

Electronic Supplementary Material

Exploring the relevance between load-bearing capacity and surface friction behavior based on a layered hydrogel cartilage prototype

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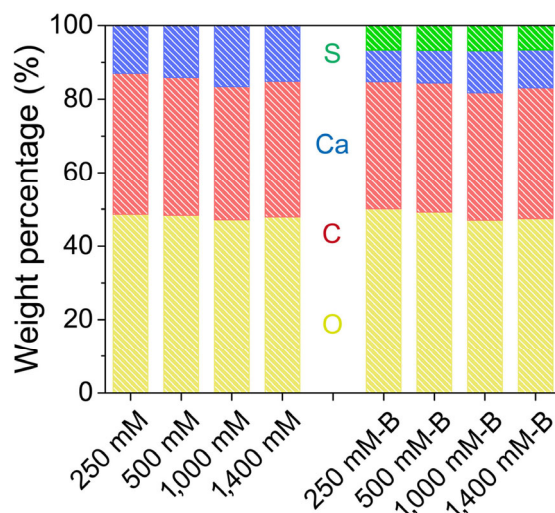


Fig. S1 EDS element results of MTH and BMTH treated by different CaAc concentrations.

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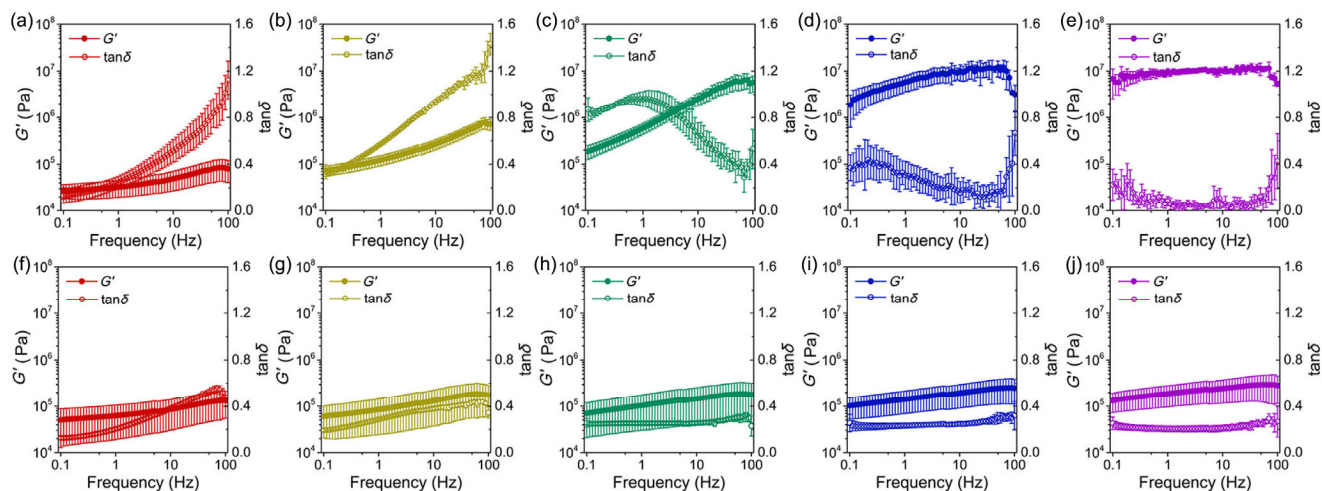


Fig. S2 Frequency-sweep rheological profile of hydrogel matrix treated by different CaAc solutions. MTH treated by (a) 250 mM, (b) 500 mM, (c) 750 mM, (d) 960 mM and (e) 1,400 mM CaAc solution. BMTH treated by (f) 250 mM, (g) 500 mM, (h) 750 mM, (i) 960 mM and (j) 1,400 mM CaAc solution.

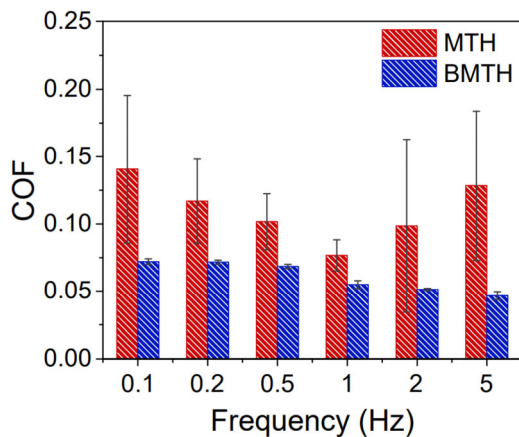


Fig. S3 Influence of sliding frequency (applied load: 1 N) on COF.