Resource Summary Report

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Delft High Performance Computing Centre Core Facility

RRID:SCR_025749
Type: Tool

Proper Citation

Delft High Performance Computing Centre Core Facility (RRID:SCR_025749)

Resource Information

URL: https://www.tudelft.nl/dhpc

Proper Citation: Delft High Performance Computing Centre Core Facility (RRID:SCR_025749)

Description: Provides computational services including hardware, software and expertise for complex analysis and modelling .

Abbreviations: DHPC

Synonyms: Delft High Performance Computing Centre (DHPC), , Delft High Performance Computing Centre, Delft University of Technology High Performance Computing Centre

Resource Type: service resource, access service resource, core facility

Keywords: High performance computing, computational services, DelftBlue supercomputer,

Resource Name: Delft High Performance Computing Centre Core Facility

Resource ID: SCR_025749

Alternate URLs: https://www.tudelft.nl/dhpc/ark:/44463/DelftBluePhase2

Record Creation Time: 20240919T053245+0000

Record Last Update: 20260804T043911+0000

Ratings and Alerts

No rating or validation information has been found for Delft High Performance Computing Centre Core Facility.

No alerts have been found for Delft High Performance Computing Centre Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Assaf EI, et al. (2025) Improving the prediction of bitumen's density and thermal expansion by optimizing artificial neural networks with Optuna and TensorFlow. MethodsX, 15, 103524.

Rahbari A, et al. (2025) Molecular Simulation of Hydrogen Systems: From Properties and Methods to Applications and Future Directions. Chemical reviews, 125(24), 11878.

Landgraf V, et al. (2025) Compositional flexibility in irreducible antifluorite electrolytes for next-generation battery anodes. Journal of materials chemistry. A, 13(5), 3562.

Loonen S, et al. (2025) Phosphorylation Changes SARS-CoV-2 Nucleocapsid Protein's Structural Dynamics and Its Interaction With RNA. Proteins, 93(10), 1701.

Sharma S, et al. (2024) Prediction of Thermochemical Properties of Long-Chain Alkanes Using Linear Regression: Application to Hydroisomerization. The journal of physical chemistry. B, 128(39), 9619.

Lavrinenko AK, et al. (2024) Optimizing ionic transport in argyrodites: a unified view on the role of sulfur/halide distribution and local environments. Journal of materials chemistry. A, 12(39), 26596.

Polat HM, et al. (2024) Diffusivity of CO2 in H2O: A Review of Experimental Studies and Molecular Simulations in the Bulk and in Confinement. Journal of chemical and engineering data, 69(10), 3296.