

Resource Summary Report

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United States Department of Energy

RRID:SCR_012841

Type: Tool

Proper Citation

United States Department of Energy (RRID:SCR_012841)

Resource Information

URL: <http://www.energy.gov/>

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Description: The mission of the Department of Energy is to ensure America's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions. Goal 1: Transform our Energy Systems - Catalyze the timely, material, and efficient transformation of the nation's energy system and secure U.S. leadership in clean energy technologies. Goal 2: The Science and Engineering Enterprise - Maintain a vibrant U.S. effort in science and engineering as a cornerstone of our economic prosperity, with clear leadership in strategic areas. Goal 3: Secure Our Nation - Enhance nuclear security through defense, nonproliferation, and environmental efforts. Goal 4: Management and Operational Excellence - Establish an operational and adaptable framework that combines the best wisdom of all Department stakeholders to maximize mission success.

Abbreviations: DOE

Synonyms: US Department of Energy, U.S. Department of Energy, Department of Energy, U.S. DOE, US DOE

Resource Type: institution

Resource Name: United States Department of Energy

Resource ID: SCR_012841

Alternate IDs: nlx_86742, grid.85084.31, Wikidata: Q217810, ISNI: 123423717, Crossref funder ID: 100000015

Alternate URLs: <https://ror.org/01bj3aw27>

Record Creation Time: 20220129T080312+0000

Ratings and Alerts

No rating or validation information has been found for United States Department of Energy.

No alerts have been found for United States Department of Energy.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 74 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Sasieta M, et al. (2026) Interior Microstates and Black Hole Entropy. Entropy (Basel, Switzerland), 28(4).

Chen X, et al. (2026) High Terpene Production in Myrtaceae: Evolutionary Insights from Terpene Pathway Genes. Plants (Basel, Switzerland), 15(9).

Fang C, et al. (2026) Barcode activity in a recurrent network model of the hippocampus enables efficient memory binding. eLife, 14.

Carrillo A, et al. (2026) Sub-daily virus sampling at the Bermuda Atlantic Time Series reveals diel and depth-structured population dynamics without community-level shifts. PLoS biology, 24(3), e3003474.

Havenridge S, et al. (2026) Exploration of the Electronic and Catalytic Properties of [Co₅MS₈(PEt₃)₅]¹⁺ Nanoclusters: A Computational Study. Nanomaterials (Basel, Switzerland), 16(10).

Sharafi SM, et al. (2026) Control of Microstructure, Trap Levels, and Trap Distribution in HfO₂ Films Grown by Atomic Layer Deposition. Nanomaterials (Basel, Switzerland), 16(8).

Schultz SJ, et al. (2026) Purification of Actinium-225 from Thorium via Selective Precipitation. Molecules (Basel, Switzerland), 31(12).

Ramesh R, et al. (2026) Thermal Conductivity in Nanoporous Aerogels: A Critical Review of Gas and Solid Conduction Models and Structure-Property Relations. Gels (Basel, Switzerland), 12(4).

Hasan MR, et al. (2026) A MEMS Microbolometer-Based ATR Mid-Infrared Sensor for Direct Dissolved CO₂ Detection and UV-Induced Sediment Carbon Assay in Aquatic Environments. Sensors (Basel, Switzerland), 26(9).

Steensma AK, et al. (2025) Modeling with uncertainty quantification reveals the essentials of a non-canonical algal carbon-concentrating mechanism. *Plant physiology*, 197(2).

Rasoulimehrabani H, et al. (2025) Lactulose selectively stimulates members of the gut microbiota, as determined by multi-modal activity-based sorting. *Gut microbes*, 17(1), 2525482.

Birzu G, et al. (2025) Hybridization breaks species barriers in long-term coevolution of a cyanobacterial population. *eLife*, 12.

Shatadru RN, et al. (2025) Benchmarking with synthetic communities provides a baseline for virus-host inferences from Hi-C proximity linking. *PLoS biology*, 23(11), e3003510.

Jaswal AP, et al. (2025) Targeting Tumor-Infiltrating Immune Cells for Targeted Alpha Therapy in Gliomas: Optimization of [225Ac]Ac-DOTA-??CD11b Dosing through PET Imaging. *Molecular cancer therapeutics*, 24(12), 1948.

Parra AS, et al. (2024) The RNA-binding protein Modulo promotes neural stem cell maintenance in *Drosophila*. *PloS one*, 19(12), e0309221.

Weber D, et al. (2023) Climate change alters slug abundance but not herbivory in a temperate grassland. *PloS one*, 18(3), e0283128.

Tkachenko N, et al. (2023) Global database of cement production assets and upstream suppliers. *Scientific data*, 10(1), 696.

Bolhuis DL, et al. (2023) Crystal structure of the *Arabidopsis* SPIRAL2 C-terminal domain reveals a p80-Katanin-like domain. *PloS one*, 18(12), e0290024.

Long Z, et al. (2022) Protocol for synthesis and characterization of ePTFE reinforced, sulfonated polyphenylene in the application to proton exchange membrane fuel cells. *STAR protocols*, 3(1), 101049.

Schwatka NV, et al. (2021) Development and validation of a diabetes risk score among two populations. *PloS one*, 16(1), e0245716.