



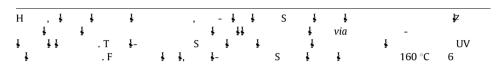
School of Chemistry and Chemical Engineering, Engineering Technology Research Center of Motive Power and Key Materials of Henan Province, Henan Normal University, Xinxiang 453007, PR China

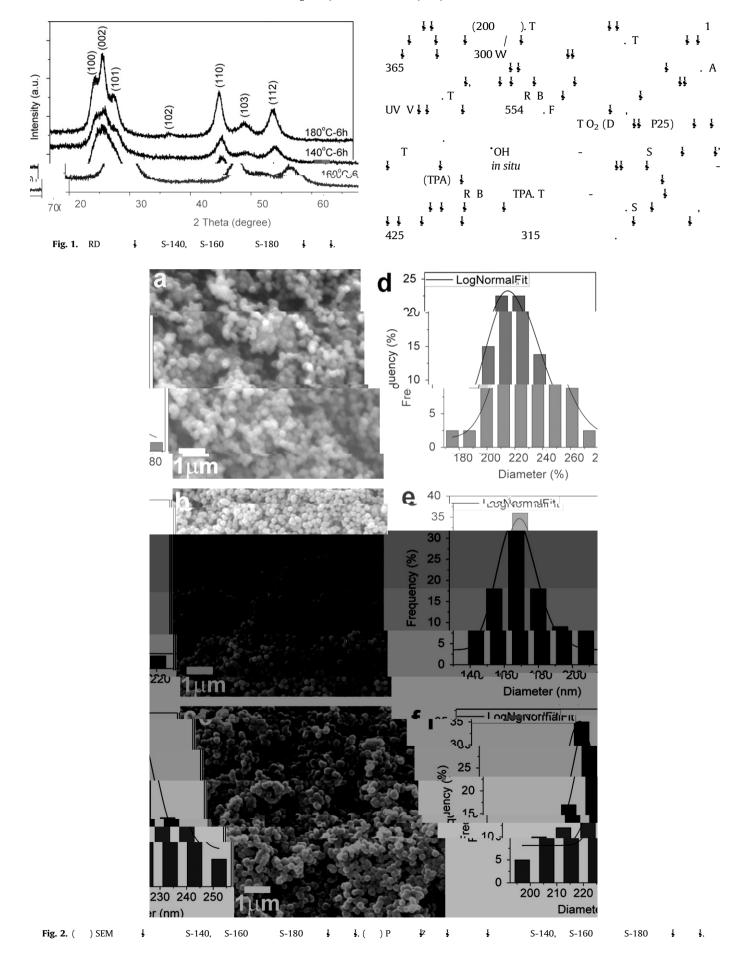
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ABSTRACT





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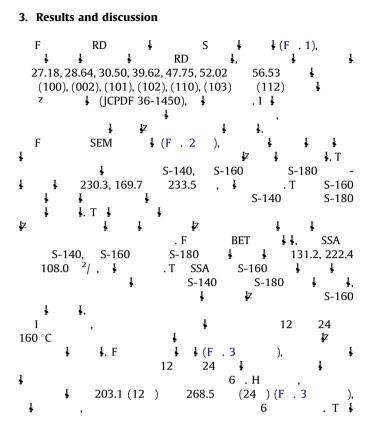
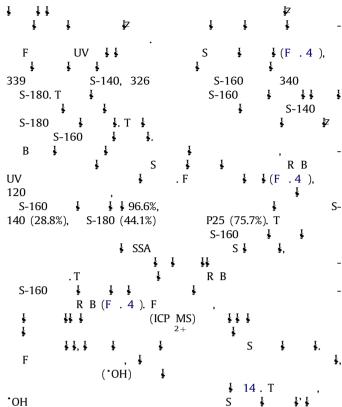
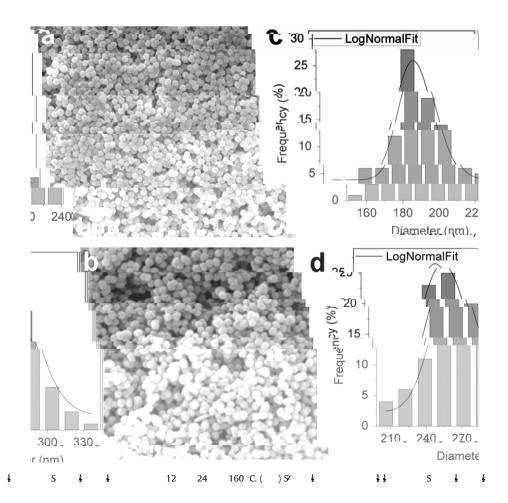
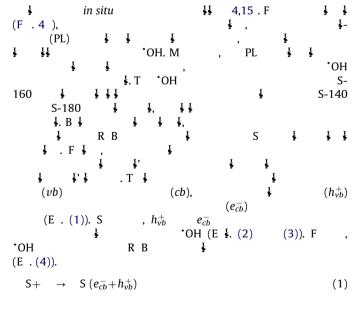


Fig. 3. () SEM

160 °C.



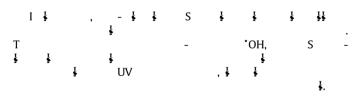




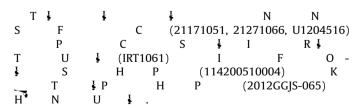
$$h_{\nu b}^+ + H_2O \rightarrow H^+ + {}^{\bullet}OH$$

$$h_{\nu b}^+ + OH^- \rightarrow COH$$

4. Conclusions



Ackno ledgments



References

(2)

(3)

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- $^{\bullet}OH+ \rightarrow$ (4)

7 C D, H F, R G, L D, M, W . N 1 12 H, W Q.C C 2010;46:8941 3. 2010;2:2062 4. H, W L, S , F Q, L, . M L 2012;74:26 9. 2004;126:6874 5. 9 G W J, T , D F, W K, M , . C I E C 2012;14:1185 8. 2000;2:207 10. 15 W, S _ C I FN. J A C S 2008;130:12566 7. 11 M M, A R, S \$\$ M. ACS A M I 2010;2:1817 23.