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Publications

1. Jian Lü, Cristina Perez-Krap, Fabien Trouselet, Yong Yan , **Nada H. Alsmail**, Bahar Karadeniz, and Martin Schröder*, “Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity” *Cryst. Growth Des.* 2018, 18, 2555–2562.
2. Florian Moreau, Ivan Da Silva, **Nada H. Alsmail** et al. “Unravelling Exceptional Acetylene and Carbon Dioxide Adsorption within a Tetra-amide Functionalized Metal-Organic Framework”. 2017, *Nature communications.* 14085
3. Jian Lu, Li-Wei Han, **Nada H. Alsmail** et al. “Control of Assembly of Dihydropyridyl and Pyridyl Molecules via Directed Hydrogen Bonding” *Cryst. Growth Des.* 2015, 15, 4219–4224.
4. **Nada H. Alsmail**, Martin Schröder et al. “Analysis of High and Selective Uptake of CO₂ in an Oxamide-Containing {Cu₂(OOCR)₄}-Based Metal–Organic Framework” *Chem. Eur. J.* 2014, 20, 7317 – 7324.
5. Jian Lu, Cristina Perez-Krap, Mikhail Suyetin, **Nada H. Alsmail** and Martin Schroder, “A Robust Binary Supramolecular Organic Framework (SOF) with High CO₂ Adsorption and Selectivity” *J. Am. Chem. Soc.*, 2014, 136 (37), pp 12828–12831.

