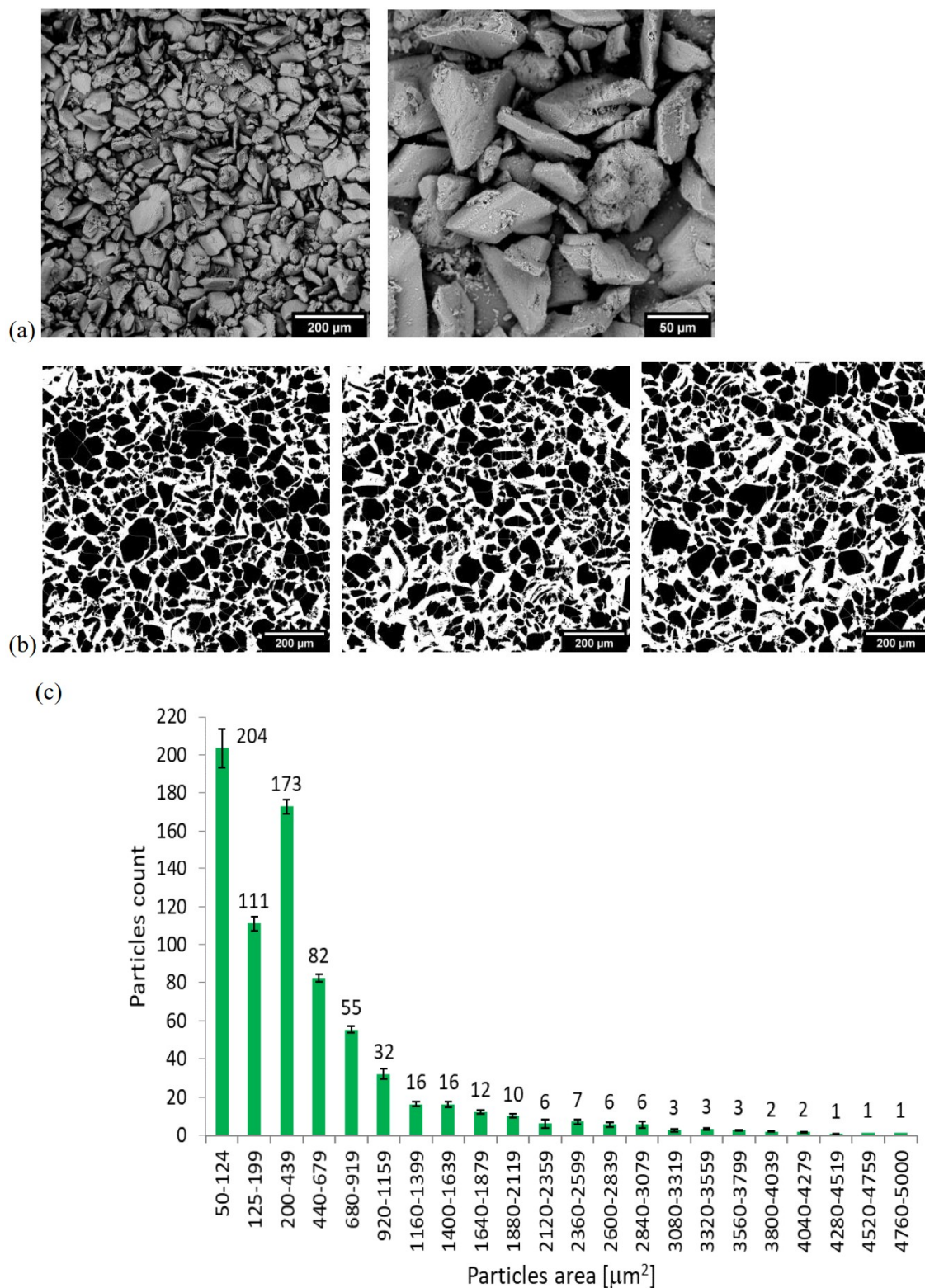
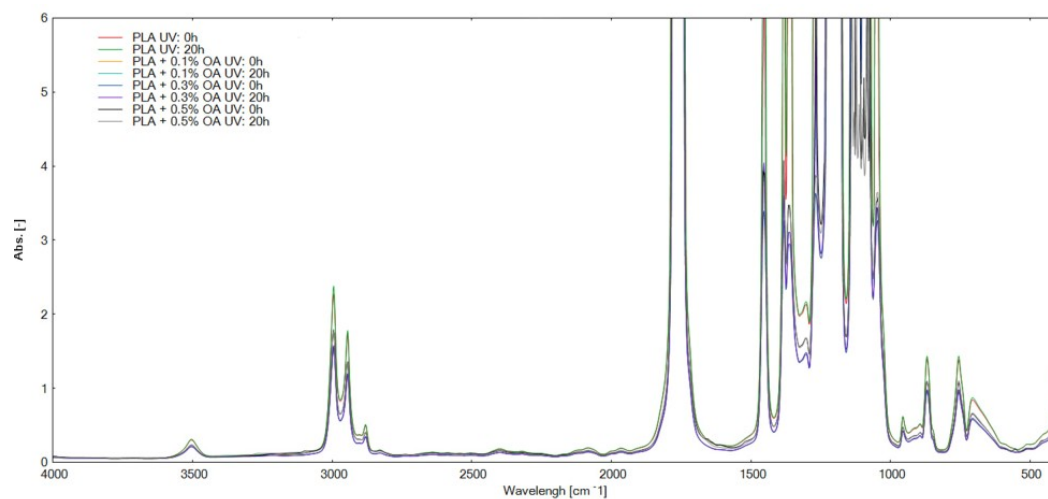


# Photodegradation and Biodegradation of Poly(Lactic) Acid Containing Orotic Acid as a Nucleation Agent

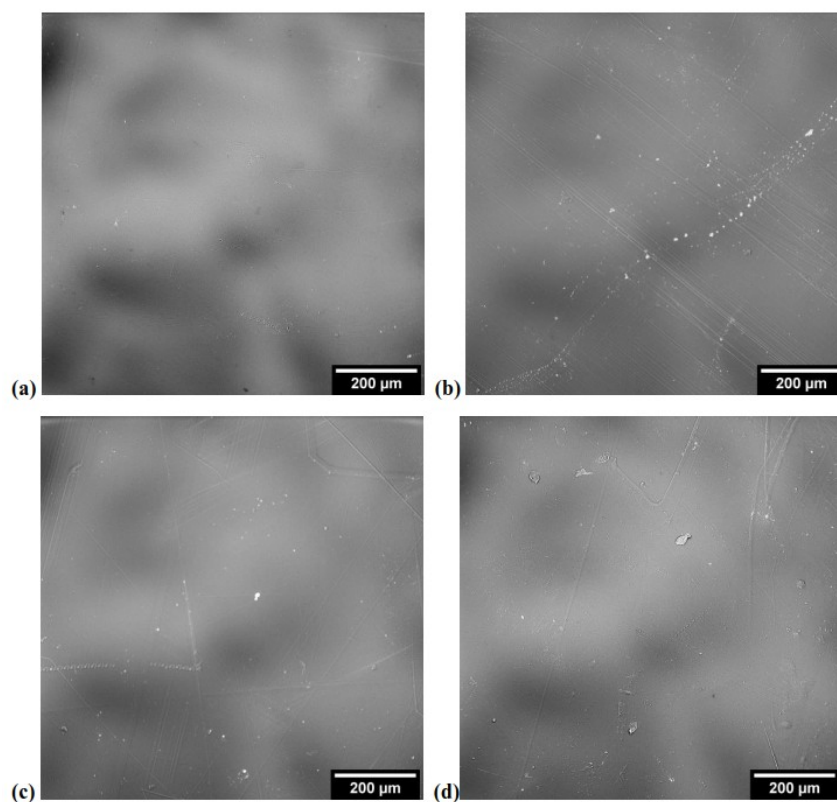
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**Figure S1.** (a) SEM micrographs of OA powder. (b) Threshold sharpened images of OA grains used for the image analysis. (c) Distribution of cross-section areas of OA grains.



**Figure S2.** FTIR spectra of the investigated PLA materials with different contents of OA, both the initial and after 20 h of the photodegradation.



**Figure S3.** SEM of PLA materials before and after photodegradation. PLA (a), PLA after 75 hours of photodegradation (b), PLA with 0.3% of OA (c), PLA with 0.3% of OA after 75 h of photodegradation (d).