Resource Summary Report

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Northwestern University Pulsed Laser Deposition Core Facility

RRID:SCR_017889
Type: Tool

Proper Citation

Northwestern University Pulsed Laser Deposition Core Facility (RRID:SCR_017889)

Resource Information

URL: http://sites.northwestern.edu/pldcore/

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Description: Core provides means to grow thin films of metals and metal oxides. Facility contains two state of art deposition chambers PVD PLD/MBE 2300 and a PVD nanoPLD 1000. PLD provides convenient way to make thin films of materials heretofore studied in bulk by pressing and sintering target from bulk material; facilities are available at Northwestern for pressing and sintering of targets.

Abbreviations: PLD

Synonyms: Pulsed Laser Deposition

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

Keywords: Grow, thin, film, metal, oxide, pulsed, laser, deposition, service, core, ABRF

Funding: DMR 1720139;
NSF ECCS 1542205

Availability: Open

Resource Name: Northwestern University Pulsed Laser Deposition Core Facility

Resource ID: SCR_017889

Alternate IDs: ABRF_746

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260919T195933+0000

Ratings and Alerts

No rating or validation information has been found for Northwestern University Pulsed Laser Deposition Core Facility.

No alerts have been found for Northwestern University Pulsed Laser Deposition Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Donahue CM, et al. (2026) Direct in situ detection of grain boundary reduction in nanocrystalline ceria. Physical chemistry chemical physics : PCCP, 28(6), 4314.