

**Title:** Benzene, Toluene, and Xylene  
Transport through UiO-66:  
Diffusion Rates, Energetics, and  
the Role of Hydrogen Bonding

**Author:** Tyler G. Grissom, Conor H.  
Sharp, Pavel M. Usov, et al

**Publication:** The Journal of Physical  
Chemistry C

**Publisher:** American Chemical Society

**Date:** Jul 1, 2018

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**Title:** Molecular-Level Insight into CO<sub>2</sub> Adsorption on the Zirconium-Based Metal-Organic Framework, UiO-66: A Combined Spectroscopic and Computational Approach

**Author:** Tyler G. Grissom, Darren M. Driscoll, Diego Troya, et al

**Publication:** The Journal of Physical Chemistry C

**Publisher:** American Chemical Society

**Date:** May 1, 2019

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**Title:** Interaction parameters for the uptake of sulfur mustard mimics into polyurethane films

**Author:** Tyler G. Grissom, Justin M. Serrine, Timothy E. Long, Alan R. Esker, John R. Morris

**Publication:** Progress in Organic Coatings

**Publisher:** Elsevier

**Date:** June 2017

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**Title:** Alkane–OH Hydrogen Bond Formation and Diffusion Energetics of n-Butane within UiO-66

**Author:** Conor H. Sharp, Joshua Abelard, Anna M. Plonka, et al

**Publication:** The Journal of Physical Chemistry C

**Publisher:** American Chemical Society

**Date:** Apr 1, 2017

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**Title:** Water Adsorption in Porous  
Metal–Organic Frameworks and  
Related Materials

**Author:** Hiroyasu Furukawa, Felipe  
Gándara, Yue-Biao Zhang, et al

**Publication:** Journal of the American  
Chemical Society

**Publisher:** American Chemical Society

**Date:** Mar 1, 2014

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**Title:** Vapor-Phase Metalation by Atomic Layer Deposition in a Metal–Organic Framework

**Author:** Joseph E. Mondloch, Wojciech Bury, David Fairen-Jimenez, et al

**Publication:** Journal of the American Chemical Society

**Publisher:** American Chemical Society

**Date:** Jul 1, 2013

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