Performance of iron-functionalized activated carbon catalysts (Fe/AC-*f*) on CWPO wastewater treatment

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Supplementary Information.

Tables:

Table S1. Catalysts nomenclature and characteristics

Figures:

Figure S1 – XRD of Fe/AC-f catalysts: a) Fe/CM-f catalysts and b) Fe/CN-f catalysts

Figure S2 – N2 isotherms of Fe/AC-f catalysts: a) Fe/CM-f catalysts and b) Fe/CN-f catalysts

Treatment	Support	$V_{Fe(NO3)3}$ (mL·g ⁻¹ _{support})	Catalysts	Fe (%)	$T_{calcination} (^{o}C)$
-	СМ	0.88	Fe/CM	4	250
	CN	0.91	Fe/CN		
Sulfuric acid	CM-A	1.03	Fe/CM-A	4	250
	CN-A	1.17	Fe/CN-A		
Nitric acid	CM-O	0.97	Fe/CM-O	4	250
	CN-O	1.10	Fe/CN-O		
Ethylenediamine	CM-B	0.81	Fe/CM-B	4	250
	CN-B	0.67	Fe/CN-B		

 Table S1. Catalysts nomenclature and characteristics



Figure S1 – XRD of Fe/AC-f catalysts: a) Fe/CM-f catalysts and b) Fe/CN-f catalysts



Figure S2 – N₂ isotherms of Fe/AC-f catalysts: a) Fe/CM-f catalysts and b) Fe/CN-f catalysts