

**Selective adsorption and photodegradation of residual norfloxacin in water by
mTiO₂ based inorganic molecularly imprinted magnetic photocatalyst**

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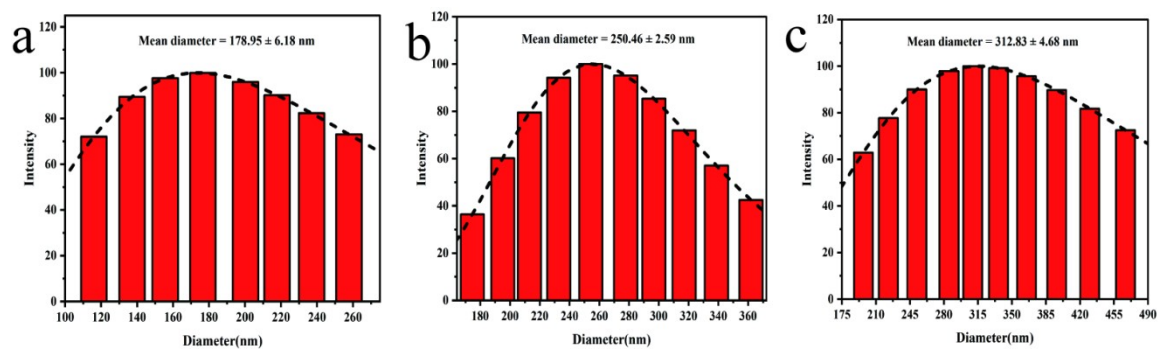


Fig. S1 The particle size distribution of (a) Fe₃O₄, (b) Fe₃O₄@TiO₂@NOR, and (c)

MIFTA

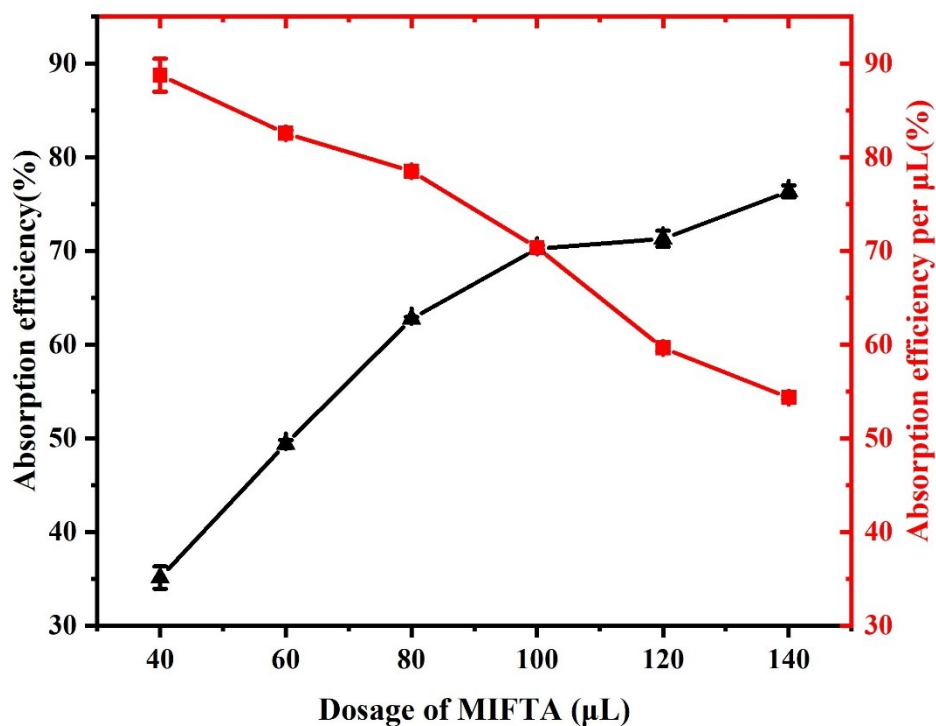


Fig. S2 Effect of MIFTA dosage on the adsorption efficiency

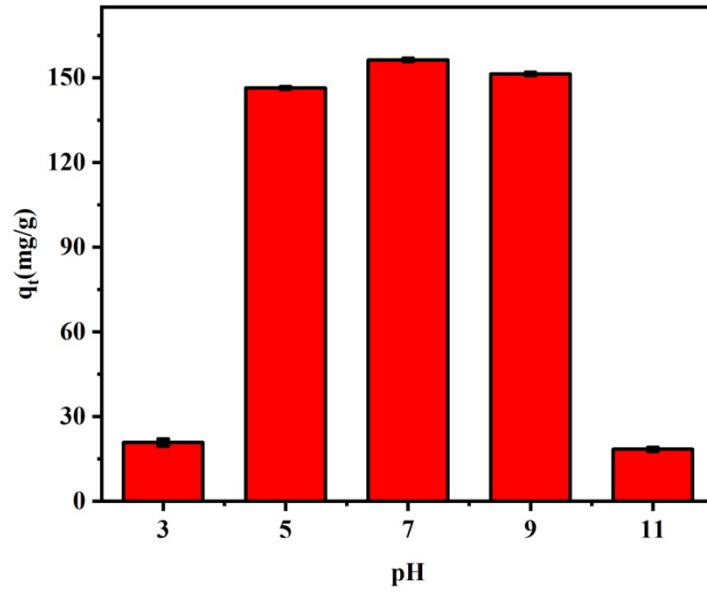


Fig. S3 The effect of solution pH on adsorption efficiency

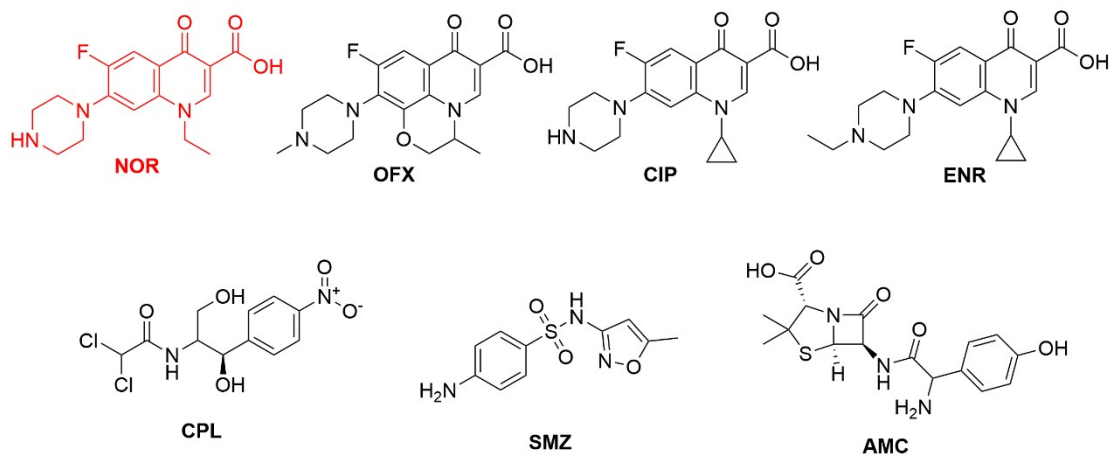


Fig. S4 The chemical structures of NOR and competitive compounds

Table S1 The adsorption parameters and constants of NOR by MIFTA.

Adsorption models	parameters / constant	R ²
Pseudo-First-Order	$k_1=0.009$ $q_e= 88.3$ mg/g	0.560
Pseudo-Second-Order	$k_2=0.007$ $q_e= 146.0$ mg/g	0.999
Langmuir	$K_L=0.053$ $q_m = 390.6$ mg/g	0.975
Freundlich	$K_F=26.8$ $1/n = 0.703$	0.960