Kiel, 03. May 2021

Guo, Mengzhi; et al. (2021): A Highly Efficient and Stable Composite of Polyacrylate and Metal-Organic Framework Prepared by Interface Engineering for Direct Air Capture

Guo, Mengzhi; Wu, Hao; Li Lv; Meng, Hong; Yun, Jimmy; Jin, Junsu; Mi, Jianguo (2021): A Highly Efficient and Stable Composite of Polyacrylate and Metal-Organic Framework Prepared by Interface Engineering for Direct Air Capture. In ACS Appl. Mater. Interfaces. DOI: 10.1021/acsami.1c03661.

"We present a kilogram-scale experiment for assessing the prospects of a novel composite material of metal–organic framework (MOF) and polyacrylates (PA), namely NbOFFIVE-1-Ni@PA, for trace CO₂ capture."

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Linked to: Carbon Dioxid Removal , Direct Air Capture

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