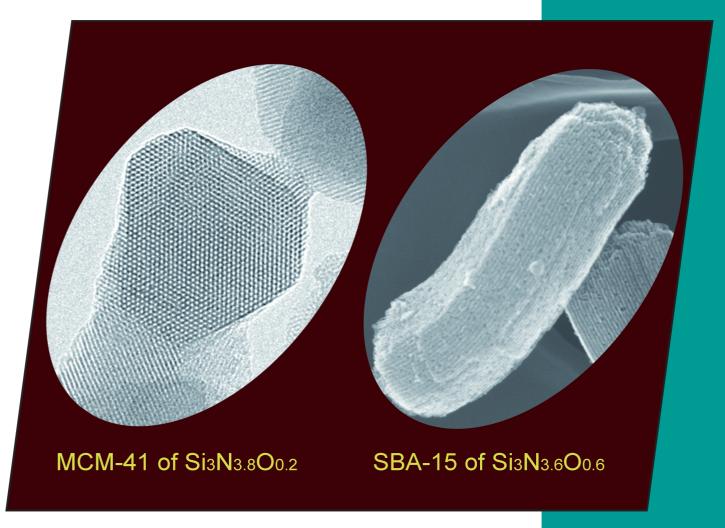


15/2010 3rd May Issue



Cover Picture

Masakazu Iwamoto et al.

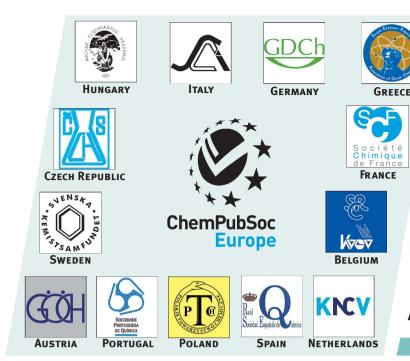
Effect of Pore Structure on the Nitridation of Mesoporous Silica with NH,



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COVER PICTURE

The cover picture shows a new family of mesoporous silicon (oxy)nitrides prepared by the nitridation of mesoporous silicas with ammonia. The (oxy)nitrides obtained maintained their respective regular pore structures. The nitrogen contents could be controlled by the amounts of ammonia supplied. The use of a plug-flow reactor instead of a usual boat-type reactor is a key to the successful synthesis of highly nitrided samples. Details are discussed in the article by M. Iwamoto et al. on p. 2235 ff.

