

ORCID Connecting Reasearchers and Research

ETD23 October 25, 2023



We are here to support you





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Agenda

- You
- What & how
- Some numbers
- Open Repositories specific
- Voice of the community
- What can ORCID do for you?





Getting to know you first..

Who is here:

- Representing a university (or research organisation)?
- As a researcher
- Other? Who has an ORCID iD already?



What is ORCID and how is it used?



A Few ORCID Facts

- Research infrastructure services
- Independent not-for-profit open to participation by all
- Registry launched in 2012
- Sustained by fees from our member organizations
- Guided by our <u>values and founding</u> <u>principles</u>
- Community-governed by a Board of Directors representative of our member organisations





ORCID (Open Researcher and Contributor Identifier) provides three main services

The **ORCID iD**

A unique, persistent identifier free of charge to researchers <u>https://orcid.org/0000-0002-6103-5034</u>



2. An ORCID record/profile

Connected to the ORCID iD, that can include employment, education and research output metadata



3. Application Programming Interfaces (APIs) To enable the data exchange between ORCID records and member organizations



Your ORCID record can contain..

Researchers & Members can add:

- Employment affiliations
- Educational affiliations
- Funding information
- Publications & outputs (works)
- Professional activities
- Non-sensitive personal information: keywords, countries and other IDs

Members can add:

- Peer Review
- Research Resources

(D	• Is this you? Sign in to start editing	🖨 Printable versio
https://orcid.org/ 0000-0001-5727-24	Published name Sofia Maria Hernandez Garcia	
	Name Also known as Sofia Garcia S. M. Garcia, Sofia Maria Garcia	>
Emails	Biography Sofia Maria Hernandez Garcia is used for testing and demonstrating ORCID records.	
s.garcia@orcid.org		Expand all
Websites & social links	> Activities	
Faculty profile webpage	> Employment (2)	, F Sort
Other IDs	> Education and qualifications (4)	, F Sort
Profile system identifier: A-123456 ResearcherID: L-8716-2018 eScientist: 0000-0001-5727-2427	> Invited positions and distinctions (3)	, F Sort
Countries	> Membership and service (2)	<u></u> F Sort
United States	> Funding (1)	, Fort
	> Research resources (2)	, Sort
	> Works (7)	, F Sort
	> Peer review (2)	, Fort



ORCID also solves name variation challenges





Researchers connect their ORCID iDs via authentication, guaranteeing correct attribution and permissions

	ORCID Authorize access You are currently signed in as: Paloma Marín-Arraiza https://orcid.org/0000-0001-7460-7794 Sign out	 User signs in. This guarantees their ORCID iD is corectly attributed and connected.
Create or Connect your ORCID iD	University of Milan - Riviste has asked for the following access to your ORCID record: Image: Comparison of the following access to your or the following a	Who is asking
	Authorize access Deny access If authorized, this organization will have access to your ORCID record, as outlined above and described in further detail in ORCID's privacy policy. You can manage access permissions for this and other Trusted Organizations in your account settings.	Which permissions are given

ORCID member organizations add validated information

When an ORCID member updates an ORCID record, the source (provenance) of that update is captured for re-use:

- Research organizations add affiliations
- Publishers add outputs and reviews
- Funders add funding items

These provide **'trust markers'** that can be used to help in decision making.

University of Oxford: Oxford, Oxfordshire, GB
(Said Business School) Employment
Source: ORCID Integration at the University of Oxford
✓ Review activity for British journal of Cancer (1)
Journal, British journal of Cancer ISSN: <u>1532-1827</u>
Review date: 2020-11-16 Type: Review Role: Reviewer
Source: Nature Publishing Group



Researchers are correctly identified with ORCID and their work is attributed to them





They have then a portable record of their work to be used throughout their research career

https://orcio		Published name Juan L. Cantalapiedra		Printable version
		Name Juan L. Cantalapiedra	Also known as Juan L. Cantalapiedra	>
Websites & social linl	ks >	Activities		Collapse all
Research Gate		~ Works (20)		≓ Sort
Other IDs	>			
Scopus Author ID: 54885	5434100	A macroevolutionary pathway to megal	nerbivory	
ResearcherID: L-2135-20	014	Science 2023-05-12 Journal article DOI: 10.1126/science.ade1833		Show more detail
Keywords	>	CONTRIBUTORS: Oscar Sanisidro; Matthew C. I	/lihlbachler; Juan L. Cantalapiedra	
evolution, ecology, phylo	ogeny, mammals	Source: Crossref		
		Folded : A toolkit to describe mammalia	n herbivore dentition from 2D images	
Countries	>	Methods in Ecology and Evolution		Show more detail
Spain		2023-02 Journal article DOI: <u>10.1111/2041-210X.14042</u> CONTRIBUTORS: Oscar Sanisidro; Ignacio Arga	nda-Carreras; Juan L. Cantalapiedra	
		Source: Crossref		



Researchers are always in the centre, benefiting from the Virtuous Circle of Interoperability





Enter information once, reuse it often









Profile

Experience

Publications

Orcid Id

Scopus Id

35273899600

E-4846-2011

İD

Indian Institute of Technology (ISM) Dhanbad **Faculty Profiles**

Edit Profile Vidwan-ID : 97673 In Publications 2007 - 2023 Prof Prashant Kumar Sharma Associate Professor Indian Institute of Technology (ISM) Dhanbad Publications Personal Information 85 12 Journal Articles Book Chapter 20 19 3 1 Conference Retracted Review Editorial **a** S Expertise Information 1 2 14 Proceedings 132 Education Qualification Citations / H-Index * Academic Identity **55** 3502 3519 33 н H-INDEX CITATIONS CROSSREE CITATIONS 0000-0001-5283-0901 Altmetrics 6 🔰 14 f 21 155 G+ 7 **Researcher Id**

ORCID iD

	Is this you? Sign in to start editing	Printable version
https://orcid.org/ 0000-0002-1789-3576	Name Prashant Kumar Sharma	
	Activities	Collapse all
Other IDs >	 Education and qualifications (3) 	 Sort
Scopus Author ID: 57199422256		
	Banaras Hindu University: Varanasi, Uttar Pradesh, IN	
Keywords >	2013-11-10 to 2020-10-01 PhD (Institute of Environment & Sustainable Development) Education	Show more detail
Environment, Water Pollution, Air pollution, Nanotechnology, Sensors	Source: 🙁 Prashant Kumar Sharma	
Countries >	Banaras Hindu University: Varanasi, Uttar Pradesh, IN	
India	2008-08-10 to 2011-05-10 M.Sc. (tech.) Environmental Science & Technology (Faculty of Science) Education	Show more detail
	Source: 🙁 Prashant Kumar Sharma	

B Is this you? Sign in to start editing

iD

ORCID adoption



ORCID is actively used by researchers around the world



Countries with member organizations worldwide



Researcher adoption worldwide



D ORCID internal reporting data - Public data can be viewed at https://info.orcid.org/orcid-statistics

Name	Researchers A	Affiliations	Aligarh Muslim University	2,730	4,194
Indian Institute of Technology Kharagpur	5,802	7,171	Anna University Chennai	2,708	3,157
Indian Institute of Technology Bombay	5,477	6,639	All India Institute of Medical Sciences	2,595	3,616
University of Delhi	5,459	7,126	Annamalai University	2,562	3,571
Indian Institute of Science	5,240	6,410	Vellore Institute of Technology University	2,446	2,932
Indian Institute of Technology Delhi	4,579	5,547	Bharathiar University	2,341	3,045
University of Calcutta	4,466	5,933	Panjab University	2,250	3,151
Indian Institute of Technology Madras	4,384	5,244	Bharathidasan University	2,237	3,006
Indian Institute of Technology Kanpur	3,944	4,773	University of Hyderabad	2,201	2,771
Indian Institute of Technology Roorkee	3,810	4,537	Lovely Professional University	2,176	2,515
Banaras Hindu University	3,530	4,699	Pondicherry University	2,157	2,631
Jadavpur University	3,387	4,406	Anna University, Chennai	2,153	2,488
Jawaharlal Nehru University	3,239	4,264	Osmania University	2,119	2,681
Amity University	2,857	3,367	University of Mumbai	2,099	2,625
University of Madras	2,820	3,579	Indian Science Congress Association	1,963	2,003
Indian Institute of Technology Guwahati	2,815	3,312	Andhra University	1,921	2,520

iD

ORCID internal reporting data - Public data can be viewed at https://info.orcid.org/orcid-statistics

Auto-updates save researchers' time and build trust



Connect their ORCID iD to their author's profile in the corresponding platform Introduce the authors' ORCID iD in the metadata when the manuscript or output is accepted.

Check the authors' ORCID iD in the metadata when assigning a DOI to new publications or outputs. The publication or output is automatically added to the authors' ORCID record.



https://support.orcid.org/hc/en-us/articles/360006896394-Auto-updates-time-saving-and-trust-building

Crossref adoption in India to date



Persistent identifiers for scholarly publication and grants https://doi.org/10.24069/SEP-21-05

Org Type	Count of Org Type
Publisher	614
Society	162
University	106
Other	36
Research Institute	23
Government Agency/NGO	19
Researcher Service	4
Research Funder	2
Grand Total	967



And yes, it is still important to write data to records as a university

- Increased trust
 - More assertions = more trust
 - Items are grouped on the record
- Increases discoverability and impact
- Internal analysis and reporting
- Provide recognition



ORCID & Open Repositories



Several open-source repositories and publishing platforms are already ORCID integrated



Check the complete list and documentation: https://info.orcid.org/vendors-and-service-providers/orcid-certified-service-providers-list/

DSpace offers an integration with ORCID

- DSpace as an ETD Repository
- <u>DSpace version 7.x</u> are ORCID-enabled

DSpace ETD related metadata can capture

- Author
- Advisor
- Date submitted
- Persistent identifier, such as DOI and handles (there are <u>many more supported</u> by the API!)
- Work type = <u>dissertation-thesis</u>





The authenticated ORCID iD is added to the repository

entry		S BRASIL			Simplifique!	Participe	Acesso à informação	Legi
•	() UFU	A Home B	rowse - About - Ti	utoriais - ORCID -	Contact	Searc	h DSpace	٩
	Repositório l	nstitucional - Uni	iversidade Federal de l	Jberlândia / Institu	ito de Química (IC	Qufu) / Dis	SERTAÇÃO - Química	
	Please use th	is identifier to cite	e or link to this item: htt	ps://repositorio.	ufu.br/handle/1	23456789/39	033	
	ORCID:	b http://orcid.c	org/0000-0002-9936-209	ЭХ				
	Document type:	Dissertação						
	Access type:	Acesso Aberto						
	Title:	Estudo químico	do óleo essencial e extr	ato de Pleroma gran	ulosum e avaliação	o de atividade	antioxidante e antifúngio	a
	Alternate title (s):	Chemical study	of the essential oil and e	extract of Pleroma gr	anulosum and eva	luation of anti	oxidant and antifungal A	ctivity
	Author:	Marques, Thayw	vane Azevedo					
	First Advisor:	Sousa, Raquel M	Maria Ferreira de					



E

The validated work is then added to the ORCID record

V Works (1)



Show more detail

Estudo químico do óleo essencial e extrato de Pleroma granulosum e avaliação de atividade antioxidante e antifúngica

2023-08-28 | Dissertation/Thesis DOI: <u>10.14393/ufu.di.2023.492</u> OTHER-ID: <u>123456789/39033</u> CONTRIBUTORS: Sousa, Raquel Maria Ferreira de; Martins, Carla de Moura

Source: 🤣 Universidade Federal de Uberlândia - Repositório Institucional

Asserted source - increases trust

ePrints also offers an integration with ORCID

- ePrints as an ETD Repository
- <u>ePrints repositories</u> are ORCID-enabled

ePrints metadata can capture

- Author/Creator
- Editor
- Date submitted
- Persistent identifier, such as DOI or URN
- Education and Employment affiliations



Connecting Research and Researchers



The authenticated ORCID iD is added to the repository

entry

LUDWIG- MAXIMILIAN UNIVERSITÄ MÜNCHEN	OPEN ACCES	S LMU	UB B Deutsch
FACULTIES RESEARCH CENTERS	Otto, Ulf 👩 (2001): Unters siefs. Master of Arts, Humb	suchungen zu Inszenierungen Christoph Schlingen- oldt-Universität	+ BASE + Google Scholar
PERSONS SUBJECTS	Full text not available from 'Op		
KEIMELION	Item Type: Faculties:	Thesis (Master of Arts) History and Art History > Department of Art History > Theatre Studies	BibTeX EndNote HTML
LUDOVICO-MAXIMILIANEA	 Subjects: Place of Publication: 	700 Arts and recreation > 790 Sports, games and entertainment > 792 Stage presentations Berlin	Reference Manager Text Citation
	Annotation:	Unveröffentlicht	
	Language: Item ID:	German 70853	
	Date Deposited: Last Modified:	04. Mar 2020 19:33 03. Aug 2022 17:21	



The validated work is then added to the ORCID record

2001 Dissertation/Thesis Author	Show more detail
OURCE-WORK-ID: 70853	
JRI: https://epub.ub.uni-muenchen.de/70853/	
CONTRIBUTORS: UIF Otto	
Source: 📀 Ludwig-Maximilians-Universität München	



The authenticated ORCID iD is added to the repository entry

Learning Motion Skills for a Humanoid Robot

Bestmann, Marc (2023) Learning Motion Skills for a Humanoid Robot. Dissertation, Universität Hamburg.

Official URL: https://ediss.sub.uni-hamburg.de/handle/ediss/10470

Abstract

This thesis investigates the learning of motion skills for humanoid robots. As groundwork, a humanoid robot with integrated fall management was developed as an experimental platform. Then, two different approaches as for creating motion skills were investigated. First, one that is based on Cartesian quintic splines with optimized parameters. Second, a reinforcement learning-based approach that utilizes the first approach as a reference motion to guide the learning. Both approaches were tested on the developed robots to show their generalization. A special focus was set on the locomotion skill, but a standing-up and kick skill are also discussed. Diese Dissertation beschäftigt sich mit dem Lernen von Bewegungsfähigkeiten utersuckt. Here haven a special metavises and the standing-up and kick skill are also discussed. Diese Dissertation beschäftigt sich mit dem Lernen von Bewegungsfähigkeiten untersuckt. The unanoider Als Grundlage wurde zunächst ein humanoider zunächst ein humanoider avei verscheden abstrepter für a bestanding-up and the zunächst ein humanoider avei verschaftigt sich mit dem Lernen von Bewegungsfähigkeiten untersuckt. Diese Provente auf die Pähigkeit des Generaliserbewegung behauter. Beide Anstz vas Kerenzbewegungsfähigkeiten untersuckt. Danach wurde ein Anstz basierend auf bestärkendem Lernen untersuckt, welcher den ersten Anstz als Referenzbewegung benutzt. Beide Anstz vurden sowohl auf der entwickelt weiteren simulierten Robotern getestet um die Generalisierbenet zu zeignet. Fokus wurden sowohl auf der entwickelt en verden diskuit des Generalisierbeiten verden diskuitert.

PDF 14MB

Item URL in elib: https://elib.dlr.de/197618/

Document Type: Thesis (Dissertation)



Open Access: Yes

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In SCOPUS: No
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In ISI Web of Science: No

Number of Pages: 209

Keywords: Robotik Maschinelles Lernen Software Bestärkendes Lernen Humanoider Roboter Robot Operating System

Institution: Universität Hamburg

Department: Fachbereich Informatik

DLR - Research area: Raumfahrt

DLR - Program: R RO - Robotics

Location: Hamburg

Institutes and Institutions: Institute of Maintenance, Repair and Overhaul > Maintenance and Repair Technologies

B------

The validated work is then added to the ORCID record





Voice of the Indian community



Graduate Students



NAME

NAME


Library staff ORCID experiences



- 1. The INFLIBNET Centre is a Member Organization of ORCID.
- 2. Our initiatives and plans:
 - a. Integration of ORCID iD with IRINS (Indian Research Information Network System) (Already integrated)
 - b. Integration of IRINS with DSpace-CRIS through ORCID iD (In-process/On-trial)
 - c. Integration of ORCID iD with Shodhganga Theses repository. (Our next job)



Our initiatives and plans:

a. Integration of ORCID iD with IRINS (Already integrated, in-use)

- For IRINS Faculty profiles: import publications based on ORCID iD of the individual faculty concerned,
- For deduplication purpose: import and update publications from ORCID,
- Work is on progresson for single sign-on authentication through ORCID iD for IRINS/VIDWAN.
- Work is on progress to write data (Affiliation and Work) from IRINS to ORCID and vice versa.

(As of now, we are only reading data and pulling the same from ORCID to IRINS)







Indian Institute of Technology (ISM) Dhanbad **Faculty Profiles**





Our initiatives and plans:

b. Integration of IRINS with DSpace-CRIS through ORCID iD (In-process/On-trial error phase)

- Single sign-on authentication to DSpace-CRIS with ORCID iD (Already tested),
- Import and update publications to IR from ORCID,
- Based on ORCID iD, writing and pulling of data to IRINS to DSpace CRIS and vice versa.

c. Integration of ORCID iD with Shodhganga Theses repository. (Our next job)



Faculty Profile









ORCID's Global Participation Fund:

The INFLIBNET Centre has been awarded ORCID's Global Participation Fund for the period from 1st August, 2023 through 31st July, 2024 to create awareness on the use and benefits of ORCID iD and engagement within the academic and research community. In that we are going to conduct 20 Outreach Programmes at different HEIs across India. Already conducted 03 programmes at Kerala, Karnataka, and West Bengal.



How can you benefit, and contribute?



For researchers: Unleash Your Research Identity!

- Distinguish yourself
- You own and control the record
- Save yourself time
- Increase trust





How?

- Go to orcid.org and get your ORCID iD
- ADD A 2ND (PERSONAL) EMAIL ADDRESS! This ensures you will always have access
- Add your aliases, other IDs you may have
- Login to your organisation's system(s) by using ORCID
 - (Ask them to integrate with ORCID if not available yet)
- Register your ORCID iD with INFLIBNET (e.g. IRINS)
- Grant read and write access whenever possiible
- Populate your record using our connected Search & Link services
- Continue doing research, and your research contributions will flow into you record autoMAGICally



Register for an ORCID iD, it's free! <u>https://orcid.org</u>





For Universities: Increase your research impact

- Enhance your research management processes
- Improve your and your researchers visibility
- Save time and resources
- Increase trust
- Track your alumni
- Participate in ORCID's direction

How?

- Become an ORCID member
- Develop PID policies (incorporate FAIR principles)
- Encourage researchers to have an ORCID iD
- Have your researchers authenticate their ORCID iD with your university system(s)
- Use and reuse the connected ORCID record's data (Save time and resources)
- Write data to ORCID records (any data can be written, but these are key:)
 - Employment
 - Education
 - Works
 - Funding



Connect your Repositories with ORCID

Institutional, Data and eTD Repositories

- 1. Read, write and synchronize data between your repositories and ORCID
- 2. Ensure your researchers and students are recognized with their ORCID iDs in the university's repositories
- 3. Improve the discoverability of your university's research outputs by listing them in ORCID records which are indexed by the major search engines and research indexes





Forming an ORCID Consortium for India

- A 'Community of Practice'
 - Local support and expertise
 - Interact on your own language
- National PID Policy?
- Power of the Collective
 - o **1+1=3**
 - Share and learn with our international consortia
 - More influence with vendors
- Participate in ORCID's direction and impact







Become part of a growing member community

ORCID consortia around the world

- 27 National consortia
- 1 Regional consortium

Finland

France

Ireland

Israel

Italy

Japan

l atvia

Germany

Australia Austria Belgium Brazil Canada Chile Czech Republic Denmark Netherlands New Zealand Norway Mexico South Africa Sweden Taiwan United Kingdom

Ukraine United States - Federal Government United States - Non-profits

Latin America and Caribbean (Regional)

Current consortium conversations: Angola, Greece, Spain, Sri Lanka, and Regional Sub-Saharan Africa.









Thank you very much, and have a great ETD 2023!

