



**National Approach to Improve
Practices in Repositories in
Turkey**



Gultekin Gurdal
Izmir Institute of Technology



TOPICS TO COVER

Higher Education Landscape in Turkey

Key Players

Milestones

Turkey's Roadmap

OpenDOAR Statistics

Translations to Turkish: COAR

GCRIS IZTECH

Challenges

Higher Education Landscape in Turkey

Üniversiteler / Üniversitelerimiz

ÜNİVERSİTE ADI

ABDULLAH GÜL ÜNİVERSİTESİ

ACIBADEM MEHMET ALI AYDINLAR ÜNİVERSİTESİ

ADANA ALPARSLAN TÜRKİŞ BİLİM VE TEKNOLOJİ ÜNİVERSİTESİ

ADYAMAN ÜNİVERSİTESİ

Üniversite Ara

Ara

ŞEHİR SEÇİNİZ...

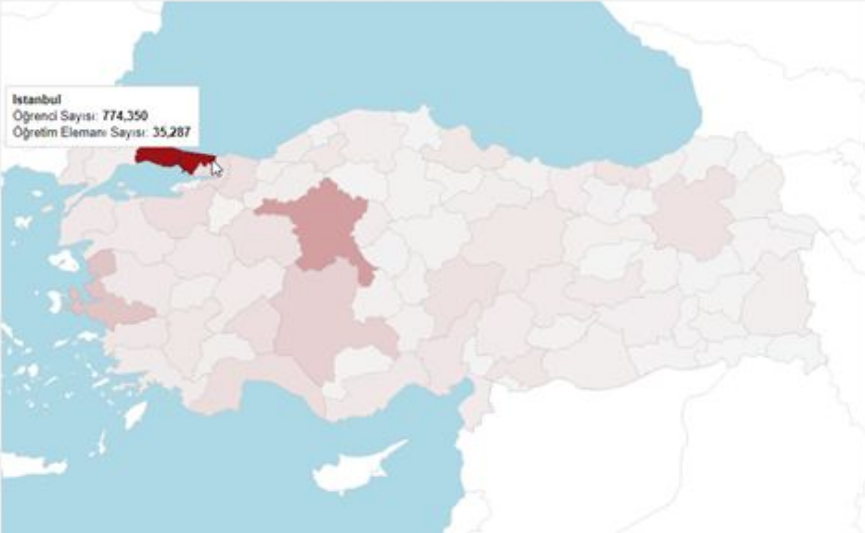
ÜNİVERSİTE TÜRÜ SEÇİNİZ...

Tüm Üniversite Listesi

Tüm Üniversite Listesini Yazdır

[1 - 5 / 207]

Haritada gösterilen öğrenci sayılarına Açık Öğretim ve Uzaktan Öğretim öğrencileri dahil değildir. Veriler 2018-2019 Yükseköğretim İstatistiklerinden alınmıştır.



Istanbul
Öğrenci Sayısı: 774,350
Öğretim Elemanı Sayısı: 35,287



Higher Education
Institutions: 207

State
Universities:
129

Private
Universities:
74

Total 203

<https://www.yok.gov.tr/universiteler/universitelerimiz>

Key Players



ANKOS (Anatolian University Libraries Consortium) Open Access and Institutional Repositories Working Group (ANKOS OAIR)

2006



TUBITAK (The Scientific and Technological Research Council of Turkey) National Open Science Committee

2015



CoHE (Council of Higher Education) Open Science and Open Access Working Group

2018



CoHE Turkey Research Data and Open Data Task Force

2019

Milestones

2002 – ANKOS became a member of Scholarly Publishing and Academic Resources Coalition – SPARC

2003 – Middle East Technical University's E-Thesis Archive and the first member of Networked Digital Library of Theses and Dissertations – ND LTD

2004 / 2005 – The first experimental OA archive of Hacettepe University Library and information Science Department.

2005 – The first official open archive: Ankara University Open Archive Repository

2013 - First mandatory Open Access Policy released by IZTECH

2014 - The Driver Guide 2.0 translated into Turkish

2014 - DergiPark, OA journal hosting service established by TÜBİTAK, harvested by OpenAIRE

2014 - CoHE National Academic Archive Project and OA Policy template sent to the HEIs

2016 - TUBİTAK National Harvesting System: Turkey Academic Archive

2019 - IZTECH Open Science Policy released (based on OpenAIRE model It sent to other Turkish universities as a model policy by CoHE. policy).

2019 - TUBİTAK Open Science Policy launched

2019 – Turkish Era Roadmap: National Roadmap on European Research Area: 5b: Open access to publications and data in an open science context

What We Have Done...

Web pages

Guides

Presentations

Translations

Proceedings

Workshops

Brochures and Posters

Trainings Programmes

ANKOS Açık Erişim ve Kurumsal Arşivler

DSpace Kurumsal Arşiv Sisteminin Kurulması ve Uygulanması

HAZIRLAYANLAR:
ANKOS AKA Grubu Üyeleri:
Sonmez ÇELİK (Doğuş Üniversitesi)
Gültekin GÜRDAL (İYTE)
Barcu KETEN (ÜYÜ)
Levent KUTLUYURK (Yasar Üniversitesi)
Ata TÜRKİDANI (Yasar Üniversitesi)

Diğer:
Onur BUĞAN (Doğuş Üniversitesi)

Açık Erişim ve DSpace Kurumsal Arşiv Yazılım

Sonmez Çelik¹, Gültekin Gürdal², Barcu Keten³, Ata Türkfidani⁴, Levent Kutlutürk⁵

¹Doğuş Üniversitesi Kütüphanesi
²İzmir Yabancı Dil ve Dilbilim Enstitüsü Kütüphanesi
³Orta Doğu Teknik Üniversitesi Kütüphanesi
⁴Yasar Üniversitesi Bilgi Merkezi
⁵Yasar Üniversitesi Bilgi Merkezi

scelik@dogus.edu.tr, gultekingurdal@iyte.edu.tr, bketen@me.ata.turkfidani@yasar.edu.tr, levent.kutluturk@yasar.edu.tr.

Özet: Akademik camiada ortak çıkarların yaratılması amacıyla bilgi paylaşımını teşvik eden bir hareket olan Açık Erişim, bugün dünyada popüler bir desteklenmektedir. Açık erişimin temel prensipleri olan yazılımlar, ücretsiz olan açık kaynaklı yazılımlar, ücretli paket programlardan oluşmaktadır. DSpace Massachusetts Teknoloji Enstitüsü tarafından geliştirilmiş açık kaynak kodlu kurumsal arşiv yazılımıdır. Bu yazılımın kurumsal arşiv yazılımı olarak kullanılmaya başlanmıştır.

- Açık Erişim Arşivi Oluşturma Süreci: Problemler ve Çözüm Önerileri. 3. Uluslararası Değişim Dünyada Bilgi Yönetimi Sempozyumu, 19-21 Eylül 2012, Ankara, Türkiye : Bildiriler Kitabı. Ankara: Hacettepe Üniversitesi Bilgi ve Belge Yönetimi Bölümü.
- Açık Erişim Arşivi Oluşturma Süreci: Ulusal Açık Erişim Çalıştayı, 8-9 Kasım 2012, Hacettepe Üniversitesi Bilgi ve Belge Yönetimi Bölümü.
- DSpace Kurumsal Arşiv Sisteminin Kurulması ve Uygulanması, Kasım 2012



Digital Repository Infrastructure Vision for European Research

DRIVER Rehberi 2.0

İçerik Sağlayıcılar İçin Rehber – OAI-PMH ile Metinsel Bilgi Kaynaklarının Keşfi

[Kasım 2008]



ANKOS AÇIK ERİŞİM VE KURUMSAL ARŞİVLER GRUBU ÇALIŞTAYI

"Açık Erişim Arşivi Oluşturma Süreci: Problemler ve Çözüm Önerileri"

ANKOS Açık Erişim ve Kurumsal Arşivler Grubu

Ulusal Açık Erişim Çalıştayı, 8-9 Kasım 2012, Hacettepe



AÇIK ERİŞİM VE KURUMSAL ARŞİVLER ÇALIŞMA GRUBU
<http://www.ankos.org.tr/ankos/index>



Araştırma Kurumları İçin OpenAIRE Kılavuzu The OpenAIRE Guide for Research Institutions

Araştırma Kurumları İçin OpenAIRE Kılavuzu, uygulanabilir açık erişim politikalarını kurumlarında hayata geçirmede araştırma kurumlarına yardımcı olmak üzere geliştirilmiştir.

- <https://ankos.org.tr/tr/acik-erisim/kaynaklar/>
- <https://www.sonmezcelik.net/>
- <https://acikerisim.org/>
- <https://libguides.iyte.edu.tr/openaire>

Turkey's Roadmap for Universities

5b: Open access to publications and data in an open science context

Open Access and Open Science constitute basis for increased visibility, increased citations, equal access (including disabled people), wider dissemination of scientific knowledge and research results. The impact of open access is favourable in terms of capturing value out of research and achieving increased returns to public investment in research.

Council of Higher Education (YÖK) together with TÜBİTAK are leading the processes for enabling open access at national scale. The national level strategies and actions would be complemented by university level activities for open access.

Objective 5b: Promoting and implementing an Open Science and Open Access approach

YÖK formed a Commission on Open Access including the rectors, related faculty members and TÜBİTAK representatives.

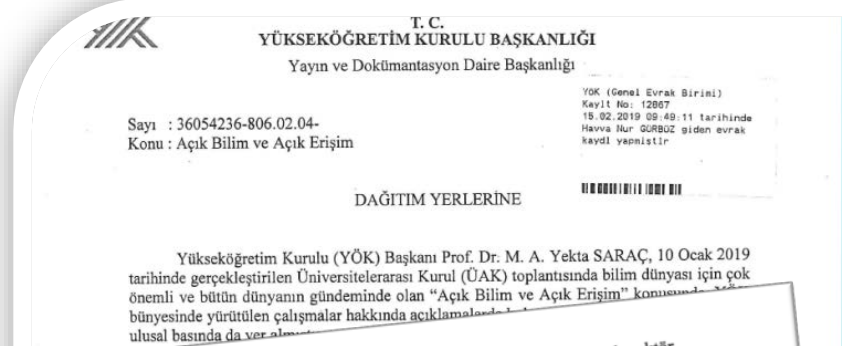
The Commission emphasized the importance of open access in the international standards and the "Open Access" (OA) approach and using of "Open Access" (OA) approach.

Concrete steps are:

- Reporting of the work carried out by universities and the number of publications in open academic archives in a method and format determined by YÖK in six-month periods,
- Establishing a commission under the chairmanship of the rector / vice-rector responsible for open access and open science studies at universities and organizing awareness meetings to develop a clear ecosystem within the university,
- Revision of the Academic Incentive Regulation in order to promote publishing in open access journals and production of open education material,
- Ensuring the participation of the relevant staff of the universities in the meetings and trainings organized by YÖK.

In 2019, TÜBİTAK will take decisive actions towards Open Access and Open Science in cooperation with YÖK:

- Adoption of TÜBİTAK's Open Science Policy (effective as of 14 March 2019)
- Adoption of the timeline: 2019 as a pilot year for selected support programmes, and 2020 as the year of transition to mandatory policy implementations in Open Access for all support programmes
- Launching pilot call with Open Science requirements in the second half of 2019



CoHE sent an official letter to all universities and required reports of the work carried out by universities and the number of publications in open academic archives in a method and format specified by CoHE.

- 1-Üniversitelerde açık bilim ve açık erişim çalışmalarından sorumlu rektör ya da rektör yardımcısı başkanlığında bir komisyon kurulması ve bu konuda farkındalığın artırılması için çalışmalar yapılması,
 - 2-Uluslararası standartlarda Açık Akademik Arşiv Sisteminin kurulması,
 - 3-Akademik Arşiv sorumlusu olarak bir kütüphaneci belirlenmesi,
 - 4-YÖK tarafından gönderilecek çerçeve Açık Bilim Politikası temel alınarak üniversitelerin Açık Bilim Politikasının hazırlanması,
 - 9-Akademik yükseltmede değerlendirilen yayınların akademik arşivde bulunması, teşvik edilmesi,
 - 10-Kurumsal akademik arşivlerin ivedilikle uluslararası standartlarda işler hale gelmesi için nitelikli insan kaynağı dahil olmak üzere gerekli her türlü desteğin verilmesi.
 - 11-Açık erişimdeki dergilerde yayın yapılmasının ve açık ders malzemesi üretiminin teşvik edilmesi,
 - 12-YÖK tarafından düzenlenecek toplantılara ilgili personelin katılımının sağlanması.
 - 13- Yükseköğretim Bilgi Sistemi (YÖKSİS) üzerinden erişime açılacak olan ve bir örneği bilgilendirme amacıyla ilişikte gönderilen "Kurumsal Akademik Arşiv Bilgi Formu" nun Haziran ve Aralık aylarının son günü itibarıyla altı aylık periyodlar halinde doldurulması, gerekmektedir.
- Bilgilerinizi ve gereğini önemle rica ederim.

https://era.gv.at/public/documents/4071/Turkish_National_Roadmap_on_European_Research_Area_May_2019.pdf

CoHE Requirements on Open Archives

General information about the Institutional Repository

Contact information of Repository Manager

Software and Version Information

OAI-PMH OAI-PMH compliance

Handle prefix

Harvesting Services: (Harman, Base, OpenAire, Google Scholar, other)

Registration Open DOAR, ROAR

Open Science Policy

User Guide

The Number of Publications (Full-text, embargoed, publications types etc.)

Turkey Academic Archive

← → ↻ harman.ulakbim.gov.tr/index

Google Şu dile çevrildi: İngilizce Orjinali göster

harman
Türkiye Akademik Arşivi

About Call Archive Information Application Blending Rules Communication

Turkey Academic Archive

"The Door to Open Archives"

Search archives...

Detailed Search

It harvests IRs in Turkey compliant with international standards.

You can search a total of 152 institutions and 2,081,923 records.

Join Harman for international standards collation and access to the content in your Open Archive.

Open Archives to join Harman:

- The broadcast metadata complies with the standards.
- regularly updated,
- Working seamlessly

are the responsibility of the institutions.

<https://harman.ulakbim.gov.tr/index>

Turkey Academic Archive: Rules

The software must support the OAI_DC format.

The archive and the OAI URL must be public and work properly.

Musn't be used UTF-8 character.

Mustn't be used HTML (and XML) tags in meta data fields.

Below Dublin Core fields must be completed:

- dc:identifier
- dc:title
- dc:creator
- dc:description
- dc:date
- dc:type
- dc:language (preferably in ISO 639-2 format)


DergiPark- National Open Journal Hosting Platform

← → ↻ dergipark.org.tr/en/

DergiPark AKADEMİK About Journals Publishers Researchers Contact Help

DergiPark AKADEMİK

New designs have been added to the journal pages. You can look to the Help menu for your page edits.
Click to access the process guide.



Search on DergiPark

Search by title, author, keyword, ISSN, DOI and more | [Advanced Search Tips](#)

Science

- Environmental Sciences
- Food Science and Technology
- Engineering
- Multidisciplinary Sciences
- Basic Sciences
- Medicine
- Veterinary Sciences
- Agriculture

8th Year



International Journal of Environment and Geoinformatics

eISSN: 2148-9173

Quarterly 52K ± 160K

11th Year

inönü

eISSN:

Biannually 182K ± 448K





Tri-annual 144K ± 422K

DergiPark supports national academic journals to gain presence in accordance with international standards and increase their visibility.

It's one of the biggest data provider to OpenAIRE.

Search

Total 947.181 results (0.71 sec)

 Article 523.631	 Journal 2.371	 Researcher 420.130	 Publisher 1.049
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<https://dergipark.org.tr/en/>

TUBITAK Open Archive: APERTA

aperta.ulakbim.gov.tr

Google Şu dille çevrildi: İngilizce Orijinali göster

aperta
TÜRKİYE AÇIK ARŞİVİ

Call

Load About Communities SSS

Login

New Registration

Recently uploaded works

2021 (v1.0.0) Software Open Access

Simulation-Optimization of a Patented Baffle Design with Parallel Computing on TRUBA

view

Kuzay, Mustafa ; Nasrlyayev, Nazhmiddin ; Demirel, Ender

Treatment of surface waters in large cities has been emerged as a critical point of interest for governments in recent years with increasing clean water demand and development of energy intensive water treatment technologies such as ozone and ultraviolet. Raw water is mixed with the disinfectant in a multi-chambered contact tank at the last stage of the treatment procedure to remove viruses and pathogens from the water. An efficient contact system is required for the effective

What is Aperta?



Aperta is the name of the Turkish Open Archive.

You can upload your scientific studies within the scope of Aperta to this portal or you can easily access the uploaded studies.

Institutional Repository for TUBITAK &
Research Data Repository to serve all universities

Provide open access to scientific publications and research data by adopting the "TUBITAK Open Science Policy".

What is the Scope of Aperta?

- **Safe and Reliable** – Your data is securely stored by ULAKNET as long as it exists at TUBITAK ULAKBİM.
- **DOI Support** – a Digital Object Identifier (DOI) is assigned to make records referenceable and traceable.
- **No waiting time** – as soon as you hit the Publish button, uploads are available online and your DOI is saved within minutes.
- **Open or closed** – For example, anonymized clinical trial data can only be shared with medical professionals through the restricted access mode.
- **Versioning** – Easily update your dataset with versioning
- **Usage statistics** – All downloads can be viewed with standards-compliant usage statistics.

More

2021 (v1) Journal article Open Access

Pathogenesis and treatment of cytokine storm in COVID-19

view

Mehmet ; Gokhan ; Pamir

COVID-19 is a viral infection caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) that killed a large number of patients around the world. A hyperinflammatory state resulting in a cytokine storm and adult respiratory distress syndrome seems to be the major cause of the death. Many mechanisms have been suggested in the pathogenesis of COVID-19 associated cytokine storm (COVID-CS). Insufficient viral clearance and persistence of a strong cytokine response despite inadequate antiviral immunity seem to be the main mechanisms underlying the pathogenesis. The diagnosis of

@TubitakUlakbim's Tweets

TUBİTAK ULAKBİM Retweeted
RUICİSER

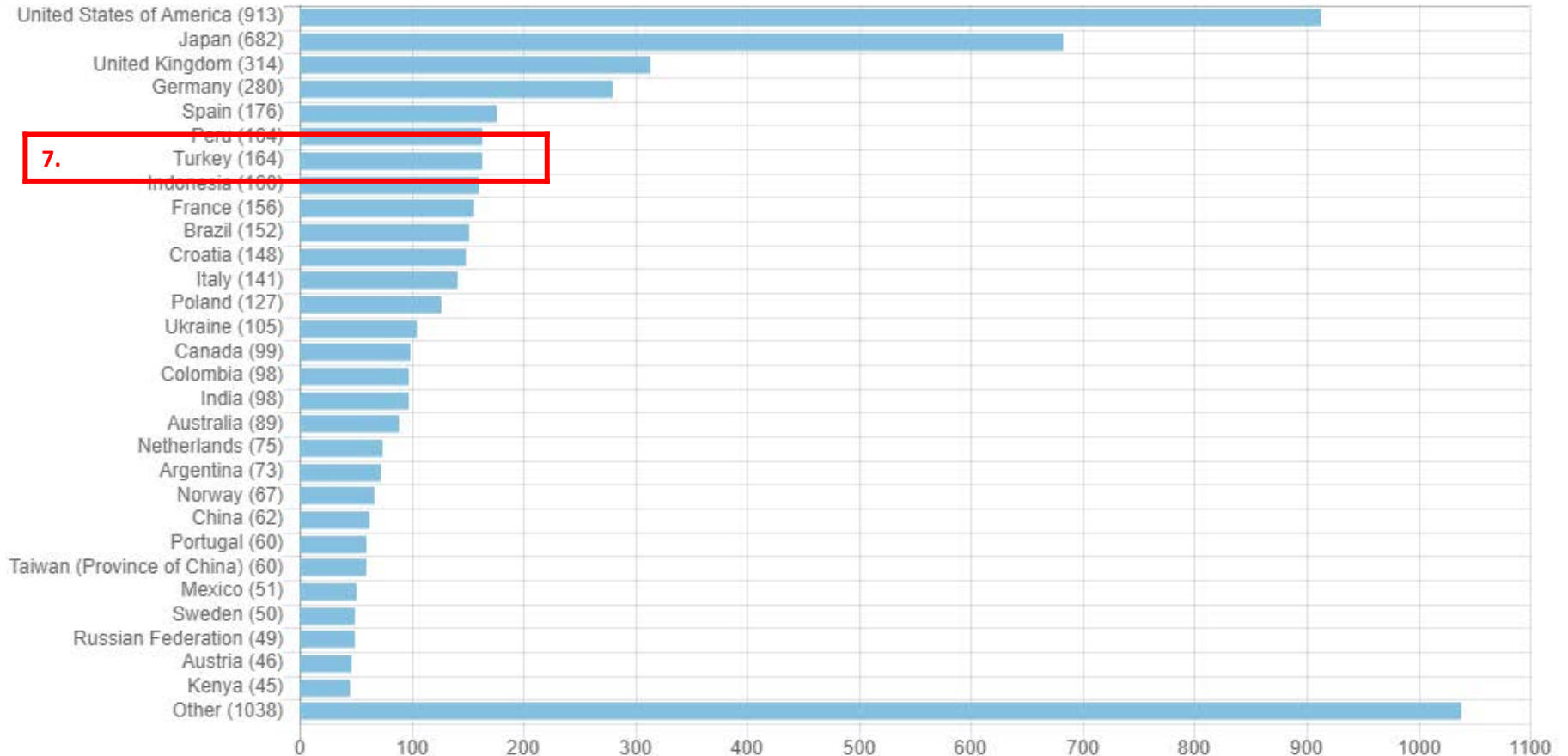
<https://aperta.ulakbim.gov.tr/>

Numbers

Services	Institutions
Harman – Turkey Academic Archive	152 (2.081.923 records)
OpenAIRE	128
OpenDOAR	164
ROAR	159
ROARMAP	109

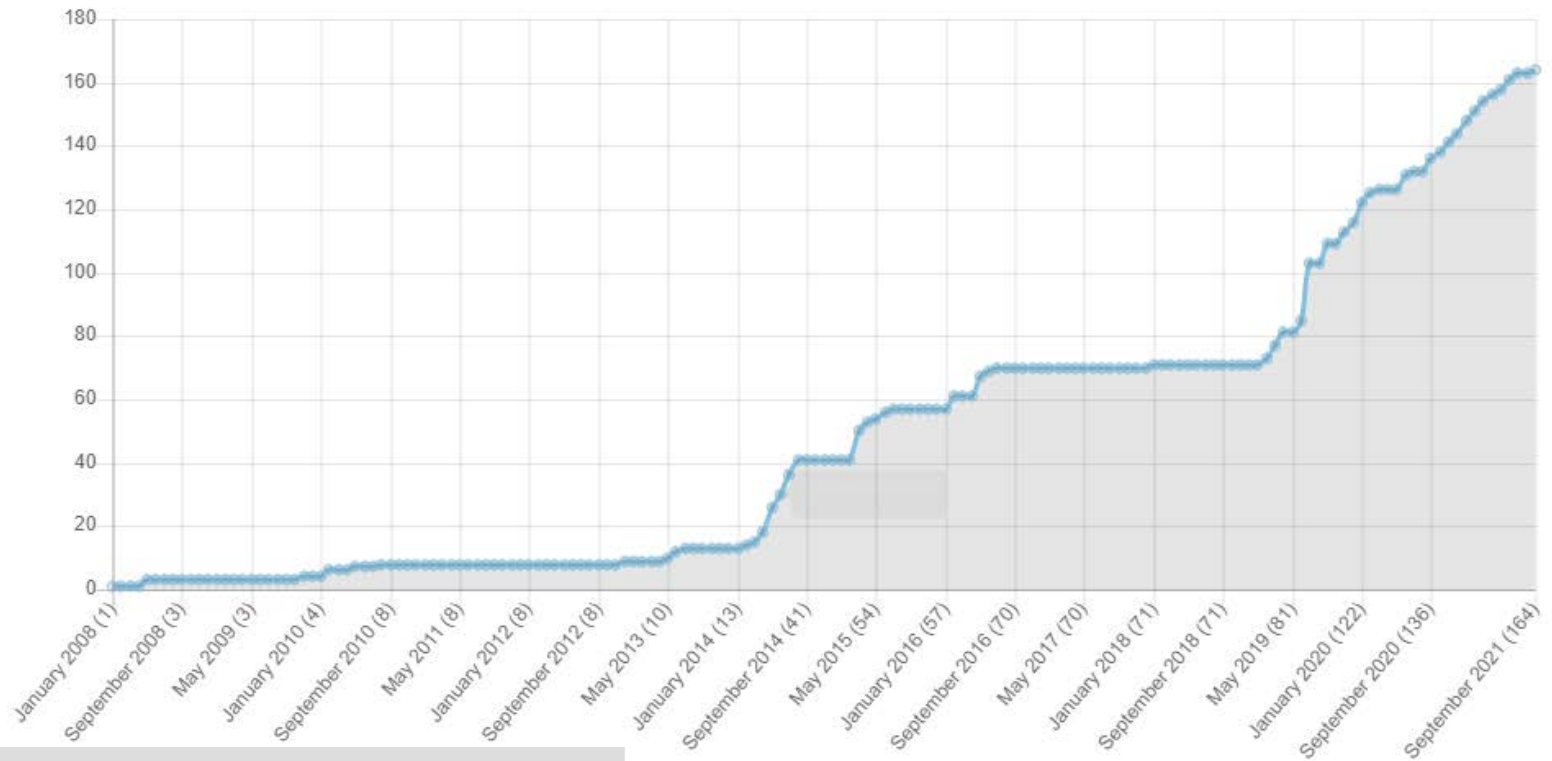
OpenDOAR Statistics: Repositories by Country

Repositories by Country

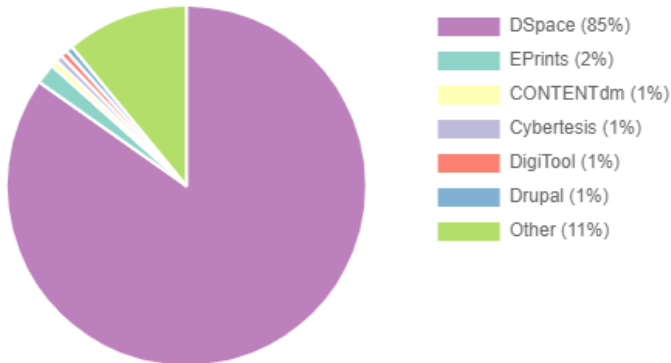


OpenDOAR Statistics: Turkey

Growth of OpenDOAR



Software Platforms Overview



https://v2.sherpa.ac.uk/view/repository_by_country/Turkey.default.html

Translations into Turkish: COAR

January 8, 2021

COAR Açık Arşivlerde İyi Uygulamalar için Topluluk Çerçevesi

Confederation of Open Access Repositories

Editor(s)

Holt, İlkay

Bu çerçevenin amacı, açık arşivlerin mevcut operasyonlarını bir dizi uygulanabilir ve başlanabilir iyi uygulamaya dayalı olarak değerlendirmesine ve iyileştirmesine yardımcı olmaktır.

COAR Community Framework for Good Practices in Repositories

Bu çalışmanın amacı, farklı türdeki (yayın, kurumsal, veri vb.) açık arşivler tarafından, farklı coğrafi ve tematik bağlamlarda benimsenebilecek ve kullanılabilen en iyi uygulamaların değerlendirmek için ilgili kriterleri küresel, çok boyutlu bir çerçevede bir araya getirmektir.

This document is translation of COAR Community Framework for Best Practices in Repositories. (Version 1) available at <http://doi.org/10.5281/zenodo.4110829> = Bu doküman COAR Community Framework for Best Practices in Repositories. (Version 1). <http://doi.org/10.5281/zenodo.4110829> künyeli yayının çevirisidir.



<https://zenodo.org/record/4428521>

Report Open Access

COAR kaynak türleri sözlüğünün 3.0 sürümünü yayınladı



Orçun Madran

11 Ağustos 2021

Açık Arşivler, COAR, Kontrollü Sözlük, Kurumsal Arşivler

Kaynak türleri sözlüğünün 3.0 sürümünün yayınlandığını duyurmaktan mutluluk duyuyoruz. 2015'ten bu yana, Kontrollü Sözlükler Editör Kurulu tarafından üç COAR Kontrollü Sözlüğü geliştirildi ve sürdürülmekte: Kaynak türleri, erişim hakları ve versiyon türleri. Bu sözlükler şimdi yeni bir görünüme sahip ve Viyana Üniversitesi Kütüphanesi bünyesinde barındırılan iQvoc platformu kullanılarak yönetiliyor.

Kontrollü sözlüklerin kullanılması, açık arşivlerin kaynaklarını

COAR Controlled Vocabularies for Repositories

çok dillilik desteği ile pek çok dilde mevcuttur. Ayrıca, özellikle bulunabilirlik ve birlikte çalışabilirlik söz konusu olduğunda, FAIR İlkeleri ve semantik teknolojiler ile uyumlu açık arşivler oluşturmada anahtar rol

Not: İlkay Holt'un COAR'daki [blog yazısından](#) Türkçe çevrilmiştir.

<https://acikerisim.org/coar-kaynak-turleri-sozlugunun-3-0-surumunun-yayinladi/#more-129>




Strengthen the IR

Türkçe English


IYTE GCRIS Database

GCRIS Database is a research and performance evaluation information system that enables searching and discovering all research outputs within the Izmir Institute of Technology research ecosystem, associating these outputs with researchers, providing advanced reporting with different metrics, and supporting corporate strategic decisions. Besides, it is an institutional repository at international standards that brings together and organizes all kinds of academic outputs related to research activities and allows sharing with the whole scientific world by providing long-term preservation.


All ▾




Publications
8050



Organisations
27




Researchers
247



Projects
982

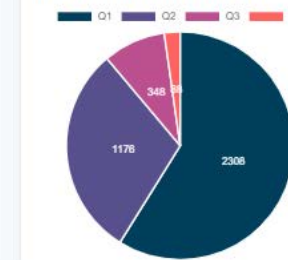
Scholarly Output



Citation Counts



Journal Distribution



Most Viewed

- Measuring the impact on children engagement in research **1,306**
Alkozaï, Wahdat
Type: Research Proposal
- Rüzgar atlaslarında, atlas noktalarının interpolasyon katsayılarının hesabı **1,192**
Bingöl, Ferhat
Type: Patent
- Experimental data showing the thermal behavior of a flat roof with phase change material **922**
Tokuç, Ayça; Başaran, Tahsin; Yeşügev, Sadık Cenaz

Most Downloaded


- Internet of things simulation using cisco packet tracer **1,258**
Thera, David
Source: Thera, D. (2020). Internet of things simulation using Cisco packet tracer. Unpublished master's thesis, Izmir Institute of Technology, Izmir, Turkey
Type: Master Thesis
- Flow cytometry: basic principles and applications **856**
Adan, Aysun; Alizada, Günel; Kiraz, Yağmur; Baran, Yusuf; Nalbant, Ayten
Source: Adan, A., Alizada, G., Kiraz, Y., Baran, Y., and Nalbant, A. (2017). Flow

Recent Submissions

- Production and characterization of porous ceramics for aircraft arresting systems **1**
Çapraz, Furkan
Source: Çapraz, F. (2019). Production and characterization of porous ceramics for aircraft arresting systems. Unpublished master's thesis, Izmir Institute of Technology, Izmir, Turkey
Type: Master Thesis
- The role of industrial design in passenger boat building: Concept design of a ferry for marine urban

[Network LAB](#)
[Statistics](#)
[Epidemiology](#)
[Email Alert](#)
[RSS Feed](#)

Print



Gürdal, Gültekin

Variants Gürdal, Gültekin, Gürdal, Gültekin

Main Affiliation Library

Email gultekingurdal@iyte.edu.tr

Other Emails gultekingurdal@gmail.com

ORCID 0000-0001-7289-8734

Scopus Author ID 55572630900

WoS Researcher ID G-1580-2016

Links [Google Scholar](#)

Website <http://web.iyte.edu.tr/~gultekingurdal/>

Status

Bibliometrics

Scopus

5
Documents

1
H-Index

9
Citations

10
Co-authors

Google

Documents

75

Citations

172 / 105
All / Since 2016

H-Index

7 / 5
All / Since 2016

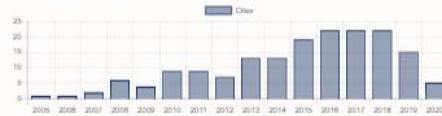
I10-Index

5 / 3
All / Since 2016

Co-authors


20

Cites Per Year



Interests

- Açık erişim
- kütüphanelik
- kütüphaneler
- bilgi yönetimi
- open access



43
Scholarly Output

9
Citation Count

0.51
Field Weighted Citation Impact

0
Supervised Theses

Publications

Articles	Conferences	Books	Book Chapters	Others
(9)	(14)	(1)	(0)	(5)

Supervised Theses

Projects

Courses

Affiliations

Educations

Biography

Competency Cloud

Research Interests

Awards

Publications

#	Issue Date	Title	Author(s)	Cited
1	2021	Jane Ann Lindley: Sihilil Dokunuş	Gürdal, Gültekin	0
2	2020	Yeni koronavirüs (COVID-19) sürecinde Türkiye'de üniversite kütüphaneleri	Çimen, Ertuğrul; Gürdal, Gültekin; Çuhadar, Sami; Akbaytürk Çanak, Tuba	0
3	2020	Koronavirüs (COVID-19) sürecinde Türkiye'de üniversite kütüphaneleri	Gürdal, Gültekin; Çimen, Ertuğrul; Çuhadar, Sami; Akbaytürk Çanak, Tuba	0

<https://gcris.iyte.edu.tr/>

Challenges

Some institutions don't have Open Science policy.

There aren't enough specialists working on open science and repositories: repository managers, librarians etc...

Lack of a national open science policy.

Policies exist on paper but not implemented in reality.

Inadequate IT support in institutions for IR implementation or developments.

Opportunities

Being part of international community is important...



COAR

Confederation of
Open Access Repositories



Thank you



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