The tuning of LIPSS wettability through manipulation of the irradiation atmosphere and post-processing carbonaceous layer growth

Supplementary Materials

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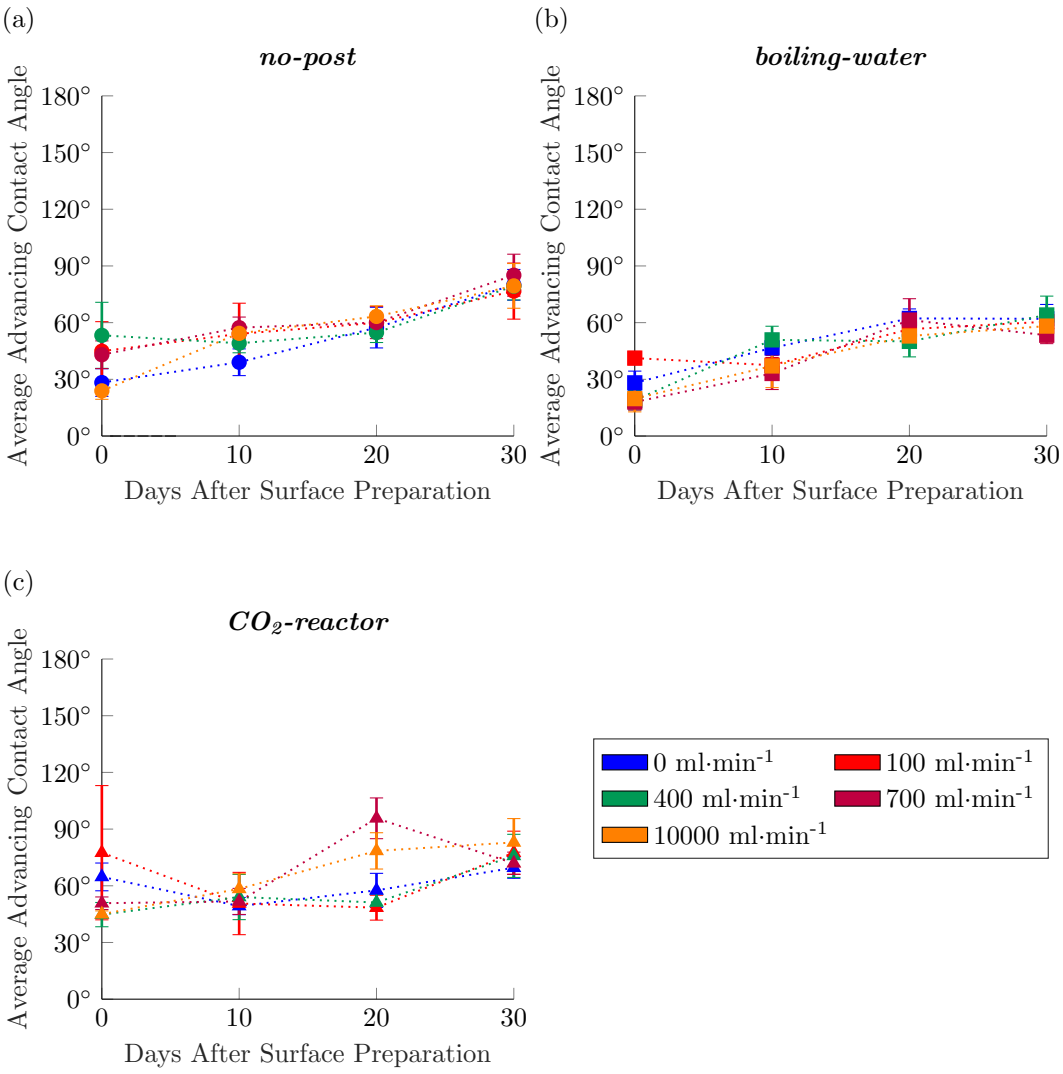


Figure S1: Average advancing water contact angle measurements taken over the 30 days following laser micromachining/post-processing on surfaces prepared with: (**a**) no post-processing step; (**b**) 48 hours in boiling water; and (**c**) 48 hours in the CO_2 reactor.

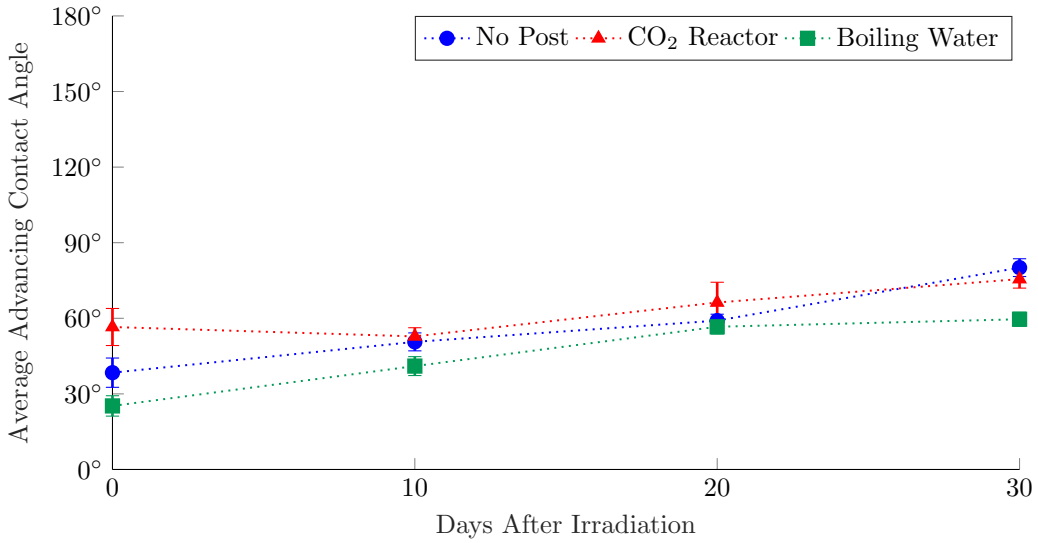


Figure S2: Average advancing contact angle measured on the *no-post*, *CO_2-reactor*, and *boiling-water* surfaces regardless of CO_2 jet volumetric flow rate during micromachining over the 30 days following surface preparation.