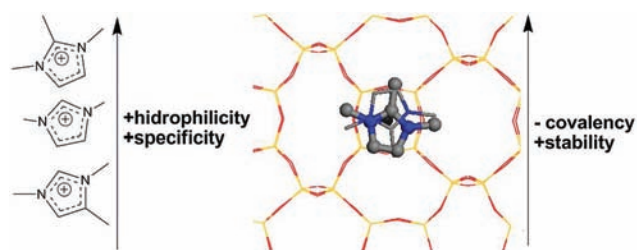


Correction to Zeolite Synthesis in Fluoride Media: Structure Direction toward ITW by Small Methylimidazolium Cations

Alex Rojas, Evangelina Martínez-Morales, Claudio M. Zicovich-Wilson, and Miguel A. Cambor*

J. Am. Chem. Soc., 2012, 134, 2255–2263 DOI:10.1021/ja209832y

Page 2255. Abstract graphic: The arrow on the right-hand side should point in the opposite direction. The correct figure is shown below:



(as correctly stated in the figure caption) and not to the minority (as the text appears to imply). The correct lines should read: “facing the 8MR windows and that in position 2 up or down slightly off [010] (Figure 4, left). However, from preliminary theoretical calculations a second orientation could also exist, with the methyl groups in positions 1 and 3 pointing up and down the [010] axis and that in position 2 pointing to the 8MR windows.”

We apologize for these mistakes, which do not affect the conclusions of the paper.

Page 2256. Some entries in Table 1 were incorrectly pasted, most importantly an entry in the last column: the output of the synthesis at $H_2O/SiO_2 = 6.5$, 3 days with 13DMI was a mixture of ITW and TON zeolites, not pure ITW. The correct Table 1 is shown below.

Page 2260, line 6. Reference to Figure 4, left is misplaced. It corresponds to the most preferred cation orientation

Table 1. Results for the Synthesis of Pure Silica Zeolites Using the Three Imidazoliums of Chart 1 at Varying Concentrations

SDA	H_2O/SiO_2	time (days)	product ^a	
123TMI	24.5	5	ITW	
		9	ITW	
		14	ITW	
	15.5	5	ITW	
		14	ITW	
		6.1	3	ITW
	134TMI	15.5	7	ITW
			9	TON + dense
			14	dense
6.1		3	TON + ITW + amorphous	
		7	ITW	
		15	ITW	
13DMI	24.5	5	amorphous	
		14	dense	
		15.5	5	TON
	6.5	15.5	9	TON
			14	TON + dense
			3	ITW + TON
		7	7	ITW
			15	ITW

^aBy XRD. “Dense” refers to a phase with an XRD pattern similar to tridymite.

Published: March 13, 2012