BEILSTEIN JOURNAL OF NANOTECHNOLOGY

Supporting Information

for

Oxidative atmosphere-driven formation of single-phase spinel $CuRh_2O_4$ nanofibers for alkaline water oxidation

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Beilstein J. Nanotechnol. **2026,** *17,* 737–743. doi:10.3762/bjnano.17.50

Additional experimental data

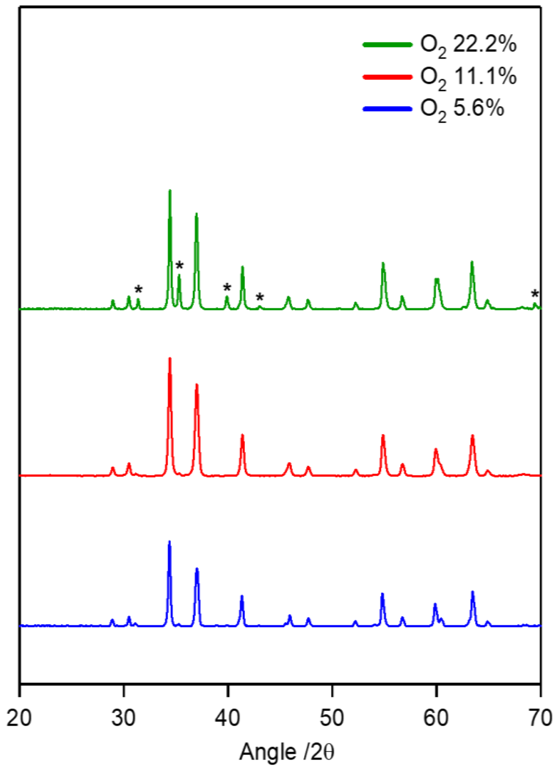

Figure S1: XRD patterns of the Cu–Rh bimetallic oxide nanomaterials synthesized under varying O_2 concentrations and annealed at 850 °C for 3 h. The unassigned diffraction peaks are attributed to the formation of spinel copper rhodium oxide ($CuRh_2O_4$), while the asterisk (*) denotes a secondary phase corresponding to $CuRhO_2$.

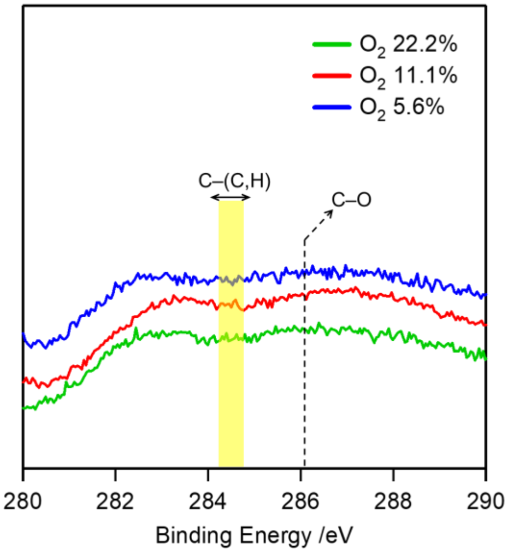

Figure S2: AR-XPS spectra of nanomaterials in the C 1s region.

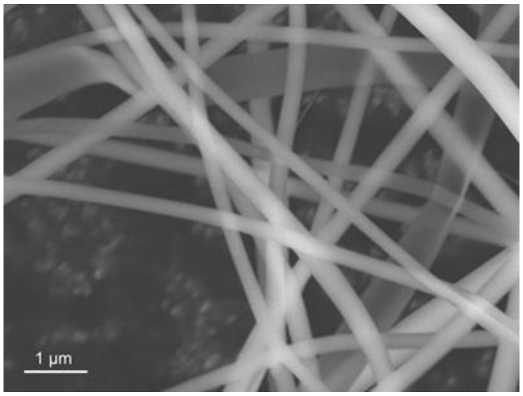

Figure S3: SEM image of the as-spun $CuCl_2$ + $RhCl_3$/PVP fibers.