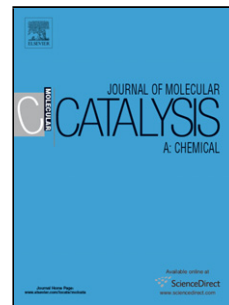


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Author: Juan F. Blandez Andrea Santiago-Portillo Sergio Navalón Mónica Giménez-Marqués Mercedes Álvaro Patricia Horcajada Hermenegildo García



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## HIGHLIGHTS

- UiO-66s with substituents on the terephthalate (H, Br, Cl, NO<sub>2</sub> and SO<sub>3</sub>H) linker were prepared.
- The reaction tested with epoxide ring opening.
- Substituted UiO-66 preserve crystallinity and do not leach Zr to the liquid phase
- The activity of substituted UiO-66 increases with substituent electron withdrawing strength
- Bromo substituted UiO-66 is the most active catalyst of the series

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