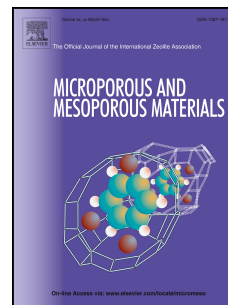


Accepted Manuscript

Ambient temperature gas phase sulfonation: A mild route towards acid functionalized ordered mesoporous organosilica

Lennart Sandbrink, Timon Lazaridis, Marcus Rose, Regina Palkovits



PII: S1387-1811(18)30162-8

DOI: [10.1016/j.micromeso.2018.03.030](https://doi.org/10.1016/j.micromeso.2018.03.030)

Reference: MICMAT 8846

To appear in: *Microporous and Mesoporous Materials*

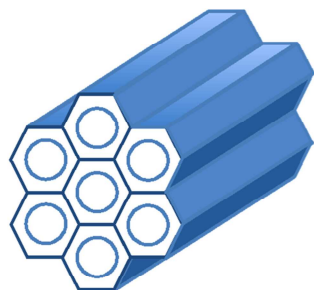
Received Date: 22 June 2016

Revised Date: 6 March 2018

Accepted Date: 26 March 2018

Please cite this article as: L. Sandbrink, T. Lazaridis, M. Rose, R. Palkovits, Ambient temperature gas phase sulfonation: A mild route towards acid functionalized ordered mesoporous organosilica, *Microporous and Mesoporous Materials* (2018), doi: 10.1016/j.micromeso.2018.03.030.

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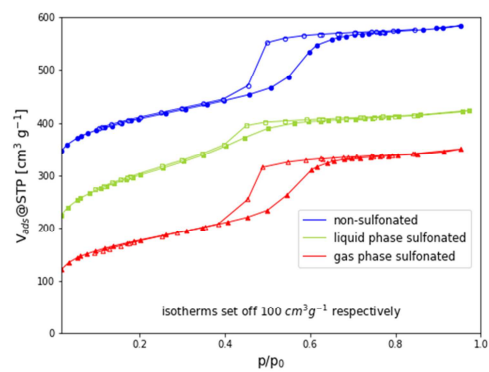


SBA-type mesoporous organosilica

Liquid phase sulfonation
Oleum 20, 100 °C, 24 h



Gas phase sulfonation
SO₃, ambient temp., 6 h



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