Supplementary Information

Self-Alignment Sequence of Colloidal Cellulose Nanofibers Induced by Evaporation from Aqueous Suspensions

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Figure S1. AFM image of the CNFs used in this study.
Figure S2. Birefringence images of the dried nanopapers in the y direction. (a) Glass cell without hydrophobization treatment showing CNFs adhered to the wall. (b) Hydrophobized cell without CNFs adhered to the walls properly dried to form a nanopaper.
Figure S3. Estimation of the apparent concentration at which birefringence starts to occur by linear fitting. (a, b) Suspensions with initial concentrations of 0.087 and 0.52 wt% show birefringence in the z direction at 1.26 and 1.33 wt%, respectively. (c, d) Suspensions with initial concentrations of 0.087 and 0.52 wt% show birefringence in the y direction at 0.57 and 0.55 wt%, respectively.
Figure S4. (a, b) Appearance, (c, d) thermogravimetric profiles, and (e, f) AFM images of nanopapers dried from (a, c, e) $\phi_i = 0.087$ wt% and (b, d, f) $\phi_i = 0.52$ wt% suspensions.