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UNIVERSITÀ DEL PIEMONTE ORIENTALE

**INAIL**

## **Risorse open access per la ricerca scientifica Inail**

Patrizia De Cillis

Gruppo di Ricerca Inail

P. De Cillis, R. Modestino, A. Nebbioso, L. Ricciardi

La promozione dell'Open Science  
webinar - 16 dicembre 2024

Dipartimento innovazioni tecnologiche e sicurezza degli impianti prodotti e insediamenti antropici

# OPEN ACCESS

Promuove la condivisione e la diffusione del sapere scientifico attraverso il libero accesso senza barriere ai risultati della ricerca scientifica



- politiche della Commissione Europea (programmi quadro, direttive, raccomandazioni)
- provvedimenti normativi nazionali
- policy di organizzazioni, di università ed enti di ricerca nazionali ed internazionali

# RISORSE OPEN ACCESS IN RETE

**Banche dati**

**Periodici elettronici**

**Directory**



**Banche dati open access**

# arXiv

[arXiv.org](http://arXiv.org) e-Print archive

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## Soggetto:

Fisica; Matematica; Informatica; Statistica; Biologia

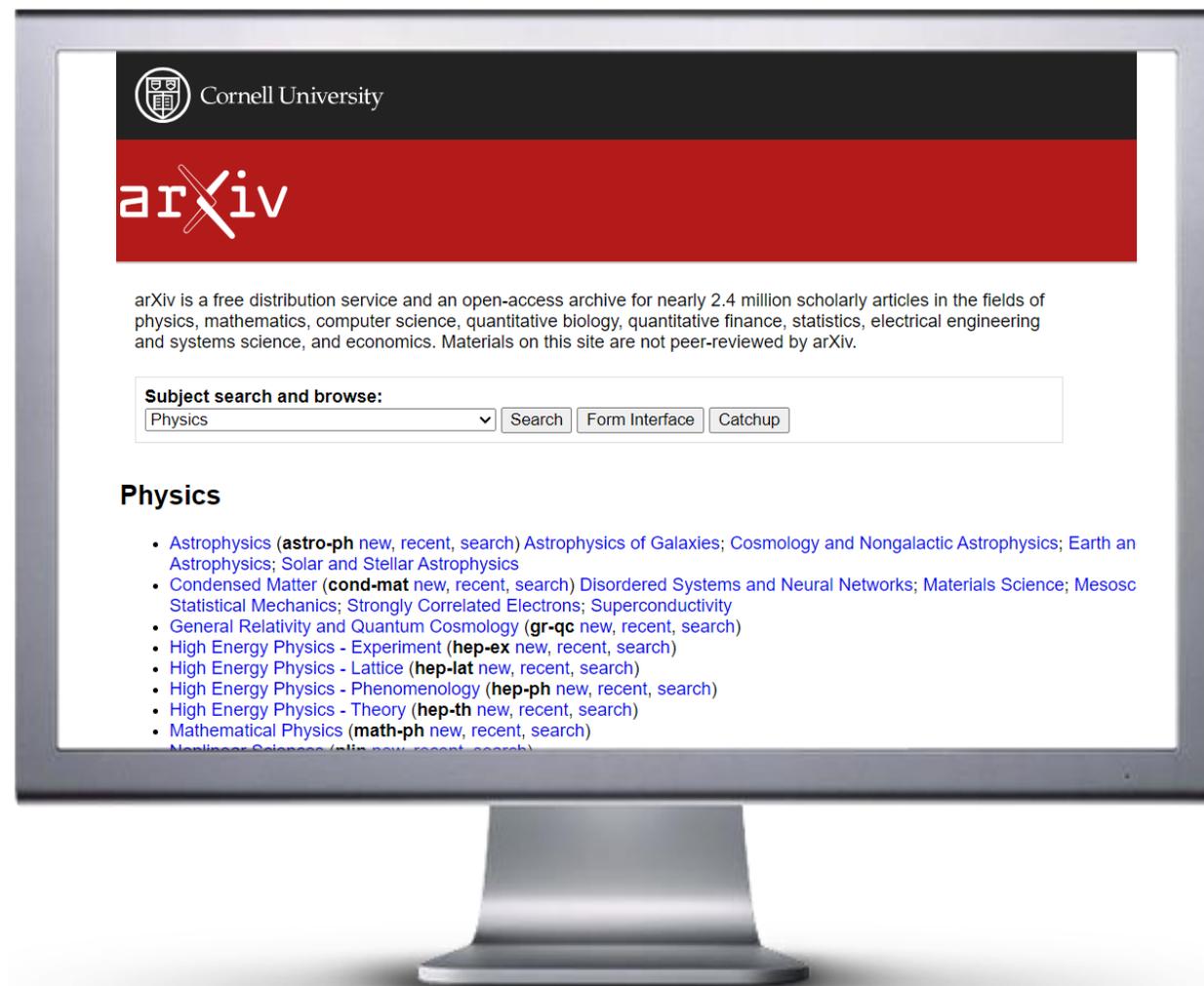
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**Lingua:** inglese

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## Descrizione

Primo archivio open access creato nel 1991. Banca dati di pubblicazioni scientifiche ad accesso libero nel campo della fisica, della matematica, dell'informatica, della statistica e della biologia quantitativa. A cura della Cornell University Library Include preprint. La grande diffusione degli articoli in ArXiv scoraggia il plagio e la frode, mentre un sistema di endorsement certifica che l'autore faccia parte della comunità.



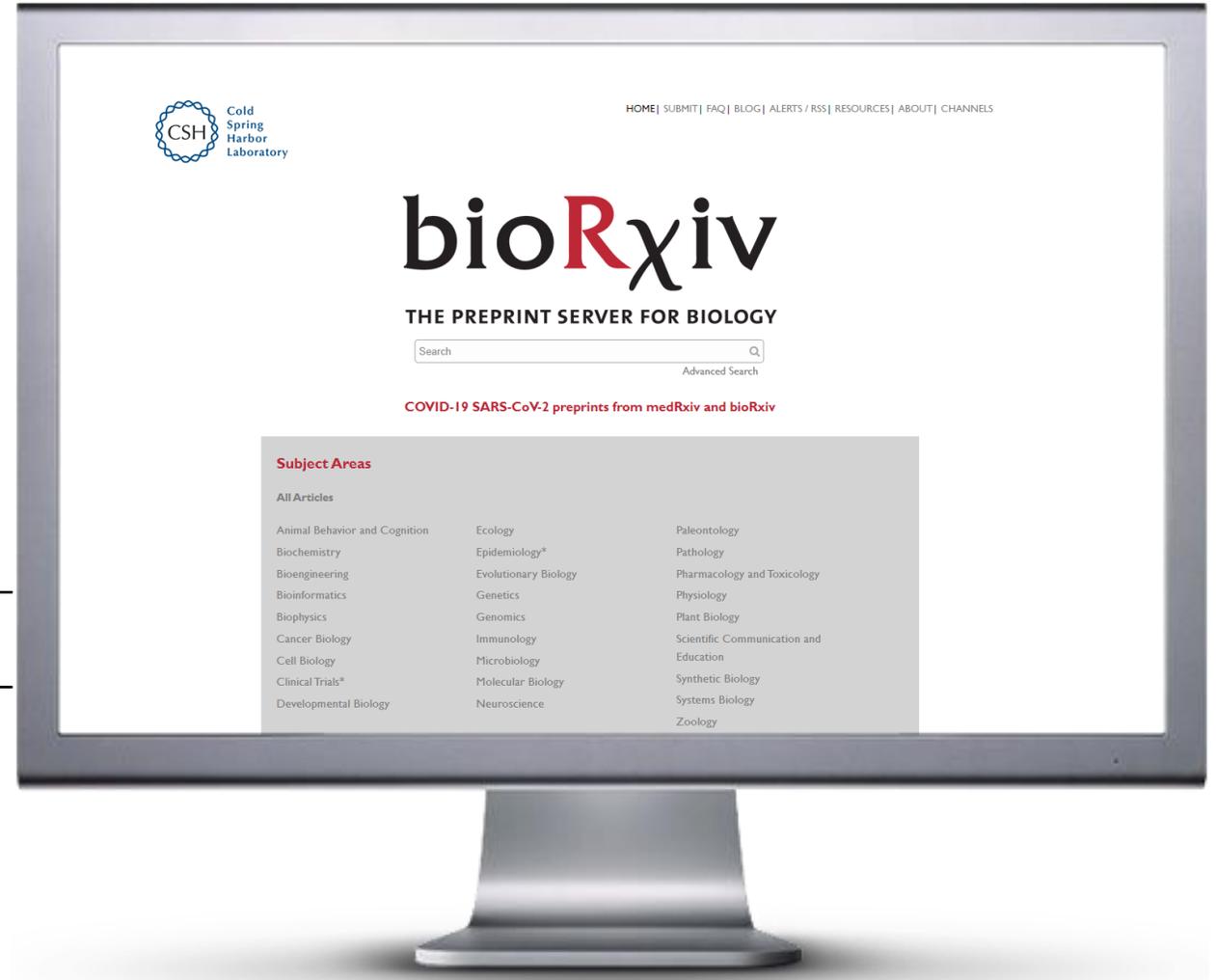
## Soggetto:

- Animal Behavior and Cognition
- Biochemistry
- Bioengineering
- Bioinformatics
- Biophysics
- Cancer Biology
- Cell Biology
- Developmental Biology
- Ecology
- Evolutionary Biology
- Genetics
- Genomics
- Immunology
- Microbiology
- Molecular Biology
- Neuroscience
- Paleontology
- Pathology
- Pharmacology and Toxicology
- Physiology
- Plant Biology
- Scientific Communication and Education
- Synthetic Biology
- Systems Biology
- Zoology

**Lingua:** inglese

## Descrizione:

Archivio online gratuito di articoli in versione preprint, dedicato alla biologia e alle scienze della vita. Pubblicando i preprint su bioRxiv, gli autori sono in grado di rendere immediatamente disponibili i risultati delle loro ricerche alla comunità scientifica e le bozze dei manoscritti prima che vengano inviati alle riviste. Una volta pubblicati su bioRxiv, gli articoli sono citabili e pertanto non possono essere rimossi.



# CERN

## Document server

<https://cds.cern.ch/>

### Soggetto:

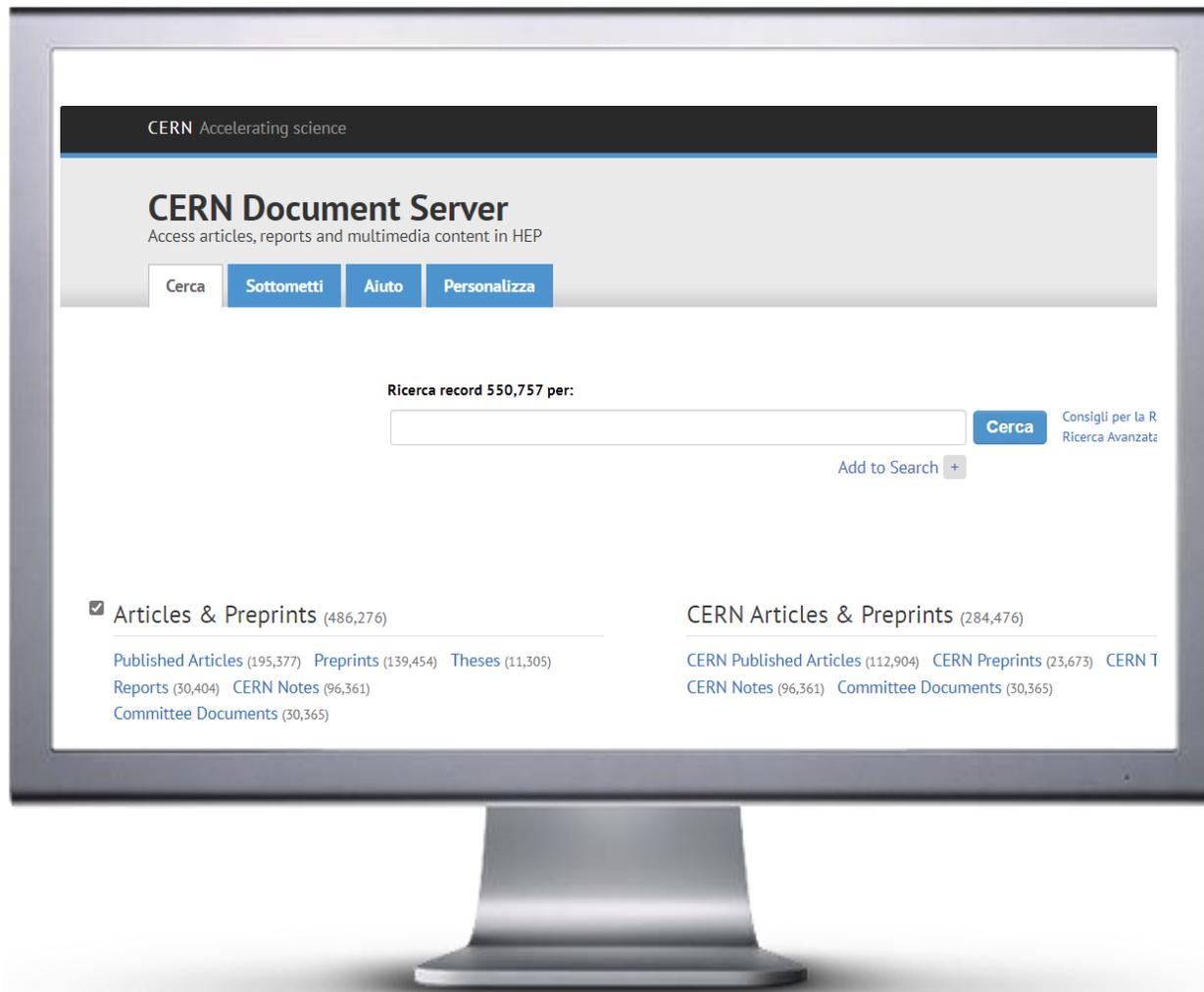
Astrofisica; Fisica; Informatica; Ingegneria; Particelle elementari; Tecnologia

**Lingua:** inglese - italiano

### Descrizione:

Banca dati di interesse per gli studi nel campo della fisica delle particelle e in ambiti connessi. Sono rese accessibili descrizioni bibliografiche e abstracts di saggi tratti da riviste specializzate, di monografie e di studi accademici. Molti i documenti consultabili in full-text.

Include preprints, articoli, libri, periodici, proceedings, fotografie, audio e video



# CORE Discovery

<https://core.ac.uk/>

**Soggetto:** Multidisciplinare

**Lingua:** inglese

## Descrizione:

La missione di CORE (COncecting REpositories) è quella di indicizzare tutta la ricerca in tutto il mondo e di fornire un accesso illimitato a tutti.

Il più grande aggregatore di repositories istituzionali. La più grande raccolta di articoli di ricerca open access a testo completo di journals open access e ibride e preprint. CORE contiene attualmente 309 milioni di articoli open access raccolti da 12.000 provider di dati in tutto il mondo.



# Green FILE

<https://core.ac.uk/>

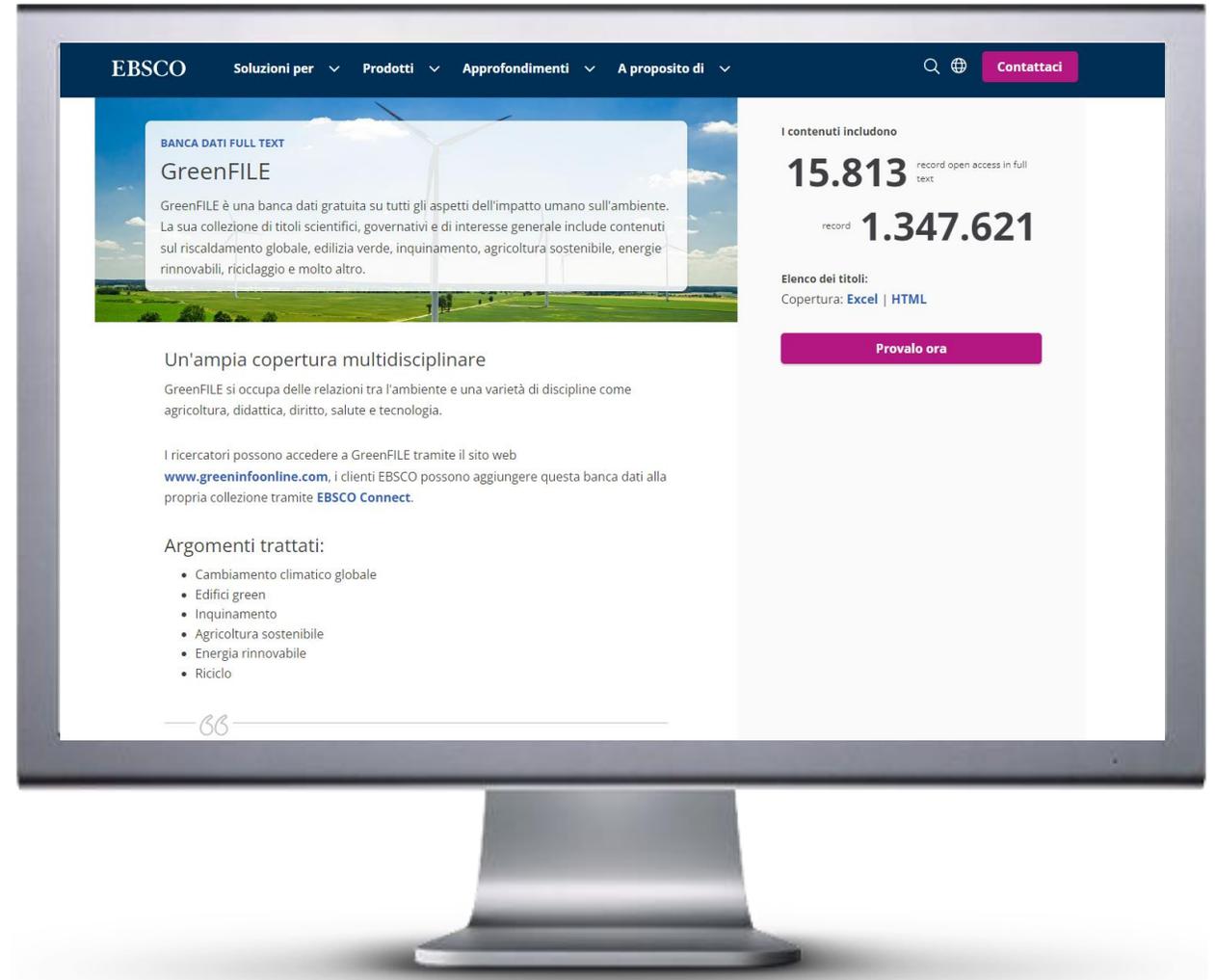
## Soggetto:

Ambiente, cambiamenti climatici, efficienza energetica degli edifici, inquinamento, agricoltura sostenibile, energie rinnovabili, riciclaggio, combustibili alternativi.

**Lingua:** italiano

## Descrizione:

Banca dati edita dalla Ebsco che indicizza e raccoglie indicazioni bibliografiche, abstracts e full-text di oltre 600 riviste accademiche e non, report e documenti governativi su tematiche collegate all'ambiente.



# ENEA- IRIS

## Open Archives

<https://iris.enea.it/>

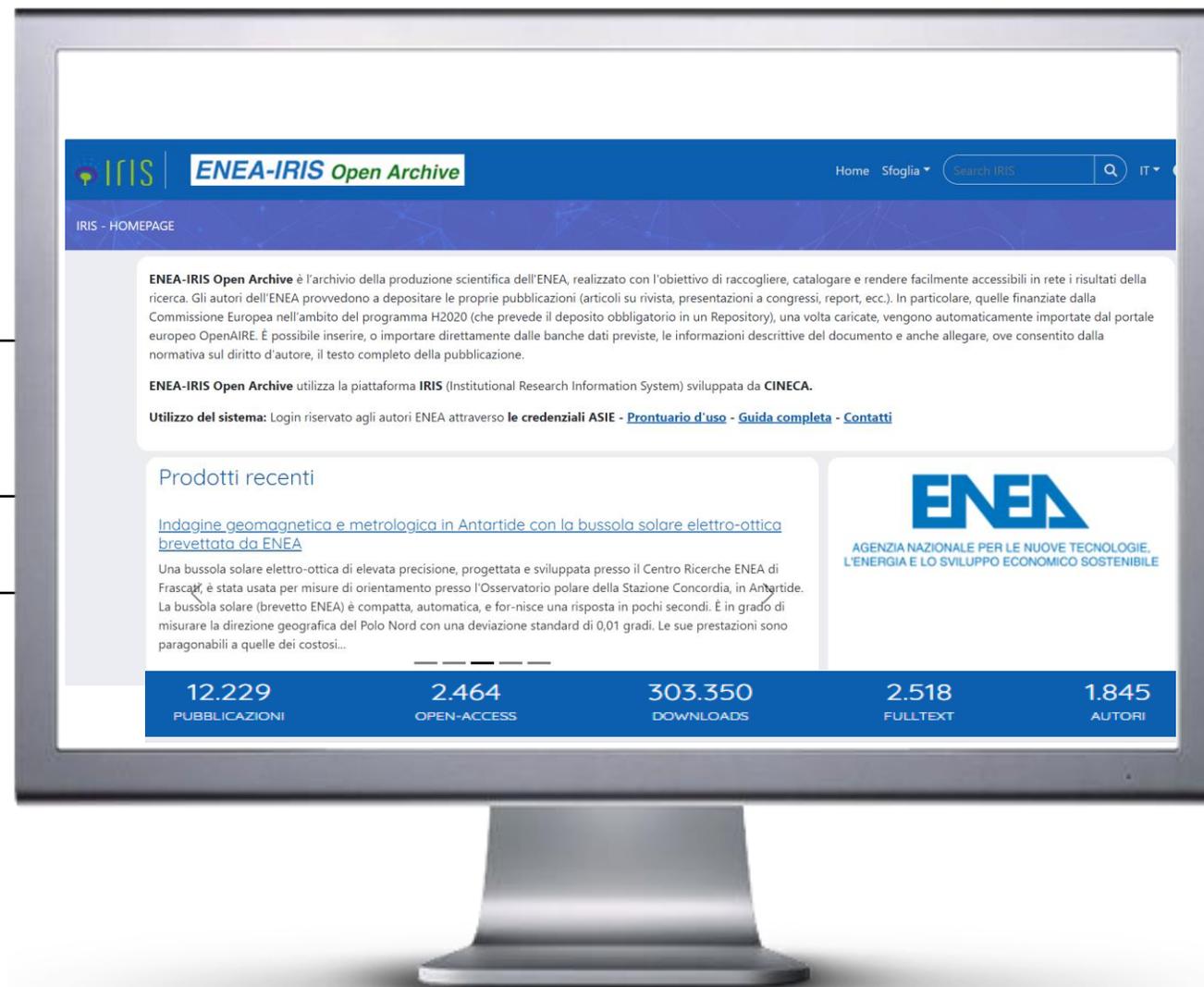
### Soggetto:

Energia e ambiente, efficienza energetica, fonti rinnovabili, fusione e sicurezza nucleare

**Lingua:** italiano – inglese

### Descrizione:

Archivio sulla produzione scientifica dell'Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo sostenibile (ENEA), finalizzato alla raccolta, catalogazione, fruibilità dei risultati della ricerca (articoli su rivista, presentazioni a congressi, report, ecc.), in particolare quelli finanziati dalla Commissione Europea nell'ambito del programma H2020, che prevede il deposito obbligatorio in un Repository



# INFN

## Open Access Repository

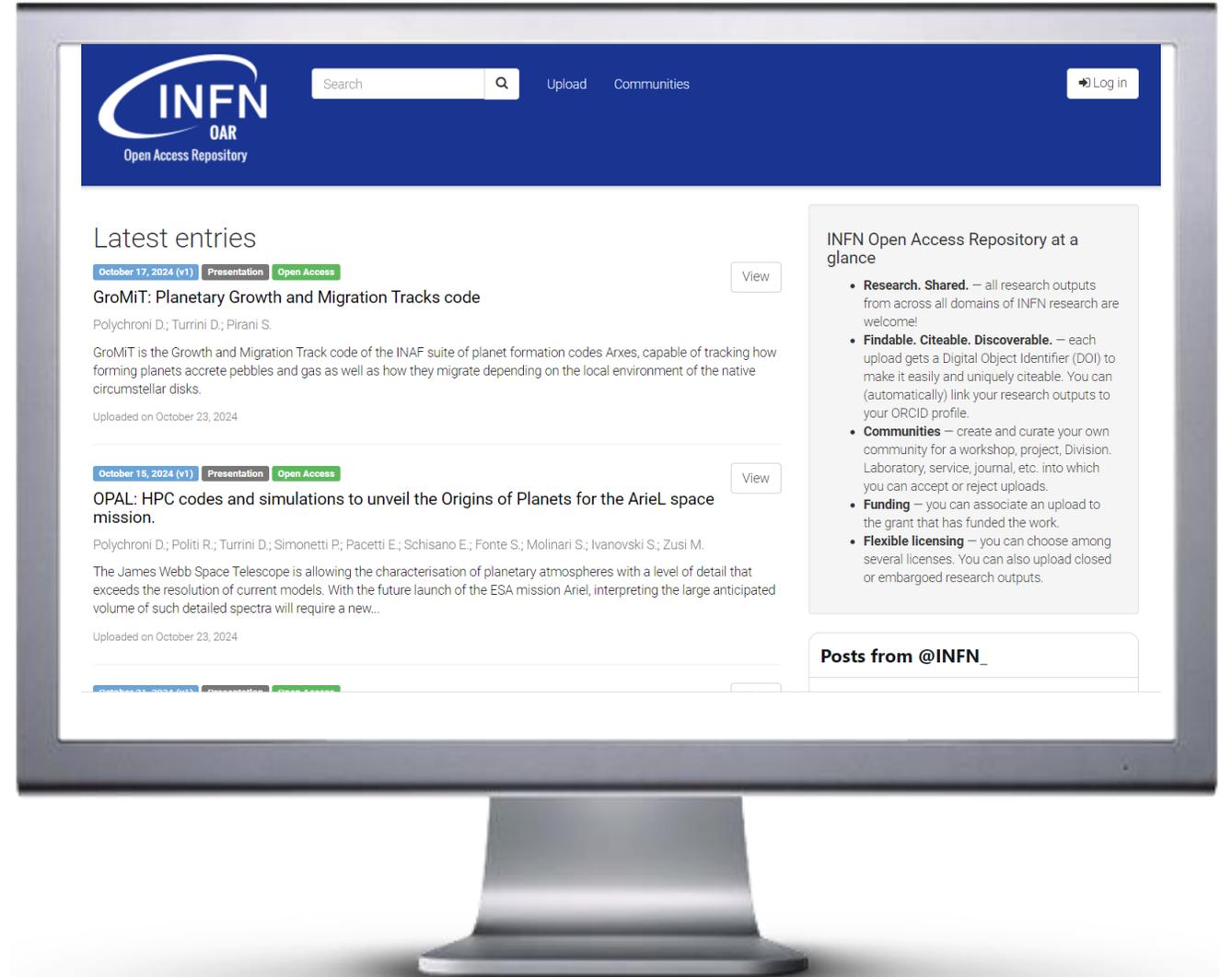
<https://www.openaccessrepository.it/>

**Soggetto:** Scienze, medicina, ingegneria, fisica, energia, biologia, biochimica

**Lingua:** inglese

### Descrizione:

archivio istituzionale per documentare, comprovare, custodire, promuovere e disseminare la produzione scientifica dell'INFN, utilizzato anche per attività di verifica e valutazione della ricerca.



# LENS

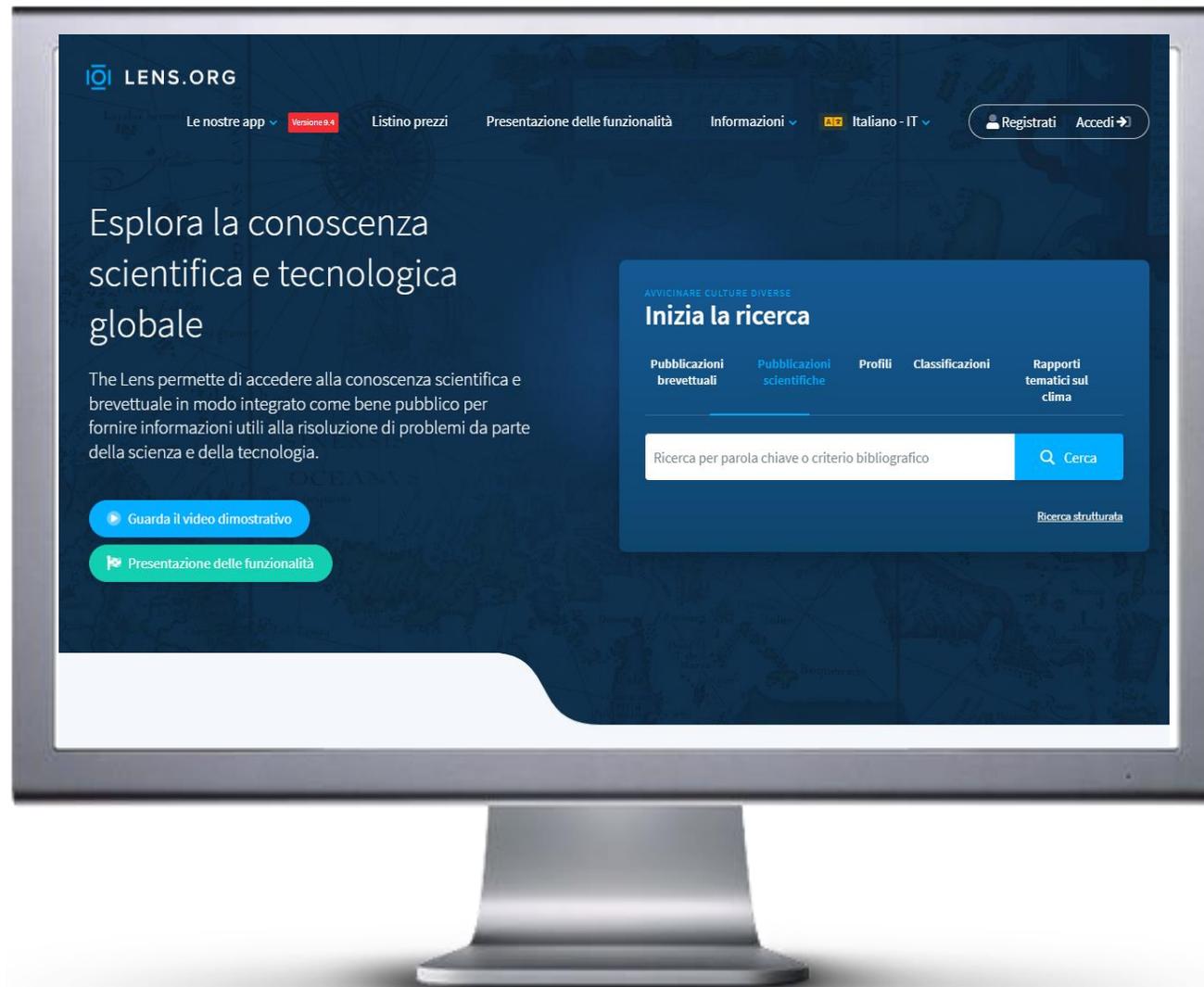
<https://www.lens.org/lens/>

**Soggetto:** Scienza e Tecnologia

**Lingua:** multilingue - anche italiano

## Descrizione:

The Lens collega la ricerca accademica con l'invenzione e l'industria per rendere il più semplice possibile scoprire, analizzare e mappare la conoscenza dell'innovazione globale. The Lens offre 272 milioni di lavori accademici, oltre 155 milioni di record di brevetti globali e oltre 495 milioni di sequenze di brevetti





<https://www.jstage.jst.go.jp>

## Soggetto:

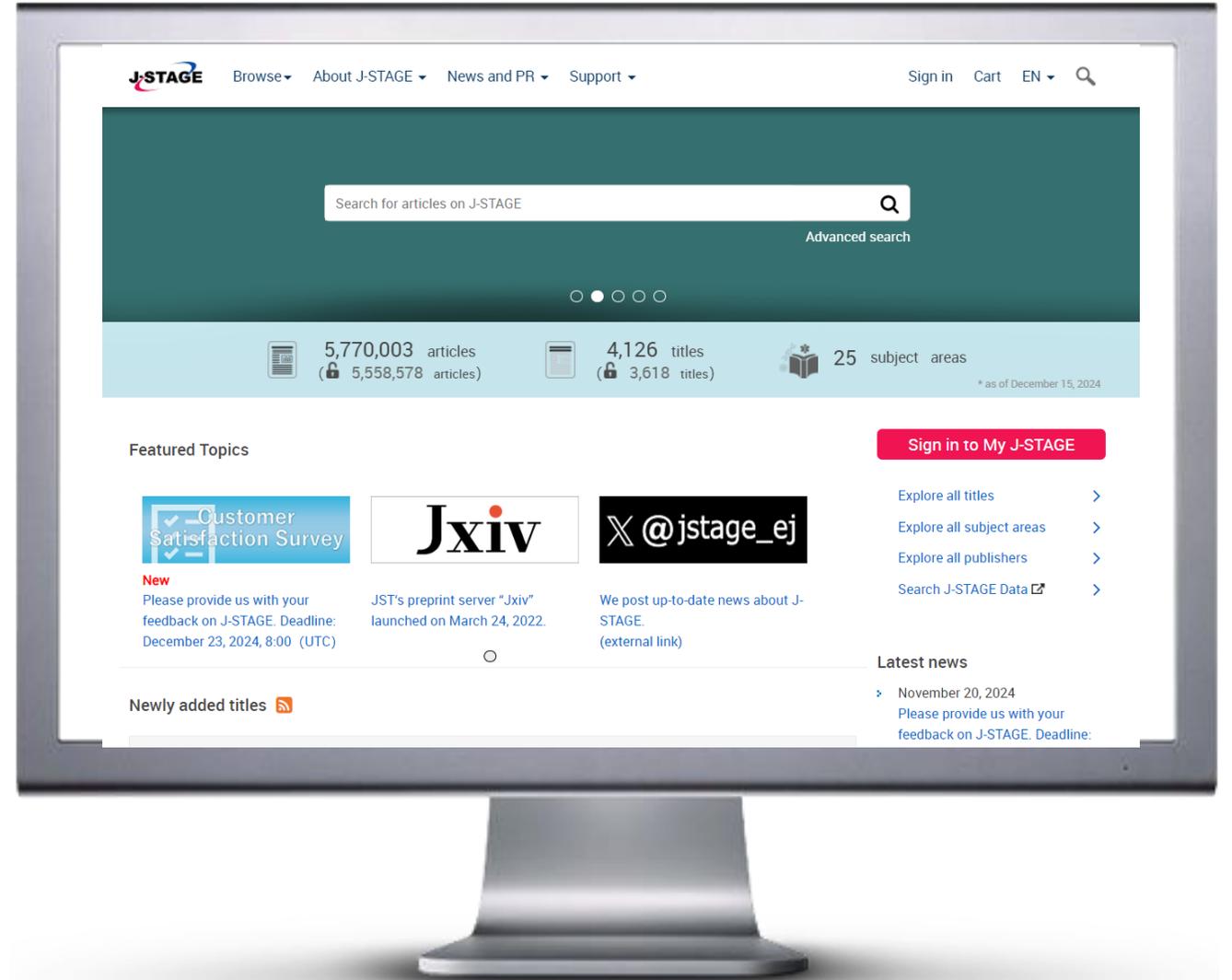
Scienza, tecnologia, ingegneria, medicina, scienze sociali e umanistiche

**Lingua:** inglese - giapponese

## Descrizione:

Archivio online sviluppato e gestito dalla Japan Science and Technology Agency (JST) con l'obiettivo di far circolare rapidamente la ricerca in scienza, tecnologia, discipline umanistiche e scienze sociali in Giappone, rafforzare la diffusione internazionale delle informazioni dal Giappone al resto del mondo, promuovere la pubblicazione di contenuti open access da parte di società accademiche e organizzazioni di ricerca giapponesi in varie discipline, tra cui scienza, tecnologia, ingegneria, medicina, scienze sociali e umanistiche.

Accesso online a oltre 4.000 riviste, atti di conferenze e altre pubblicazioni accademiche di oltre 2.400 editori in Giappone. Il 90% degli articoli sono open access.





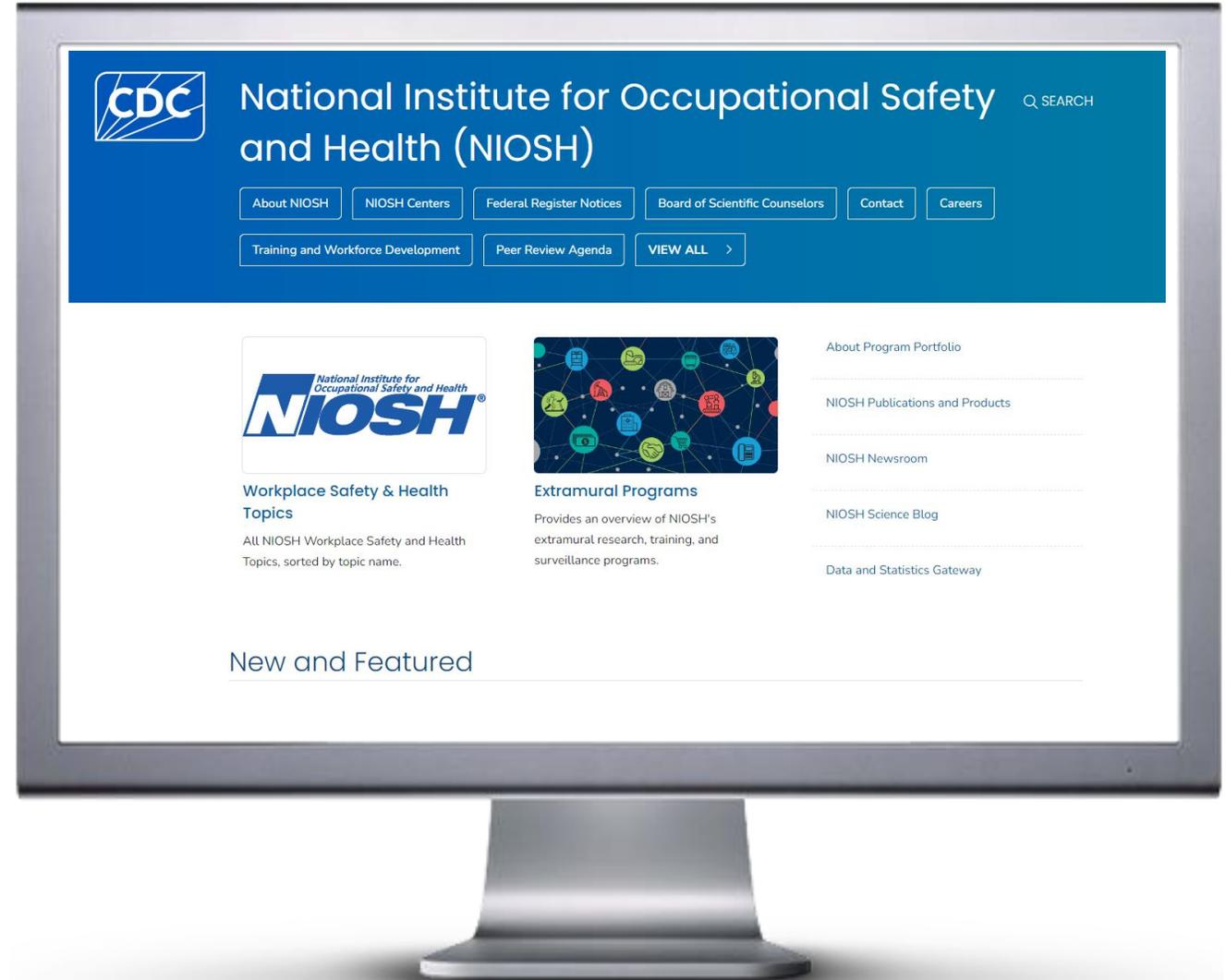
<https://www.cdc.gov/niosh/index.html>

**Soggetto:** Epidemiologia, medicina, assistenza infermieristica, igiene industriale, sicurezza

**Lingua:** inglese – spagnolo

**Descrizione:**

Database del National Institute for Occupational Safety & Health del U.S. Centers for Disease Control and Prevention (CDC), l'istituto federale responsabile della conduzione di ricerche e della formulazione di raccomandazioni per la prevenzione di infortuni e malattie correlati al lavoro. La banca dati sviluppa nuove conoscenze nel campo della sicurezza e della salute sul lavoro e trasferire tali conoscenze nella pratica.





<https://www.preprints.org/>

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**Soggetto:** Arts and Humanities; Biology and Life Sciences; Business, Economics and Management; Chemistry and Materials Science; Computer Science and Mathematics; Engineering; Environmental and Earth Sciences; Medicine and Pharmacology; Physical Sciences; Public Health and Healthcare; Social Sciences

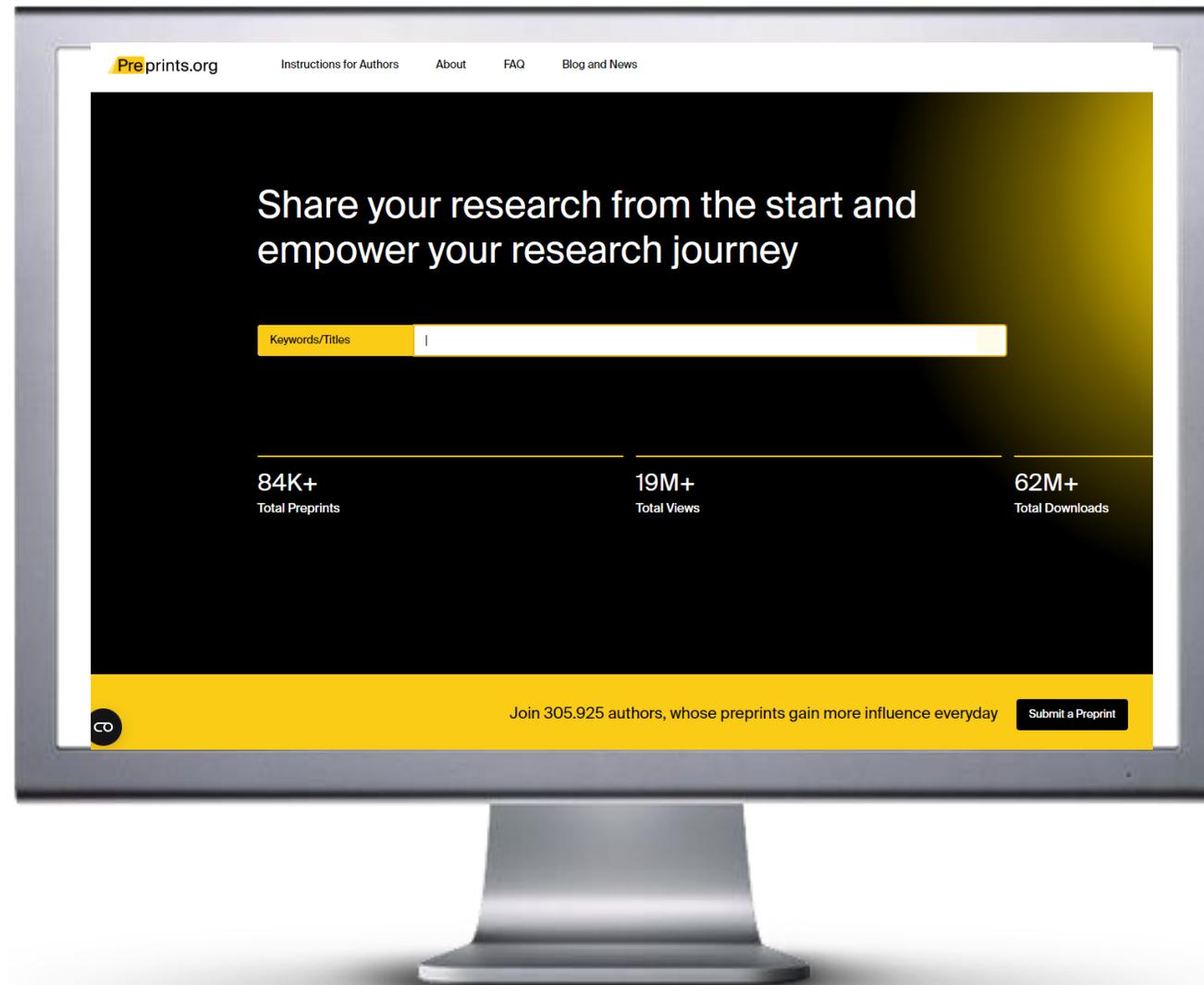
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**Lingua:** inglese

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**Descrizione:**

preprints.org è una piattaforma multidisciplinare che fornisce i preprint dei risultati della ricerca in modo permanente e citabili. Il contenuto su Preprints.org non è sottoposto a revisione paritaria e può ricevere feedback dai lettori.



# PubMed

<https://pubmed.ncbi.nlm.nih.gov/>

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**Soggetto:** Medicina, Biotecnologia, Chimica medica, Genetica

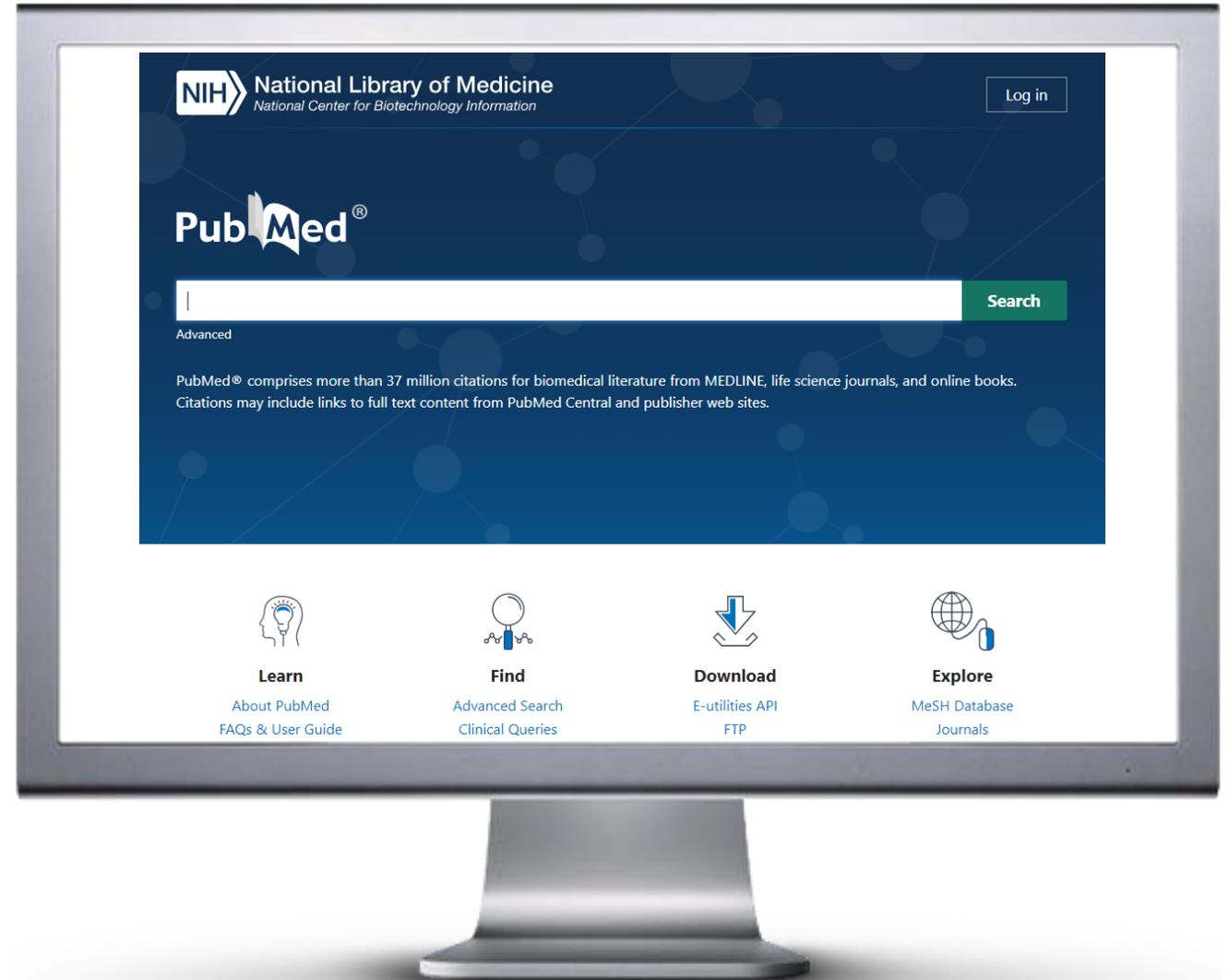
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**Lingua:** inglese

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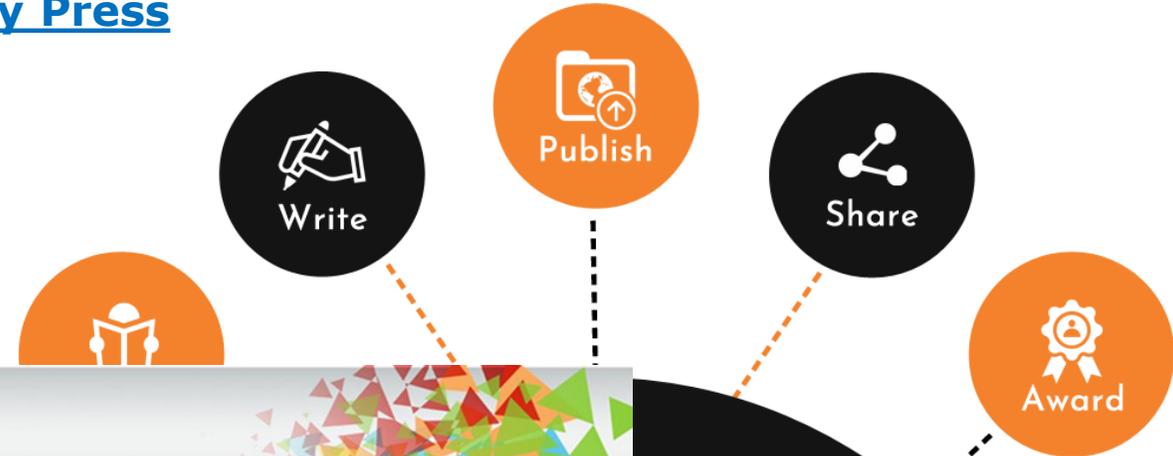
## Descrizione:

Banca dati di interesse biomedico a cura della National Library of Medicine di Bethesda (USA). Comprende più di 37 milioni di citazioni bibliografiche di letteratura biomedica estratte dal database MEDLINE, da riviste di scienze della vita e da libri on-line. Le citazioni sono spesso collegate al contenuto del full-text.



# JOURNALS OPEN ACCESS

- [BMJ Open access journals](#)
- [Cogent OA journals – Taylor & Francis](#)
- [Mary Ann Liebert Open Access Journals](#)
- [MDPI Journal](#)
- [Open access journals – Elsevier](#)
- [Open access journals – Cambridge University Press](#)
- [Oxford University Press Open Access](#)
- [Springer Open Journal](#)
- [Pure Gold Open Access Journals – SAGE](#)
- [PLOS - Public Library of Science](#)
- [PinC Prevenzione in Corso](#)



# DIRECTORY

The screenshot displays the DOAB website interface. At the top, there is a dark navigation bar with the DOAB logo (three orange squares) and the text "DOAJ OPEN GLOBAL TRUSTED". To the right of the logo are links for "SUPPORT", "APPLY", and "SEARCH". Below this is a blue banner for "OpenDOAR" with a white navigation menu containing "About" and "Dir". The main content area features the "doab" logo and the text "directory of open access books". A search bar is present with a "Search" button and a "Publisher login" button. Below the search bar is a dark navigation bar with links for "For Librarians", "For Researchers", "For Publishers", "Our Supporters", "Resources", and "DOAB". The main heading reads "Welcome to the Directory of Open Access Books" with a sub-heading "Over 87,500 academic peer-reviewed books". A search bar below the heading contains the text "find books in DOAB..." and a "search" button. To the right of the search bar are links for "Browse by subject", "language", and "publisher".

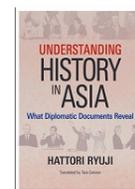
DOAB is a community-driven discovery service that indexes and provides access to scholarly, peer-reviewed open access books and helps users to find trusted open access book publishers. All DOAB services are free of charge and all data is freely available.

## TOP SUBJECTS

### Education



### Politics & government



### Society & culture: general



### Media studies



### Human geography



**Presentazione**



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### Workplace Safety & Health Topics

All NIOSH Workplace Safety and Health Topics, sorted by topic name.



### Extramural Programs

Provides an overview of NIOSH's extramural research, training, and surveillance programs.

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NIOSH Publications and Products

NIOSH Newsroom

NIOSH Science Blog

Data and Statistics Gateway



Search

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## The National Institute for Occupational Safety and Health (NIOSH)

Search



Promoting productive workplaces through safety and health research

## All Workplace Safety & Health Topics

[Print](#)

A B C D **E** F G H I L M N O P R S T V W X  
Y Z #

[Electrical Safety](#)

[Electronic Health Records \(EHRs\)](#)

[Emergency Medical Services Workers](#)

[Emergency Preparedness and Response](#)

[Emergency Responder Health Monitoring and Surveillance](#)

**[Engineering Controls](#)**

[Ergonomics and Musculoskeletal Disorders](#)

[Ethylene Oxide](#)

# Directory of Engineering Controls

[Print](#)

Engineering controls protect workers by removing hazardous conditions or by placing a barrier between the worker and the hazard. Examples include local exhaust ventilation to capture and remove airborne emissions or machine guards to shield the worker. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions. They typically do not interfere with worker productivity or personal comfort and make the work easier to perform rather than more difficult. The initial cost of engineering controls can be higher than some other control methods, but over the longer term, operating costs are frequently lower, and in some instances, can provide a cost savings in other areas of the process. To learn more about how engineering controls fit into the strategy for reducing and/or eliminating occupational hazards, visit our [hierarchy of controls](#) website.

NIOSH researchers help prevent occupational disease and injury by conducting engineering control technology evaluations and developing practical, solutions-oriented control technology interventions. To conduct these efforts, NIOSH works collaboratively with partners both in the United States and around the world.

This directory page links to NIOSH engineering control related webpages, projects, programs, tools and resources created to improve workplace health and safety.



NIOSH researchers reduce the risk of silicosis and other lung diseases for workers fabricating stone countertops by evaluating engineering control measures such as optimized ventilation through dust extractors, and providing recommendations to partners including OSHA, state agencies, industrial partners, and labor

## Tools and Resources

- [Engineering Controls Database](#)
- [Workplace Survey / Engineering and Physical Hazards Research](#)
- [Hierarchy of Controls](#)
- [Control Banding](#)
- [Prevention through Design](#)
- [Engineering Control Publications](#)
- [Request a Health Hazard Evaluation](#)

## NIOSH Engineering Controls Research Program

- [Overview](#)
- [Program Description](#)
- [Program Goals](#)
- [Program Impact](#)
- [Contact the Engineering Controls Program](#)

## Engineering Control Topics on the NIOSH Science Blog

- [Reducing material handling injuries with engineering controls](#)
- [Buy Quiet Update](#)
- [Preventing Deaths in Manure Storage Facilities Through Proper Ventilation](#)
- [Silica Hazards from Engineered Stone Countertops](#)
- [Fiber Cement Dust and Silica](#)

## Engineering Controls for Stone Countertop Fabrication and Installation

- [Investigation of Ventilation Engineering Controls for Stone Countertop Fabrication](#)
- [Evaluation of Wetting Methods for Grinding](#)
- [Field Evaluation of a Mobile Dust Control Booth for Stone Countertop Grinding](#)

- [NIOSH Engineering Controls Program](#)
- [OSHA/NIOSH Hazard Alert: Methylene Chloride Hazards for Bathtub Refinishers](#)
- [Preventing Hazardous Noise and Hearing Loss during Project Design and Operation](#)
- [Reducing Musculoskeletal Disorders among Airport Baggage Screeners and Handlers](#)
- [Reducing Hazardous Dust Exposure When Dowl Drilling in Concrete](#)
- [Reducing Hazardous Dust Exposure When Cutting Fiber-Cement Siding](#)

## NIOSHTIC-2 Publications Search

[Print](#)

### Search Results

#### New Search

Enter search terms

Go

Search Within Results

[Advanced Search](#) [Search Help](#) [About NIOSHTIC-2](#) [Feedback](#)

Terms: 'engineering\*' 'control\*' 1 - 10 of 3790 Bibliographic entries

Next

Last

[Save All](#) [Save Page](#) [View Saved](#) [Download](#)

Select check boxes to automatically save entries, or use 'save all' or 'save page' links above.

1

Authors

Source

[Reducing dust and respirable crystalline silica near conveyors using a hybrid dust control system.](#)

Parks DA; King GW; Koski BD; Bierie GS; Sunderman CB; Wilson SE; Miller AL

Min Metall Explor 2024 Nov; :[Epub ahead of print]

2

Authors

Source

[Evaluation of noise exposure from equipment and ventilation in a clinical laboratory.](#)

Hayden MA; Brueck SE

Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, HHE 2023-0087-3401, 2024 Oct; :1-26

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Social Sciences

# Engineering

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2016 2024

Subject Area

- Aerospace Engineering
- Architecture, Building and Construction
- Automotive Engineering
- Bioengineering
- Chemical Engineering
- Civil Engineering
- Control and Systems Engineering
- Electrical and Electronic Engineering
- Energy and Fuel Technology
- Industrial and Manufacturing Engineering
- Marine Engineering
- Mechanical Engineering
- Metallurgy and Metallurgical Engineering
- Mining and Mineral Processing
- Safety, Risk, Reliability and Quality

Sort by Most Views

Article Control and Systems Engineering Engineering

Download PDF Cite

## Cyber Risk in IoT Systems

Petar Radanliev, David Charles De Roure, Carsten Maple, Jason R.C. Nurse, Razvan Nicolescu, Uchenna Ani

Abstract: In this paper we present an understanding of cyber risks in the Internet of Things (IoT), we explain why it is important to understand what IoT cyber risks are and how we can use risk assessment and risk management approaches to deal with these challenges. We introduce the most effective ways of doing Risk assessment and Risk Management of IoT risk. As part of our research, we also developed meth... [Show more](#)

Posted: 08 March 2019 <https://doi.org/10.20944/preprints201903.0104.v1>

Article Control and Systems Engineering Engineering

Download PDF Cite

## Cyber Security Framework for the Internet-of-Things in Industry 4.0

Petar Radanliev, Rafael Mantilla Montalvo, Stacy Cannady, Razvan Nicolescu, Dave De Roure, Jason R.C. Nurse, Michael Huth

Abstract: This research article reports the results of a qualitative case study that correlates academic literature with five Industry 4.0 cyber trends, seven cyber risk frameworks and two cyber risk models. While there is a strong interest in industry and academia to standardise existing cyber risk frameworks, models and methodologies, an attempt to combine these approaches has not been done until present. W... [Show more](#)

Posted: 08 March 2019 <https://doi.org/10.20944/preprints201903.0111.v1>

Brief Report Control and Systems Engineering Engineering

Download PDF Cite

## Pattern Recognition with Convolutional Neural Networks: Humpback Whale Tails

Urb Esmirali, De Mian Lopez, Christian Mardani Lopez, NUBIA GOMEZ BLAS, Karoline...

# Vantaggi dell'Open Access

- Accesso facilitato dei documenti
- Condivisione globale delle conoscenze
- Maggiore visibilità e impatto dei ricercatori
- Rapida diffusione della ricerca scientifica
- Vantaggi economici per le istituzioni e le comunità scientifiche



**GRAZIE !**

**Gruppo di ricerca Inail**

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Loriana Ricciardi – [l.ricciardi@inail.it](mailto:l.ricciardi@inail.it)