

Supplementary Information

Employing Artificial Neural Network in Correlating a Hydrogen-Selective Catalytic Reduction Performance with Crystallite Sizes of a Biomass-Derived Bimetallic Catalyst

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Table S1. Metal content in all of the synthesized catalysts in this study.

Sample ID	Average (wt%)		Standard Deviation (wt%)		Ratio (Fe/Cu)
	Cu	Fe	Cu	Fe	
PKAC/Cu	8.32	0	0.020	NR	NR
PKAC/Cu20	13.37	0	0.020	NR	NR
PKAC/Cu30	14.47	0	0.022	NR	NR
PKAC/Fe	0	9.42	NR	0.020	NR
PKAC/FeCu	7.08	6.25	0.005	0.019	0.88
PKAC/Fe10Cu20	16.09	5.29	0.036	0.013	0.33
PKAC/Fe10Cu30	18.26	5.09	0.060	0.033	0.28
PKAC/Fe20Cu10	8.92	8.30	0.070	0.009	0.93
PKAC/Fe20Cu20	19.56	11.09	0.173	0.025	0.57
PKAC/Fe20Cu30	21.91	8.74	0.023	0.013	0.40
PKAC/Fe30Cu10	9.78	10.49	0.166	0.021	1.07
PKAC/Fe30Cu20	16.84	15.93	0.034	0.046	0.95
PKAC/Fe30Cu30	22.57	14.86	0.019	0.043	0.66