

Received 00th January 20xx,
Accepted 00th January 20xx

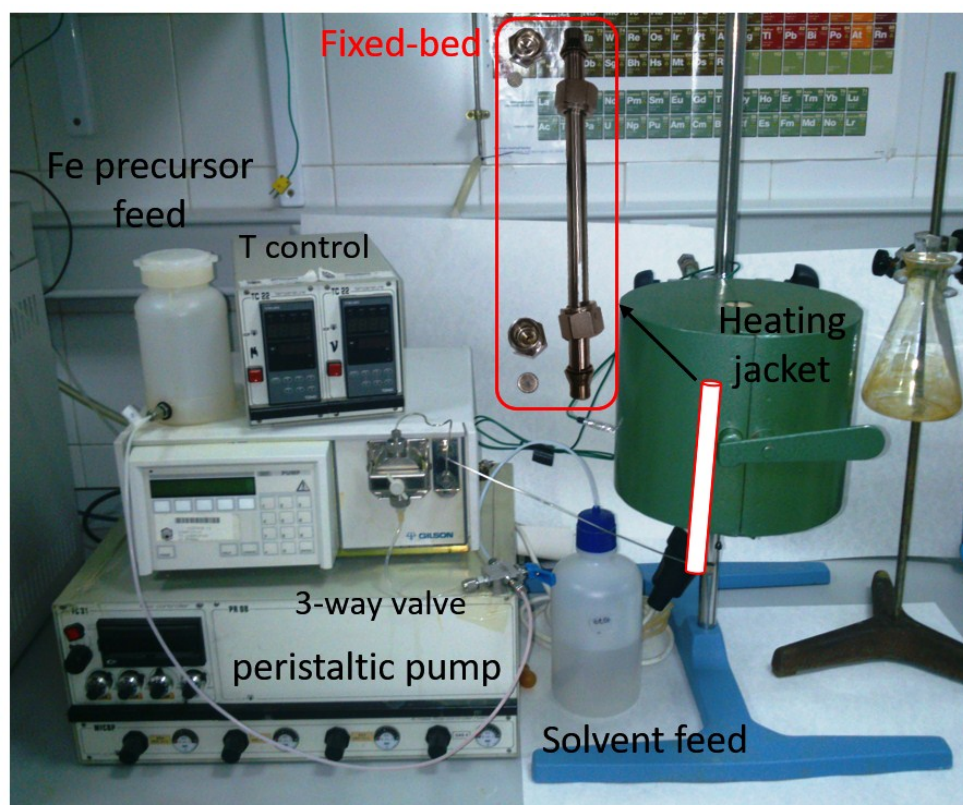
DOI: 10.1039/x0xx00000x

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A comprehensive study on the continuous flow synthesis of supported iron oxide nanoparticles on porous silicates and their catalytic applications

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Electronic Supporting Information



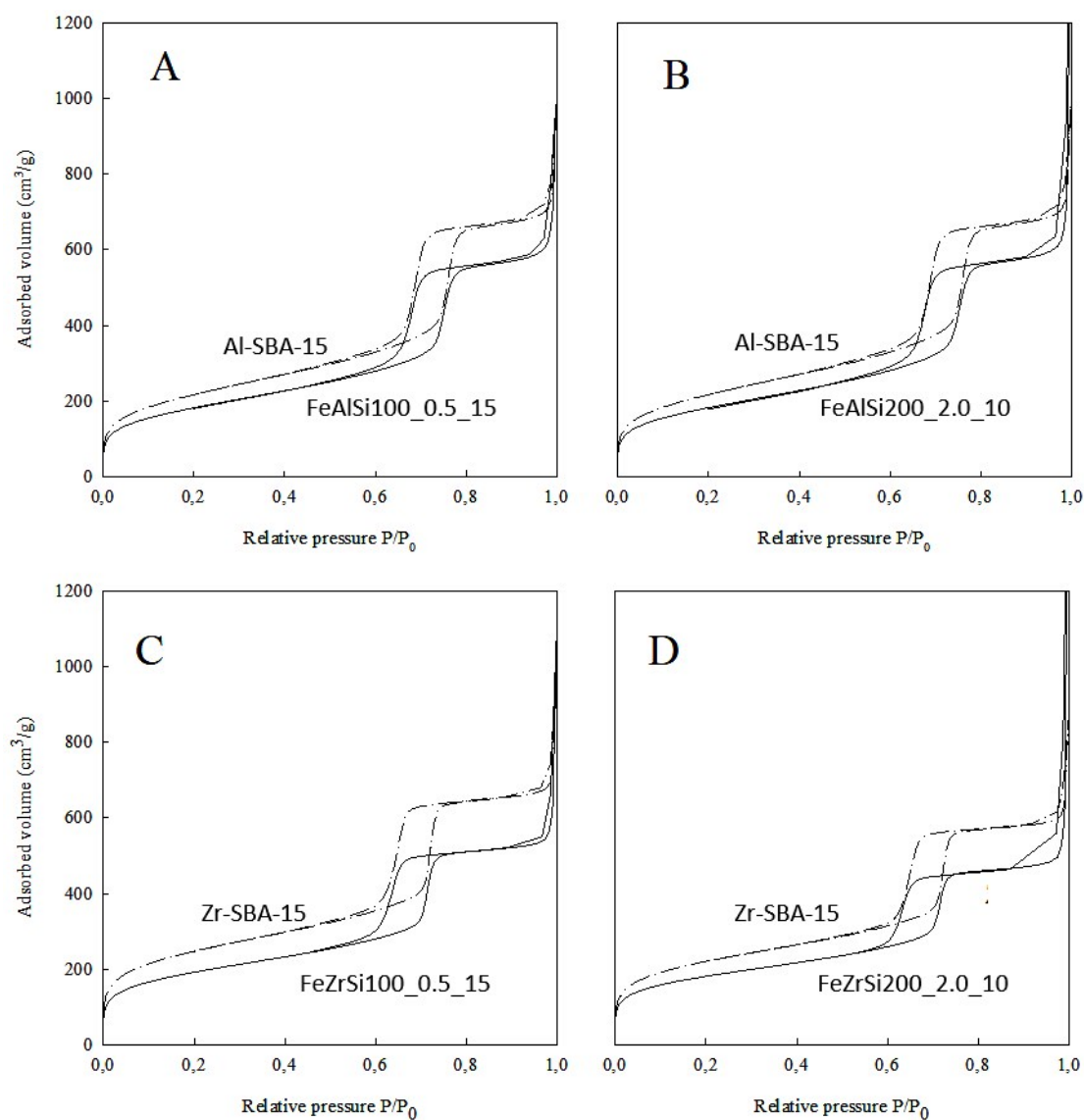
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Electronic Supplementary Information (ESI) available. See DOI: 10.1039/x0xx00000x

Figure S1. Continuous flow setup used for the deposition of iron oxide nanoparticles on porous silicates under varying conditions.**Figure S2.** Nitrogen adsorption-desorption isotherms of the porous silicates Al-SBA-15 and Zr-SBA-15 and the catalyst materials (a) FeAlSi100_0.5_15, (b) FeAlSi200_2.0_10, (c) FeZrSi100_0.5_15 and (d) FeZrSi200_2.0_10.

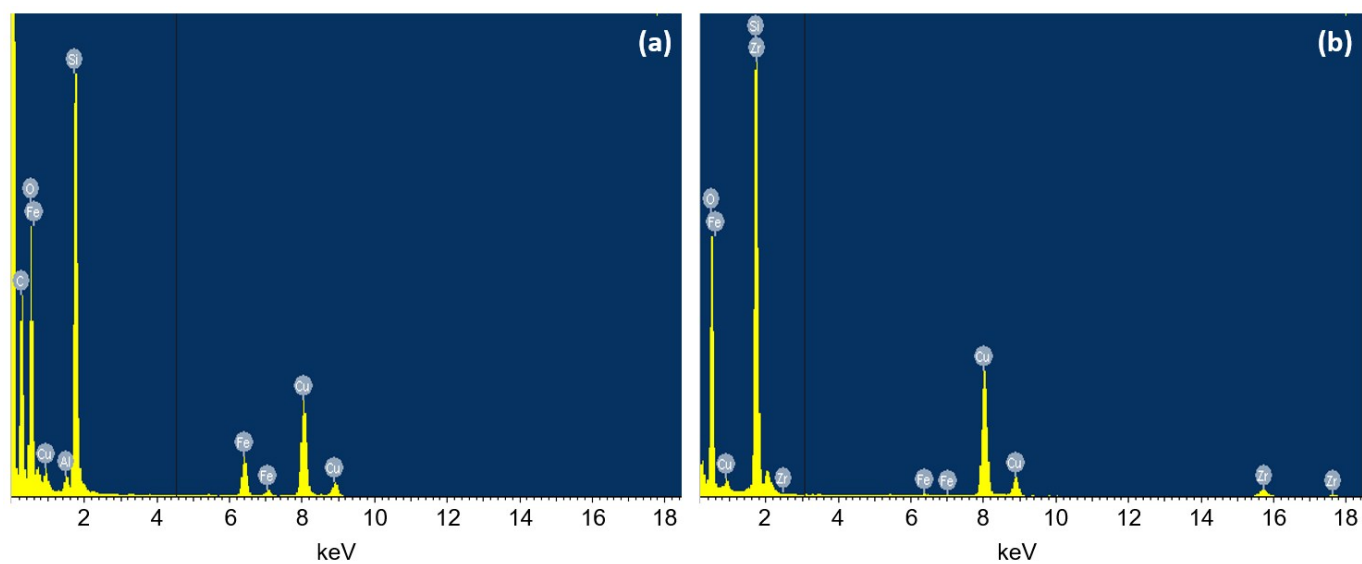


Figure S3. EDX spectra of (a) FeAlSi150_0.1_40 and (b) FeZrSi150_0.1_40 catalysts.

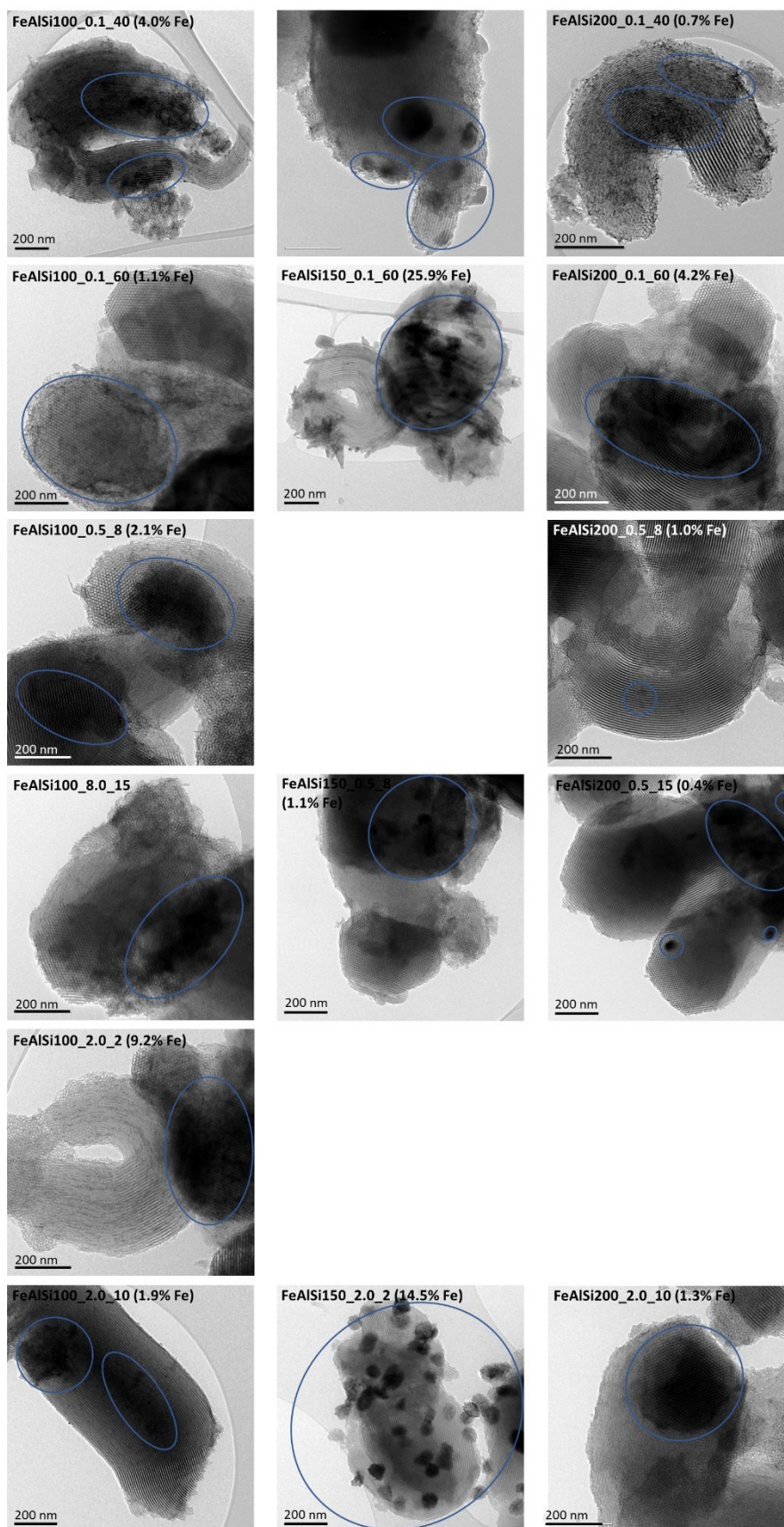


Figure S4. TEM images of FeAlSi catalysts (including their iron content based on EDX analysis) synthesized at (left) 100 °C, (centre) 150 °C and (right) 200 °C.

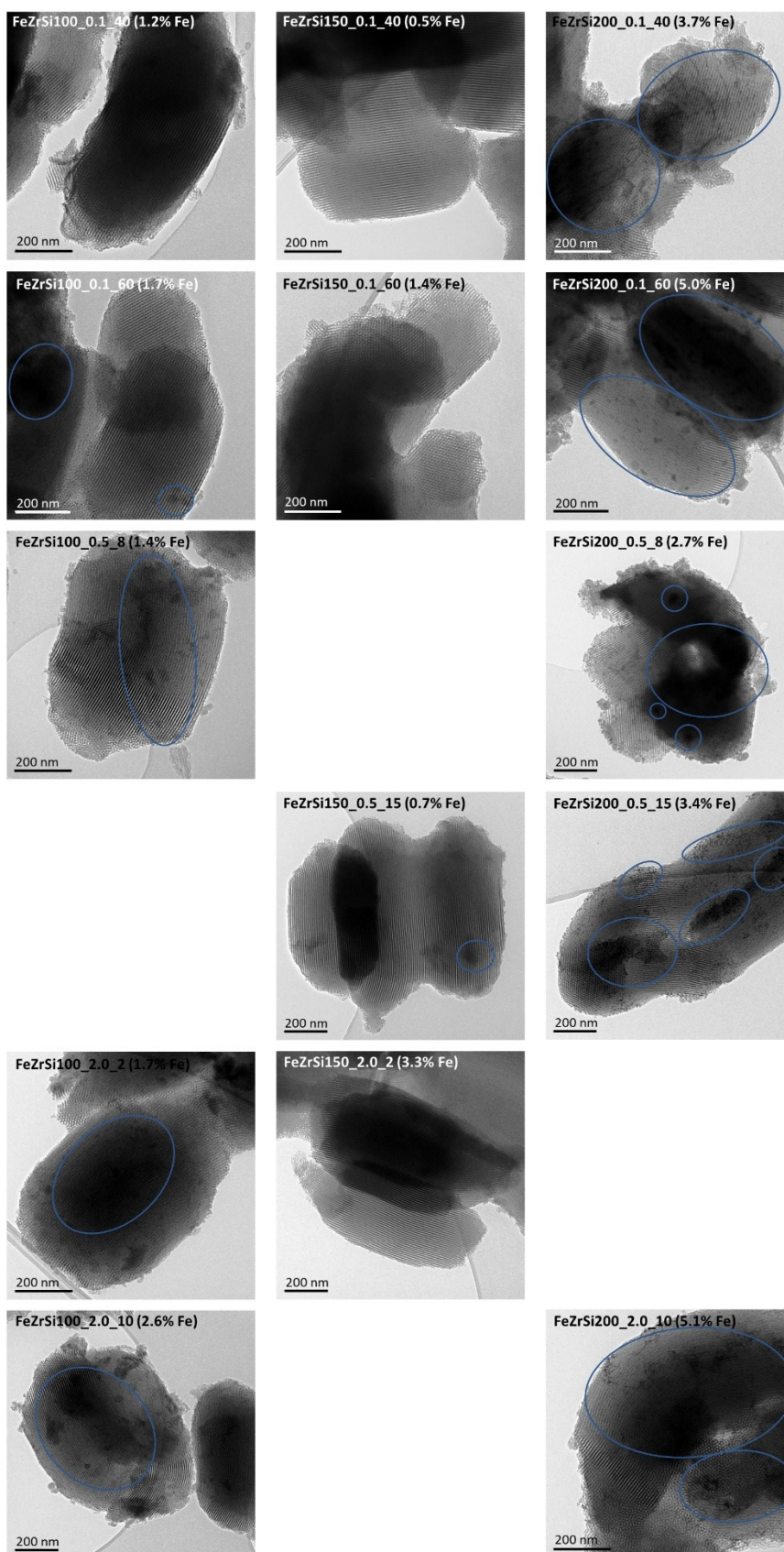


Figure S5. TEM images of FeZrSi catalysts (including their iron content based on EDX analysis) synthesized at (left) 100 °C, (centre) 150 °C and (right) 200 °C.