## **Supporting Information**

## Pyrite Transformation and Sulfur Dioxide Release during

## **Calcination of Coal Gangue**

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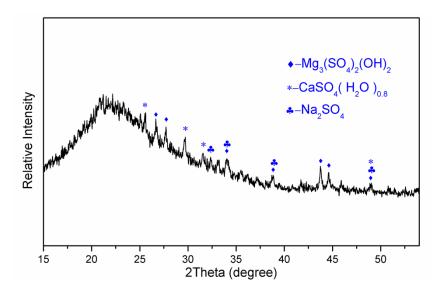


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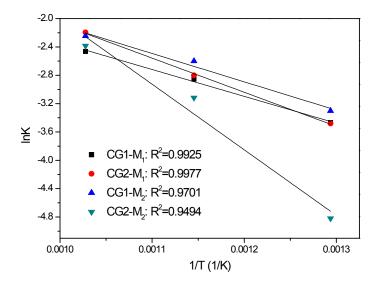


Fig. SI2. Linear fitting for calculation of E with models  $M_1$  and  $M_2$ .