

Electronic Supplementary Material

Probing the intriguing frictional behavior of hydrogels during alternative sliding velocity cycles

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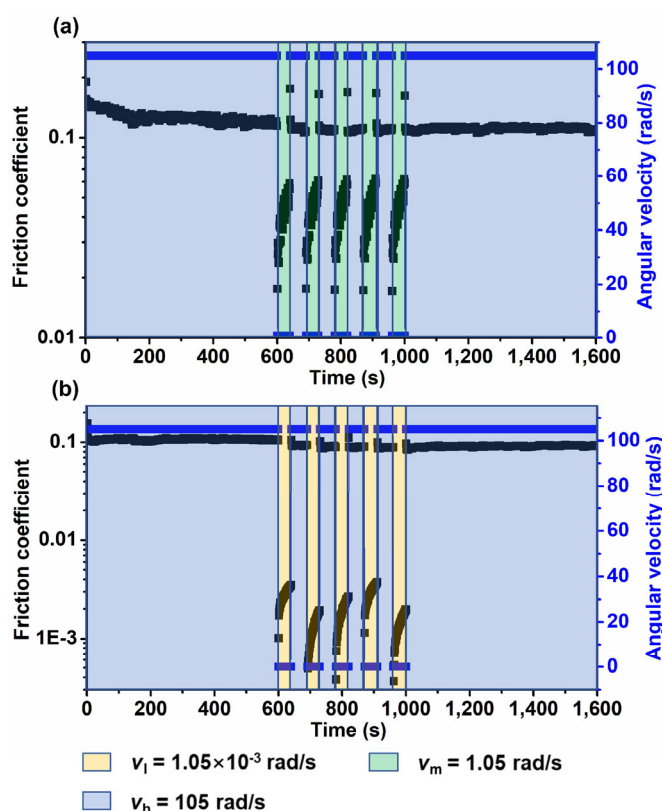


Fig. S1 Friction behavior of hydrogel when sliding velocity changes abruptly between (a) v_m (1.05 rad/s) and v_h (105 rad/s); (b) v_l (1.05×10^{-3} rad/s) and v_h (105 rad/s).

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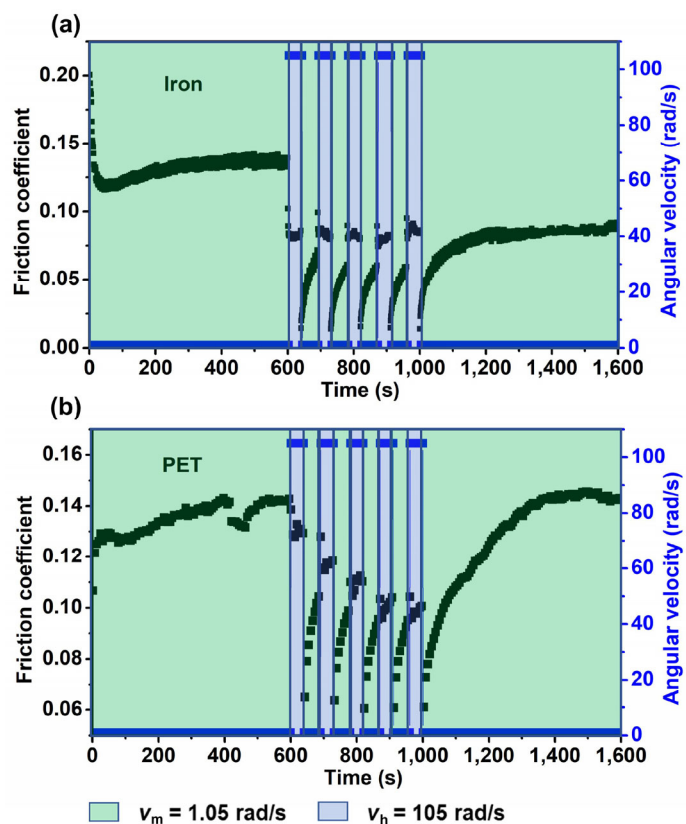


Fig. S2 Friction experiments using iron and polyethylene glycol terephthalate (PET) as substrates when sliding velocity changes abruptly between v_m (1.05 rad/s) and v_h (105 rad/s).