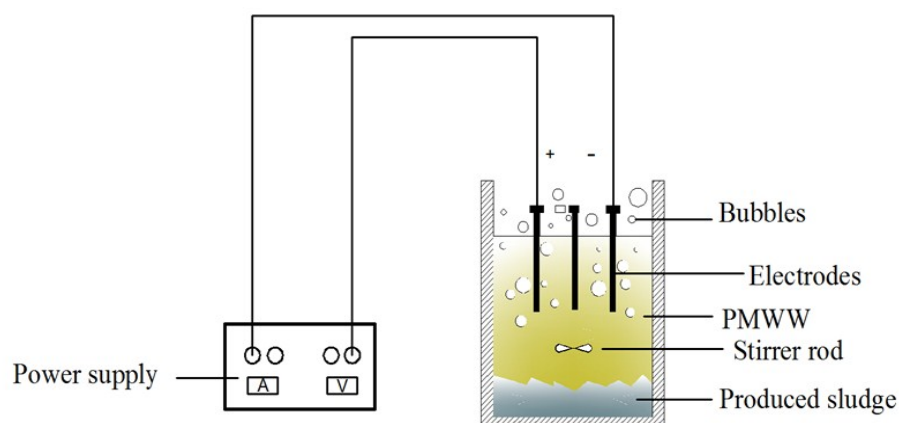
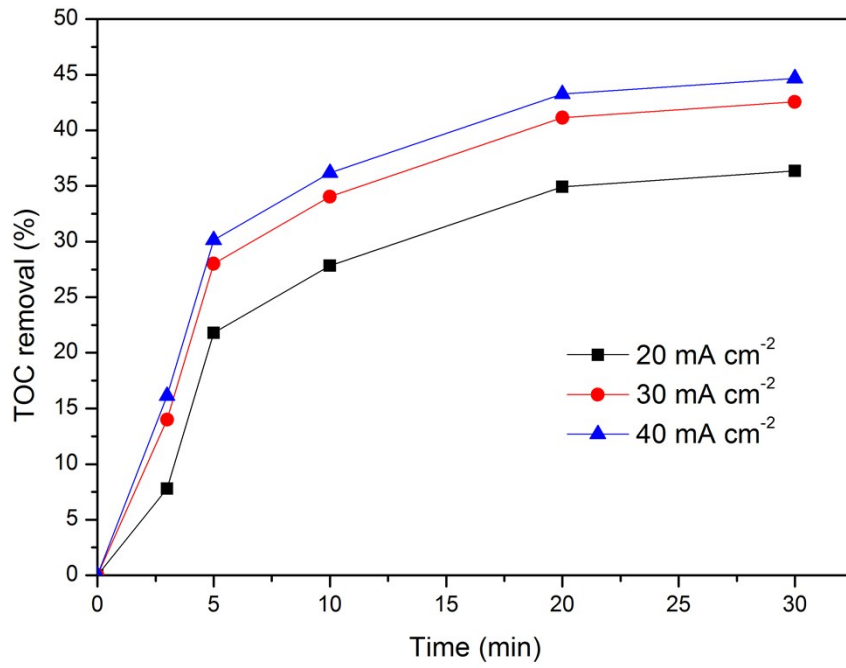


**Table.SM-1.** Characteristics of the paper-making wastewater prefiltered using 1.2  $\mu\text{m}$  glass-fiber filters.

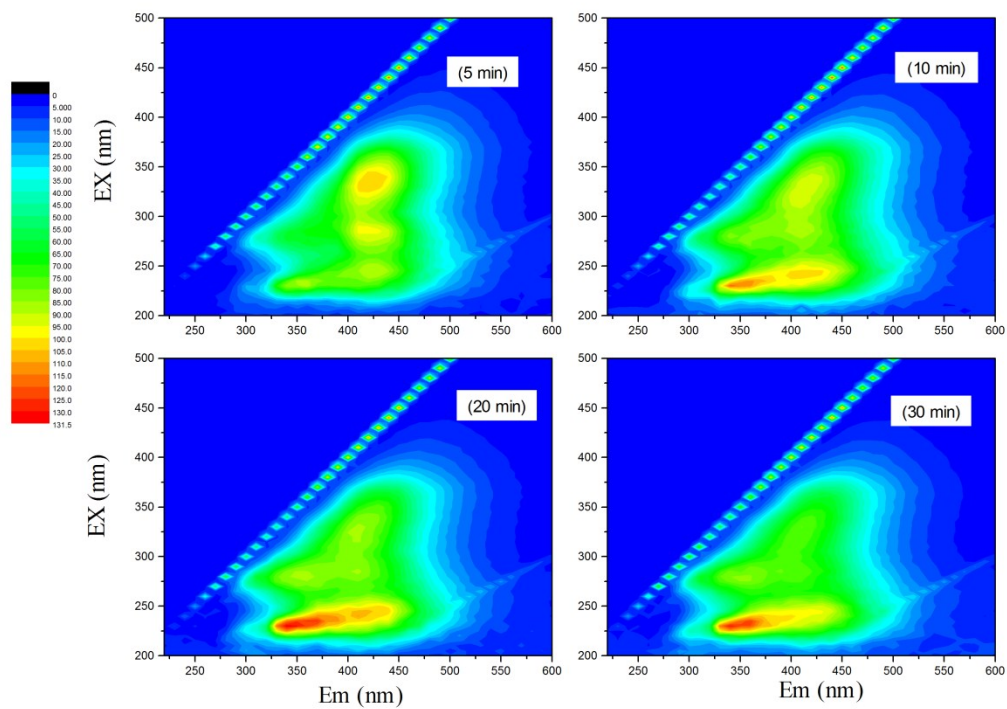
Parameters	Unit	Value
Turbidity	ntu	0.85
Color	-	208
pH	-	7.85
COD	$\text{mg L}^{-1}$	198.2
BOD <sub>5</sub>	$\text{mg L}^{-1}$	13
TOC	$\text{mg L}^{-1}$	59.1
Conductivity	$\mu\text{S m}^{-1}$	2110



**Fig.SM-1.** Scheme of experimental set-up for electrocoagulation treatment.



**Fig.SM-2.** The effect of EC-treatment time on TOC removal from PMWW.  
Treatment conditions: initial pH = 7.85, temperature = 25 °C;



**Fig.SM-3.** Fluorescence excitation-emission matrix spectra of the wastewater treated by EC treatment. EC conditions: initial pH = 7.85, current density = 30 mA cm<sup>-2</sup>, treatment time = 30 min, temperature = 25 °C.