Figure 1

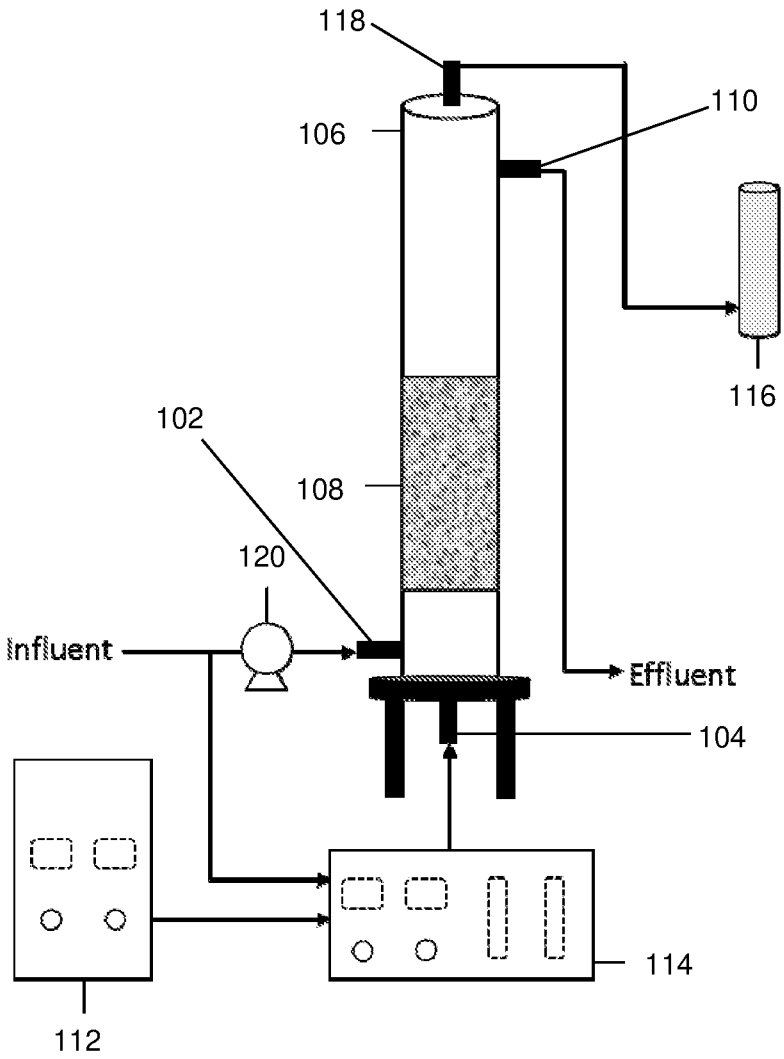


Figure 2

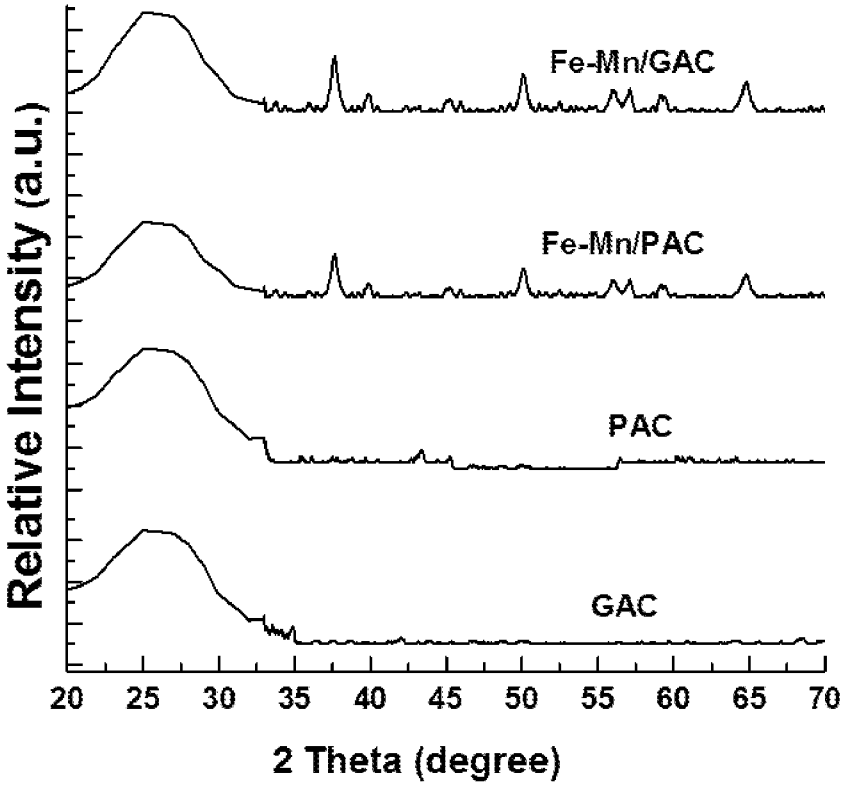


Figure 3

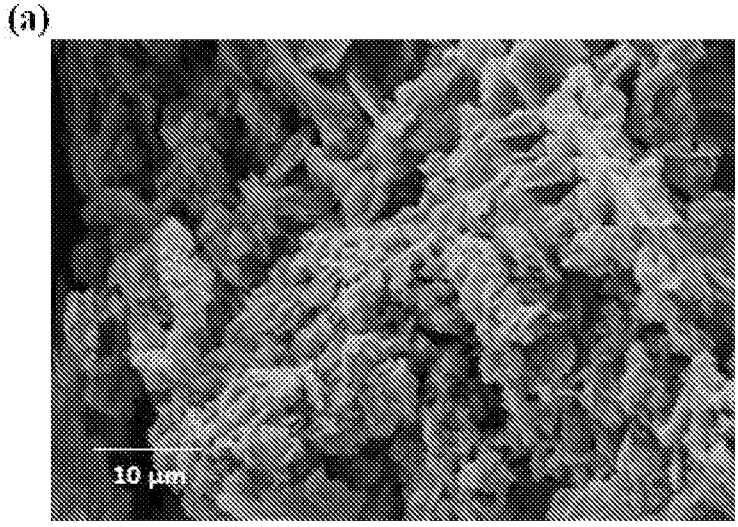
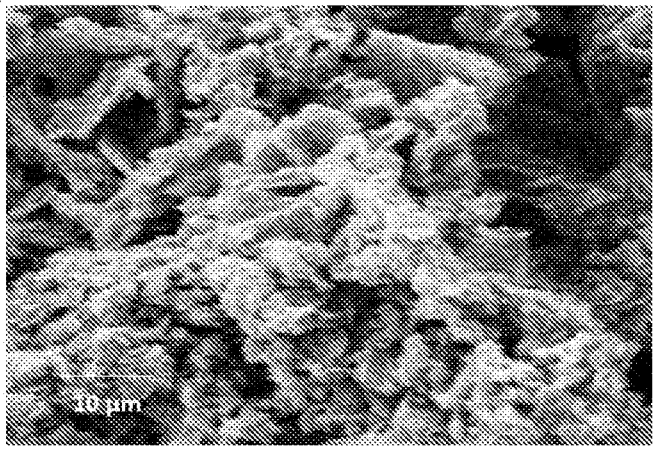
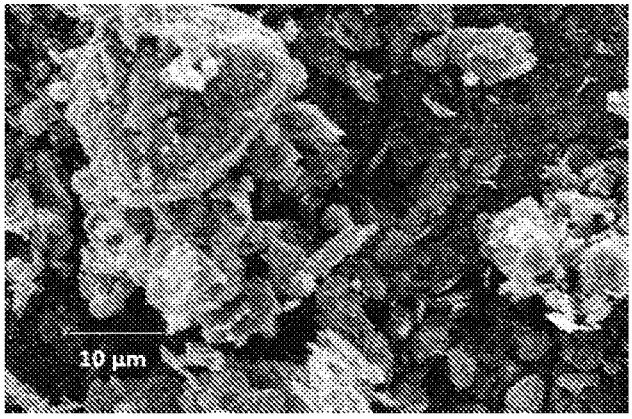


Figure 3 (continued)

(b)



(c)



(d)

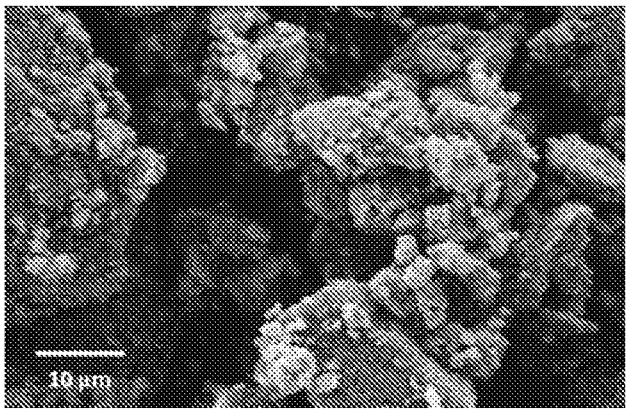


Figure 4

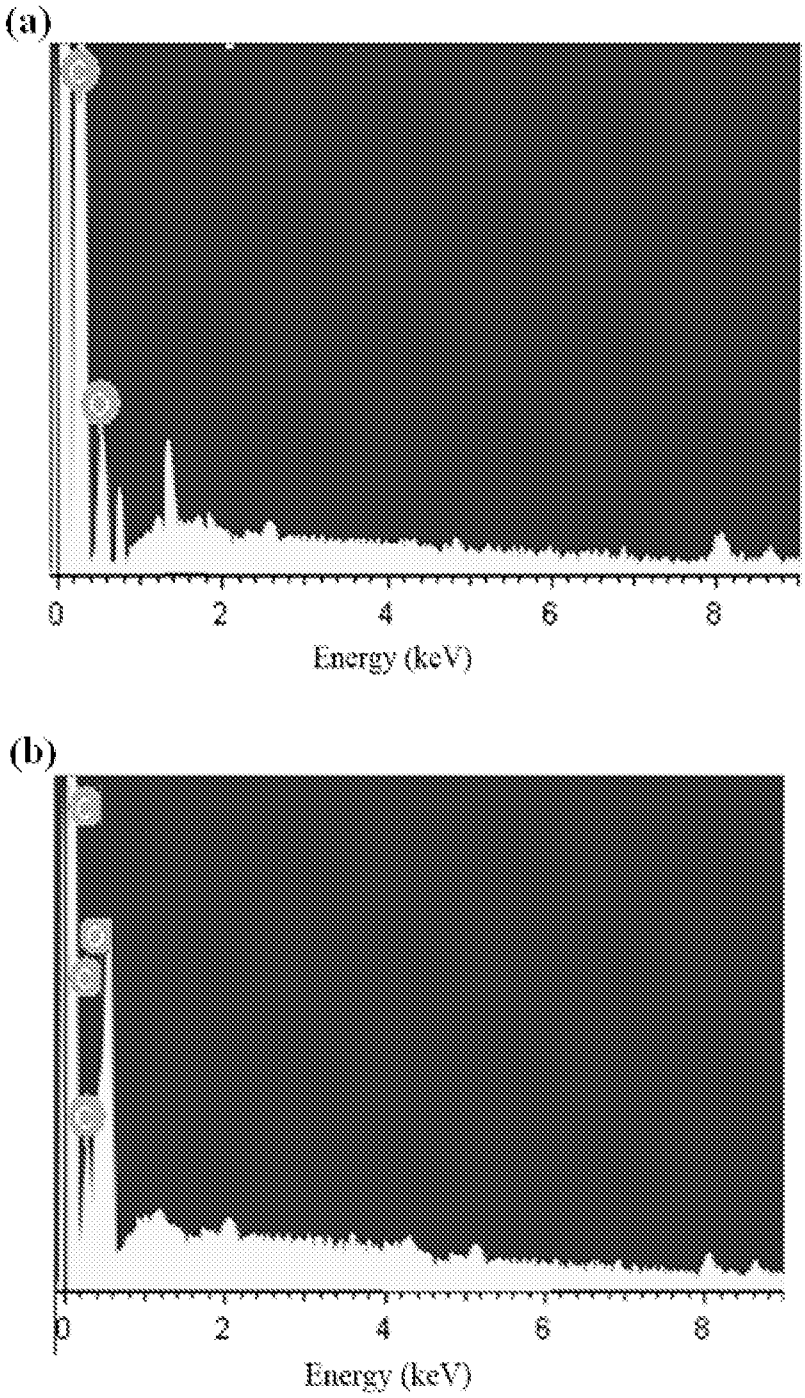
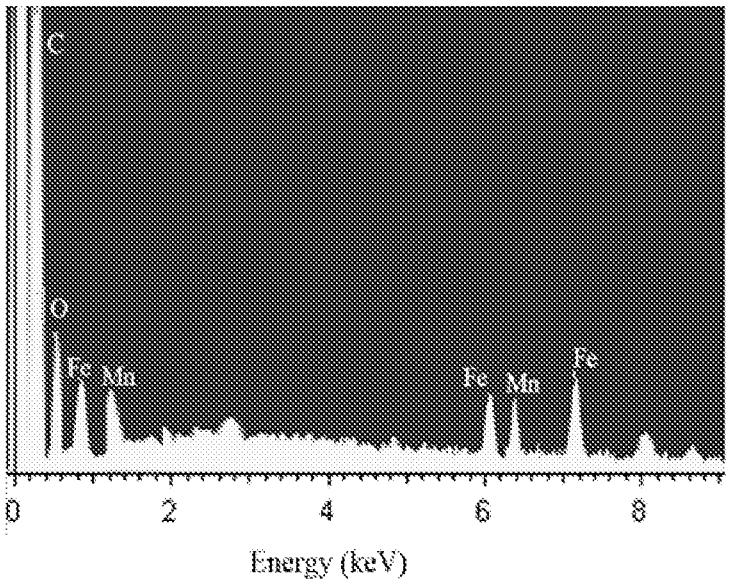


Figure 4 (continued)

(c)



(d)

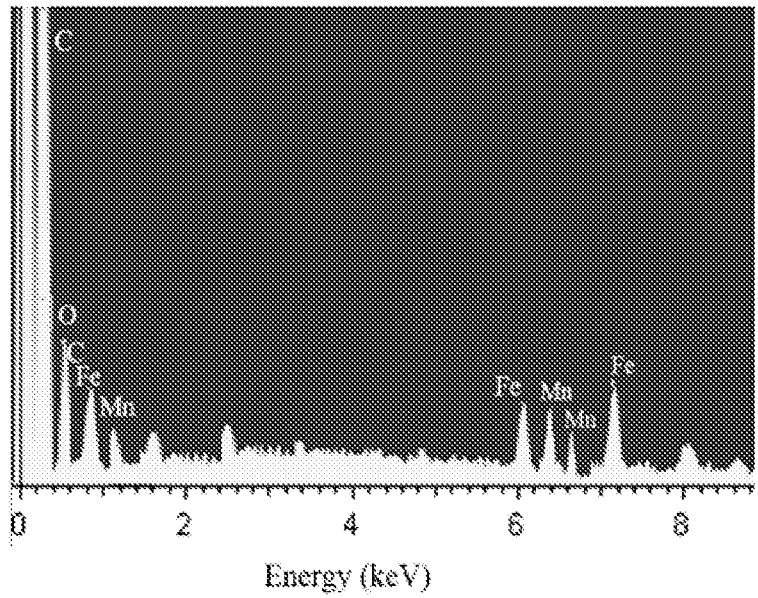


Figure 5

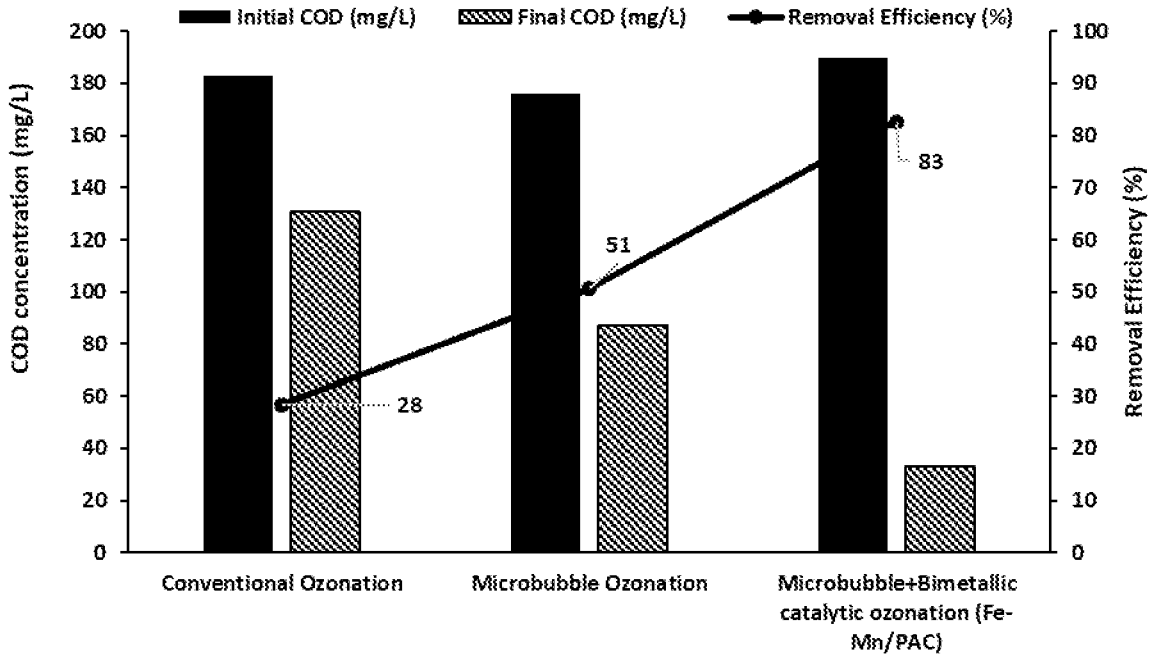


Figure 6

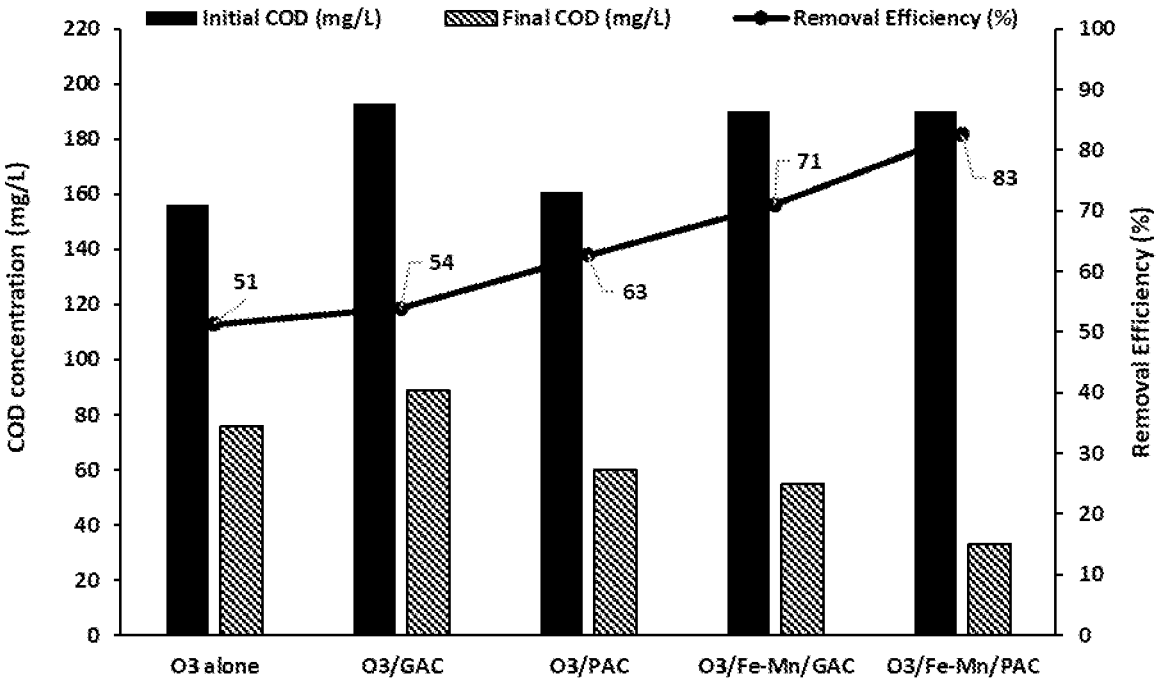


Figure 7

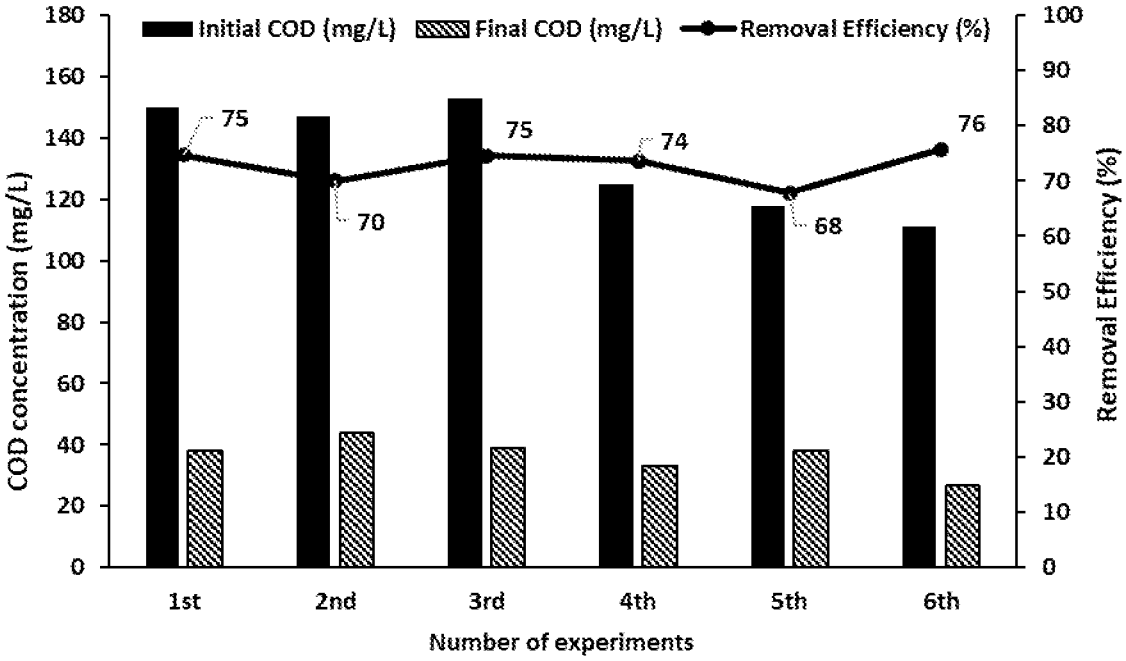


Figure 8

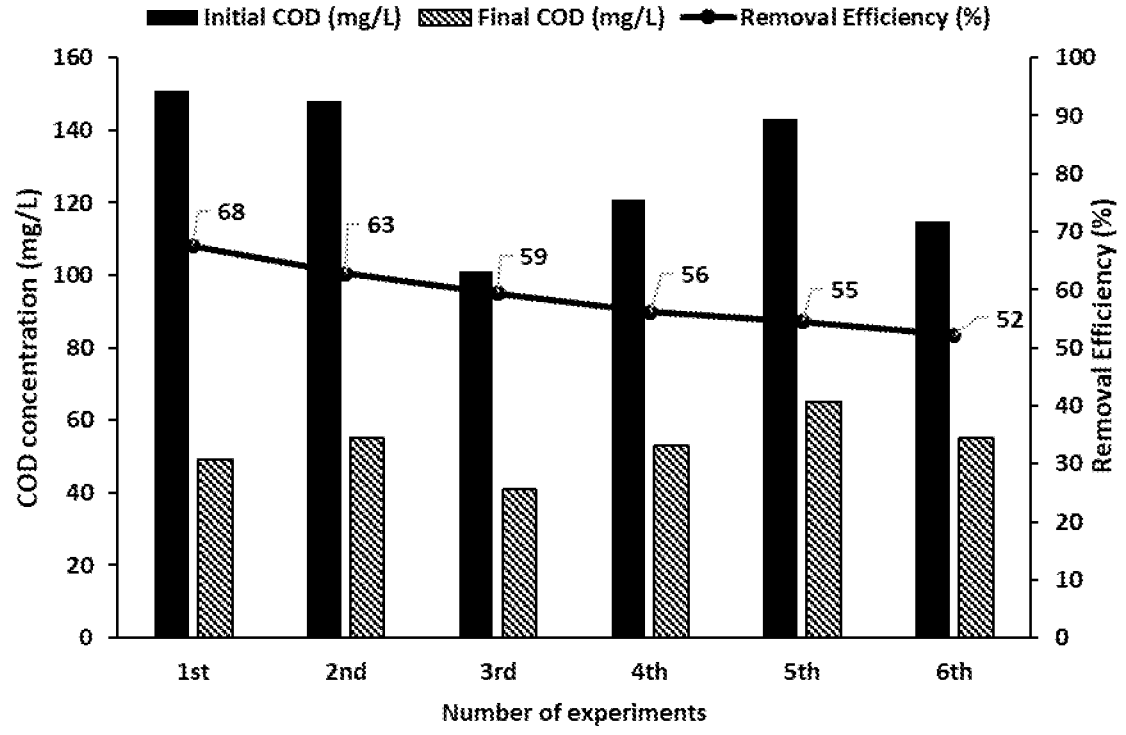
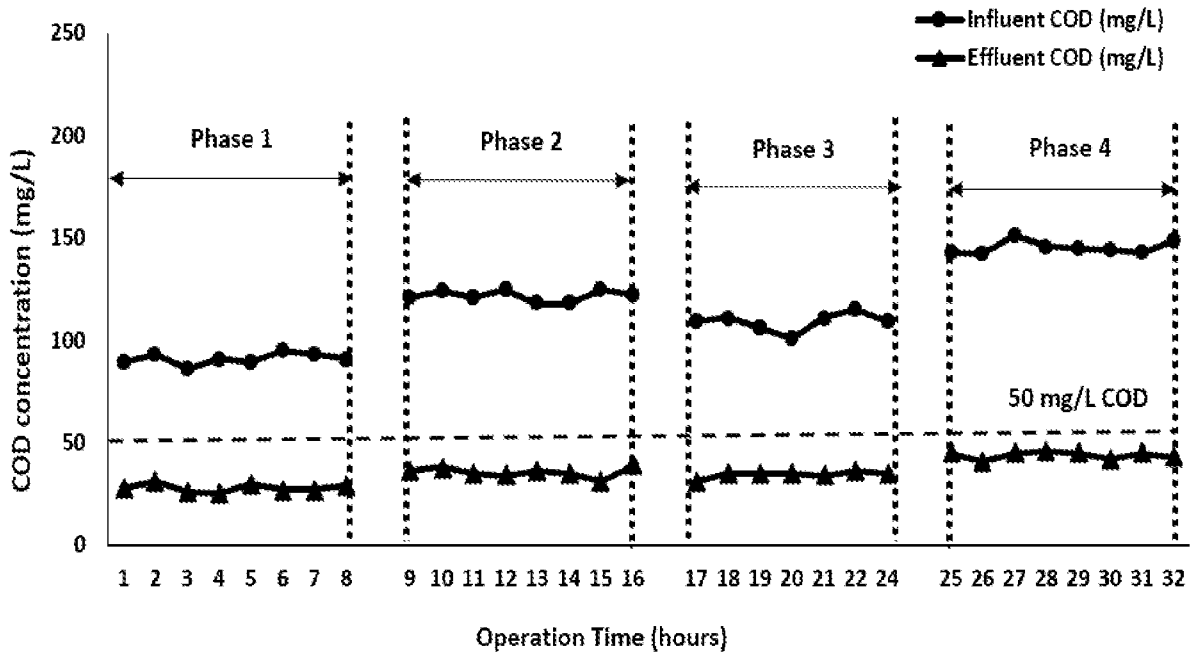


Figure 9


Influent COD (mg/L)
Effluent COD (mg/L)
Phase 1
Phase 2
Phase 3
Phase 4
50 mg/L COD
COD concentration (mg/L)
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 25 26 27 28 29 30 31 32
Operation Time (hours)