

Supporting Information

Acid-Catalyzed and Solvolytic Desulfation of H₂SO₄-Hydrolyzed Cellulose Nanocrystals

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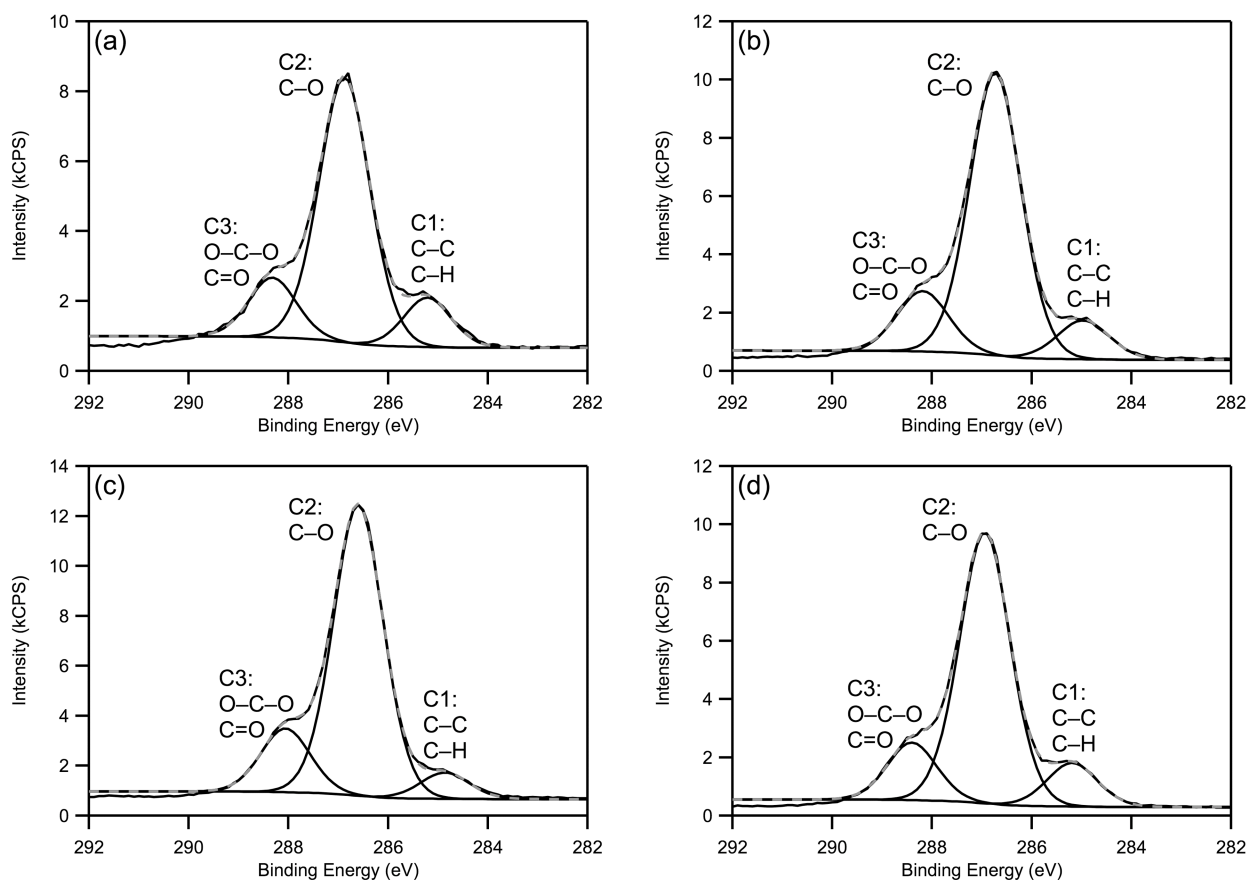


Figure S1. High-resolution C 1s photoelectron spectra of the CNC samples SH (a), HH (b), HD7 (c), and SD (d).

Table S1. Relative amounts of C1, C2, and C3 carbon species and C2/C3 ratios for different CNC samples

Sample	Percentage of C 1s peak area			C2/C3
	C1	C2	C3	
SH	12.52	72.24	15.24	4.74
HH	10.27	73.95	15.78	4.69
HD7	6.74	76.64	16.62	4.61
SD	11.71	73.20	15.09	4.85
Cellulose	0.00	83.00 ^a	17.00 ^a	4.88

^a from ref 1

References

- (1) Ahmed, A.; Adnot, A.; Grandmaison, J. L.; Kaliaguine, S.; Doucet, J. *Cellulose Chem. Technol.* **1987**, *21*, 483–492.