Research outputs:

Highly localized H2O librational motion as a far-infrared spectroscopic probe for microsolvation of organic molecules
Research output: Research - peer-review › Journal article – Annual report year: 2019

THz spectroscopy of weakly bound cluster molecules in solid para-hydrogen: a sensitive probe of van der Waals interactions
Research output: Research - peer-review › Journal article – Annual report year: 2019

High-resolution synchrotron terahertz investigation of the large-amplitude hydrogen bond librational band of (HCN)2
Research output: Research - peer-review › Journal article – Annual report year: 2018

Infrared Spectroscopy for the Investigation of Molecular Association Mechanisms and the Fast Screening of Petroleum Fluid Constituents
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Probing the global potential energy minimum of (CH2O)2: THz absorption spectrum of (CH2O)2 in solid neon and para-hydrogen
Research output: Research - peer-review › Journal article – Annual report year: 2017

Projects:

Investigations of Compositions and Fluid-Fluid Association Mechanisms for Petroleum Fluids
Project: PhD