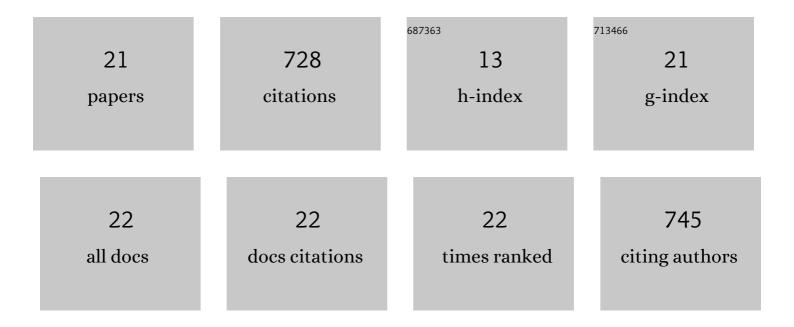
Michael Holmboe

List of Publications by Year in descending order

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| # | Article | lF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nanoscale Hydration in Layered Manganese Oxides. Langmuir, 2021, 37, 666-674. | 3.5 | 16 |
| 2 | Polyoxometalates as Effective Nano-inhibitors of Amyloid Aggregation of Pro-inflammatory S100A9 Protein Involved in Neurodegenerative Diseases. ACS Applied Materials & Interfaces, 2021, 13, 26721-26734. | 8.0 | 15 |
| 3 | Tracking mineral and geochemical characteristics of Holocene lake sediments: the case of Hotagen, west-central Sweden. Journal of Soils and Sediments, 2021, 21, 3150-3168. | 3.0 | 9 |
| 4 | Polyoxoniobates as molecular building blocks in thin films. Dalton Transactions, 2021, 50, 16030-16038. | 3.3 | 2 |
| 5 | Geochemical identification of potential DNA-hotspots and DNA-infrared fingerprints in lake sediments. Applied Geochemistry, 2020, 122, 104728. | 3.0 | 19 |
| 6 | Deconvolution of Smectite Hydration Isotherms. ACS Earth and Space Chemistry, 2019, 3, 2490-2498. | 2.7 | 13 |
| 7 | Residence times of nanoconfined CO2 in layered aluminosilicates. Environmental Science: Nano, 2019, 6, 146-151. | 4.3 | 8 |
| 8 | atom: A MATLAB PACKAGE FOR MANIPULATION OF MOLECULAR SYSTEMS. Clays and Clay Minerals, 2019, 67, 419-426. | 1.3 | 4 |
| 9 | Cohesive Vibrational and Structural Depiction of Intercalated Water in Montmorillonite. ACS Earth and Space Chemistry, 2018, 2, 38-47. | 2.7 | 26 |
| 10 | Atomistic simulations of cation hydration in sodium and calcium montmorillonite nanopores. Journal of Chemical Physics, 2017, 147, 084705. | 3.0 | 22 |
| 11 | Partitioning into Colloidal Structures of Fasted State Intestinal Fluid Studied by Molecular Dynamics Simulations. Langmuir, 2016, 32, 12732-12740. | 3.5 | 19 |
| 12 | Structure and Mobility of Lactose in Lactose/Sodium Montmorillonite Nanocomposites. Langmuir, 2016, 32, 13214-13225. | 3.5 | 12 |
| 13 | Molecular Dynamics Simulations of Anion Exclusion in Clay Interlayer Nanopores. Clays and Clay Minerals, 2016, 64, 374-388. | 1.3 | 61 |
| 14 | Ion adsorption and diffusion in smectite: Molecular, pore, and continuum scale views. Geochimica Et Cosmochimica Acta, 2016, 177, 130-149. | 3.9 | 97 |
| 15 | Molecular Dynamics Simulations of Water and Sodium Diffusion in Smectite Interlayer Nanopores as a Function of Pore Size and Temperature. Journal of Physical Chemistry C, 2014, 118, 1001-1013. | 3.1 | 149 |
| 16 | Influence of Î ³ -radiation on the reactivity of montmorillonite towards H2O2. Radiation Physics and Chemistry, 2012, 81, 190-194. | 2.8 | 24 |
| 17 | Porosity investigation of compacted bentonite using XRD profile modeling. Journal of Contaminant Hydrology, 2012, 128, 19-32. | 3.3 | 151 |
| 18 | Effects of the injection grout Silica sol on bentonite. Physics and Chemistry of the Earth, 2011, 36, 1580-1589. | 2.9 | 8 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effect of \hat{I}^3 -radiation on radionuclide retention in compacted bentonite. Radiation Physics and Chemistry, 2011, 80, 1371-1377. | 2.8 | 29 |
| 20 | Colloid Diffusion in Compacted Bentonite: Microstructural Constraints. Clays and Clay Minerals, 2010, 58, 532-541. | 1.3 | 10 |
| 21 | Effects of γ-irradiation on the stability of colloidal Na+-Montmorillonite dispersions. Applied Clay Science, 2009, 43, 86-90. | 5.2 | 34 |