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Study of CO₂ adsorption on iron oxide doped MCM-41

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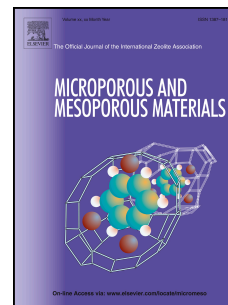
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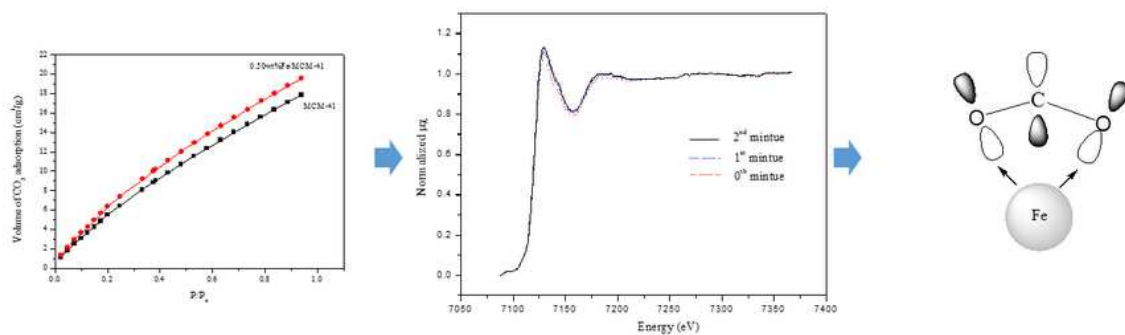
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- Increasing of CO₂ adsorption capacity upon addition of iron oxide
- White line intensities comparison indicate some electrons movement between iron oxide and adsorbed CO₂
- Enhancing of CO₂ adsorption capacity partly due to transferring of electron from iron oxide to adsorbed CO₂

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