

Supplementary Material

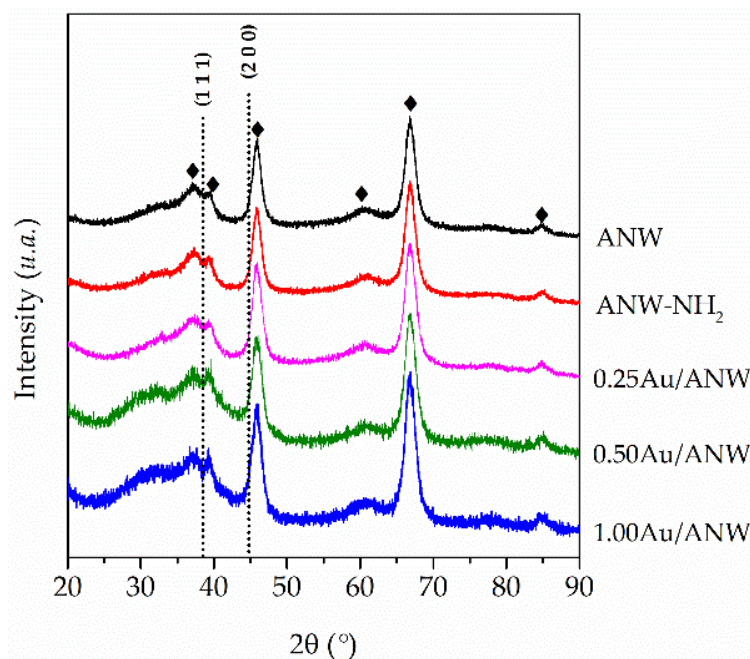


Figure S1. X-ray diffractograms for prepared materials. ♦ γ - Al_2O_3 (JCPDS 86-1410) and dotted line corresponds to the diffractions for metallic Au (JCPDS: 21-1272).

Table S1. AAS characterization during the recycles studies.

Solvent	Run	Au supernatant (ppm)	Leaching (%) ^(a)
Water	1	294	7.1
	2	588	14.5
	3	1050	24.6
	Total	1932	46.1
Ethanol	1	8.4	0.2
	2	29.4	0.7
	3	46.2	1.1
	4	88.2	2.1
	5	164	3.9
	Total	336	8.0

^(a) The total of gold loading used from AAS characterization for the catalysts.