

Investigation of One-Dimensional PAN/SrTiO₃@Al Composite Nanofibers for Hydrogen Evolution

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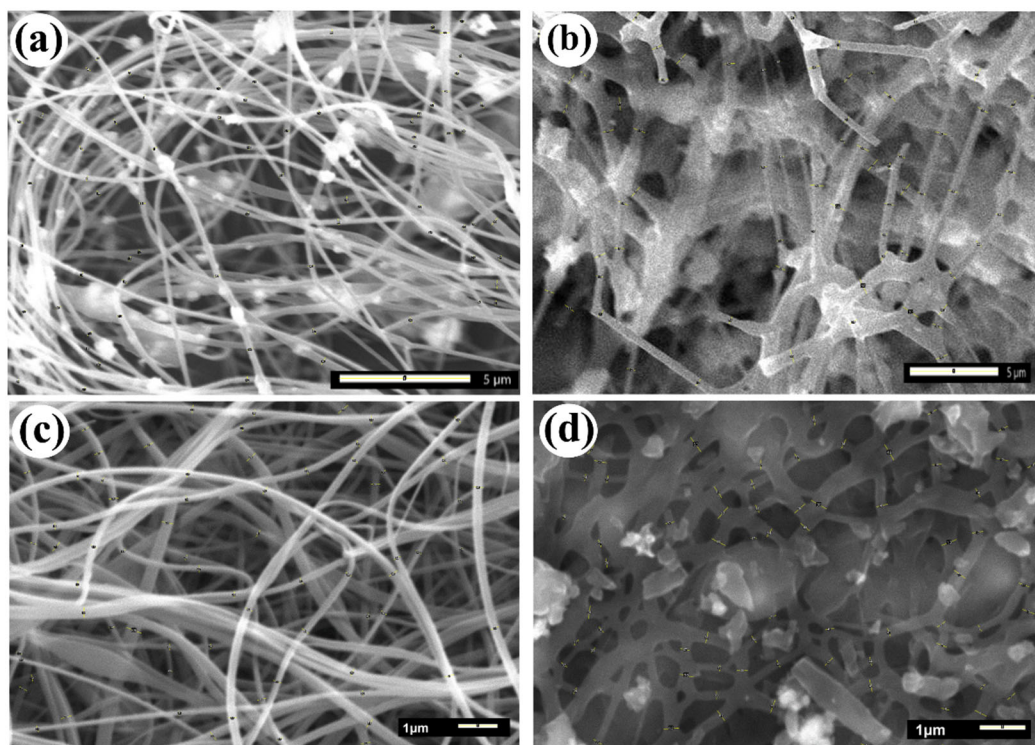


Figure S1. SEM image of PAN/STO (a, b) and PAN/ASTO@Rh/Cr/Co (c, d) nanofibers before and after thermal treatment, showing the measurement points used for fiber diameter determination.

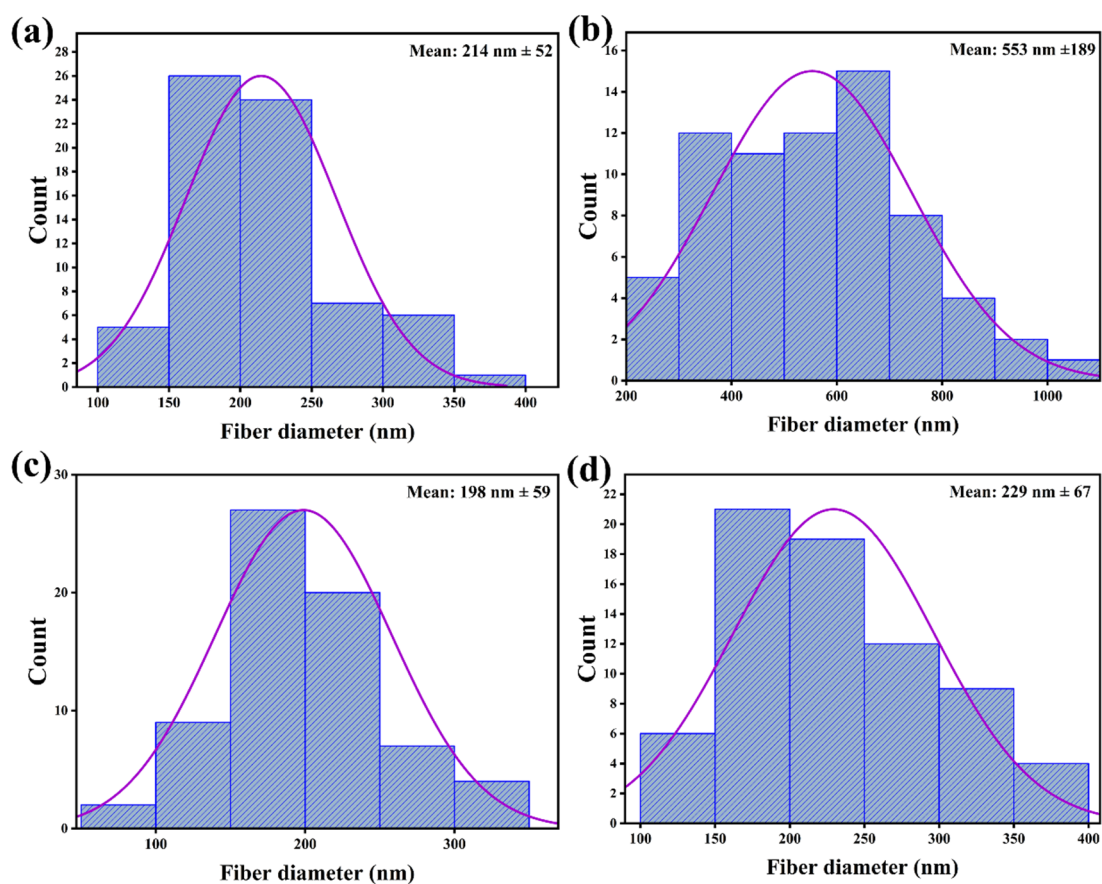


Figure S2. Diameter distribution histograms based on SEM analysis for: (a) PAN/STO before treatment, (b) PAN/STO after treatment, (c) PAN/ASTO@Rh/Cr/Co before treatment, and (d) PAN/ASTO@Rh/Cr/Co after treatment.

Table S1. EDX PAN/STO. ZAF Method Standardless Quantitative Analysis.

Fitting Coefficient: 0.6081

Element	(keV)	mass%	Error%	At%	K
C K	0.183	90.44	0.05	97.79	70.0266
O K*	0.525	0.71	0.02	0.52	0.3039
Ti K	4.508	4.57	0.08	1.11	7.9745
Sr L	1.806	4.28	0.12	0.57	11.2991
Total	—	100.00	—	100.00	—

Table S2. EDX PAN/ASTO@Rh/Cr/Co.

Result Type	Weight %	
Spectrum Label	Spectrum 6	Standard Deviation
C	72.66	0.71
N	13.97	2.34
O	13.08	1.68
Al	0.02	0.01
Ti	0.09	0.02
Cr	0.06	0.04
Co	0.00	0.00
Sr	0.10	0.01
Rh	0.01	0.01
Total	100.00	