CREATING AND MANAGING YOUR SCHOLARLY IDENTITY (AUTHOR IDs)

IIT GANDHINAGAR – LIBRARY
PANNA CHAUDHARI

TODAY: AN OVERVIEW

- Introduction
  - What is Scholarly Communication?
  - What is Scholarly identity?
    - ✓ Importance of creating and managing scholarly identity
    - ✓ Benefits of Scholarly Identity
    - ✓ Establishing Scholarly Identity
    - ✓ Managing Scholarly Identity
    - ✓ Tools for Creating and Managing Scholarly Identity
    - ✓ Strategies for Promoting Scholarly Identity
- Best Practices
- Challenges and Limitations
- Future Directions
- Conclusion

SCHOLARLY COMMUNICATION

- System through which research and other scholarly writings are created, evaluated for quality, disseminated to the scholarly community, and preserved for future use.
- It includes both formal means of communication, such as publication in peer-reviewed journals, and informal channels, such as electronic listservs.
- Scholarly communication is frequently defined or depicted as a lifecycle documenting the steps involved in the creation, publication, dissemination and discovery of a piece of scholarly research.

WHAT IS IDENTIFIER?

- An identifier is a unique expression in a written format either
  - ✓by a code
  - ✓by numbers
  - ✓by the combination of both

to uniquely distinguish variations from one to another among a class of individual, organizations, entitles, substances, items, or objects…

- Naming or assigning a unique identifier to the entities makes it possible to refer to them, which is essential for any kind of symbolic processing.

  Publications: Ex. ISBN,ISSN, DOI

  General Ex. Aadhaar ID, PAN Number, Voter ID etc.

WHAT IS IDENTIFIER?

- There are a variety of researcher ID management tools available to help :

✓ORCiD

✓Researcher ID (Web of Knowledge)

✓Scopus Author ID

✓Google Scholar

✓MR Author ID

✓International Standard Name Identifier (ISNI)

✓VIDWAN ID (INFLIBNET)

WHAT IS SCHOLARLY IDENTITY?

- Similarly, to distinguish one author/scholar from another Scholar IDs are assigned
- Scholarly identity refers to the:
  - ✓ Public face or persona that a researcher or academic presents to the world.
  - ✓ It encompasses a range of factors, including a researcher's professional background, research interests and expertise, publications, teaching experience, and professional affiliations.
  - ✓ In today's digital age, a researcher's scholarly identity may also include their online presence, such as professional websites, social media profiles, and academic networking profiles.
  - ✓ In what ways are you engaged in Scholarly communication online?
  - ✓ How do you want to be portrayed? – For those that engage online, who do you interact with the most online? Do you tailor your communication for this audience?

WHY DO RESEARCHERS NEED A UNIQUE IDENTIFIER?

As a researcher, you want to..

- Eliminate name ambiguity by uniquely distinguishing you from rest others
- Ensure your work is discoverable & connected
- Organize all your research output & enable research assessment
- Collect & analyze associated metrics – increase impact
- Ensure your research is correctly credited
- Streamline research workflow: manuscript & grant submissions, tracking of funded research
- Promote your research, improve networking & find collaborators
- Support transparency in scientific activities
- Minimize time to spend repetitive data
- Have Author affiliation (ownership)
- Career advancement

PRIORITY PERSISTENT IDENTIFIERS

Some high priority persistent identifiers that could be used for improving access to the research.

- Crossref and DataCite DOIs for outputs (especially articles and data, funding grants of all kinds) (over 115M Crossref DOIs and 30M DataCite DOIs)
- Open Researcher and Contributor Identifier (ORCID) IDs for people (close to 8.9M)
- Research Activity Identifiers (RAiDs) for projects
- Research Organization Registry (ROR) identifiers for organisations (over 1Lakh identifiers)

ESTABLISH SCHOLARLY IDENTITY

- Publishing research articles
- Presenting at conferences
- Creating a website
- Building a social media presence

MANAGE SCHOLARLY IDENTITY

- Updating publication records
- Monitoring online presence
- Engaging with other researchers and scholars

TOOLS FOR CREATING AND MANAGING SCHOLARLY IDENTITY

- ORCID
- Researcher ID (Web of Science)
- Scopus Author Profile
- Google Scholar
- ResearchGate
- Academia.edu
- Mendeley
- LinkedIn
- Twitter etc…

QUICK POLL

Which profile management tool(s) are you familiar with?

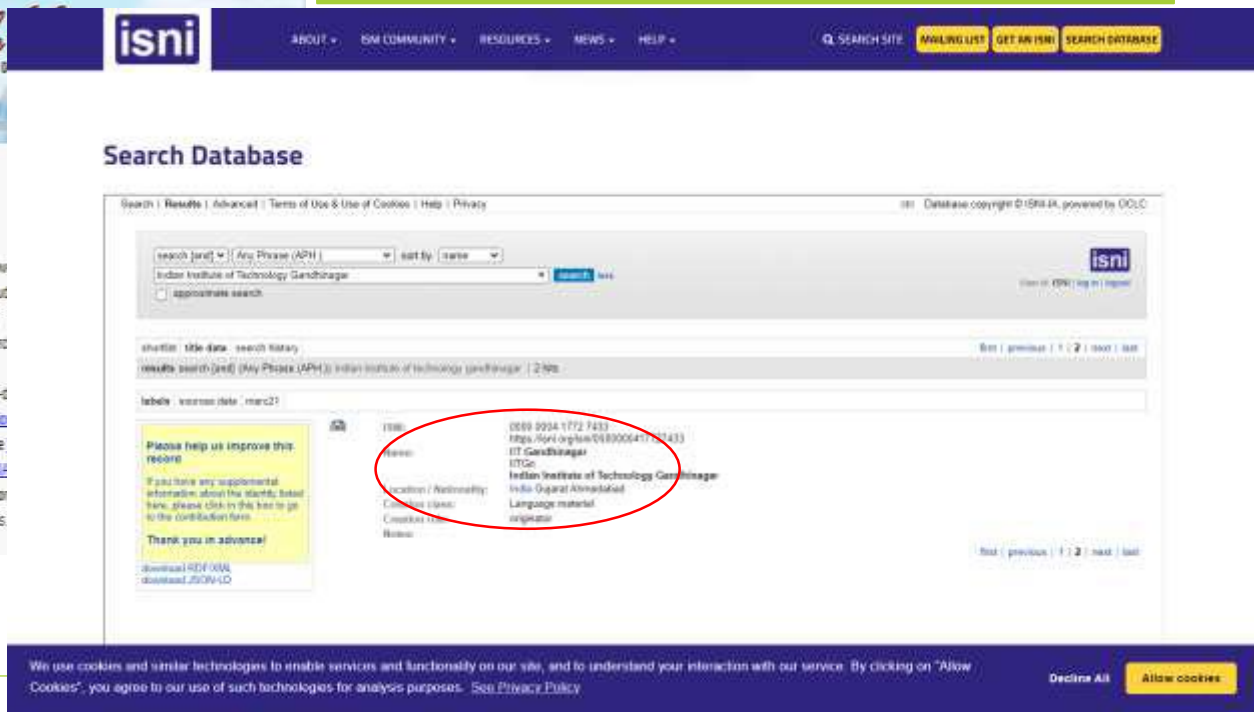
- ORCID
- Research ID (Web of Science)
- Scopus Author Profile
- Google Scholar
- Mendeley
- Research Gate etc…

ENHANCE YOUR RESEARCH IMPACT

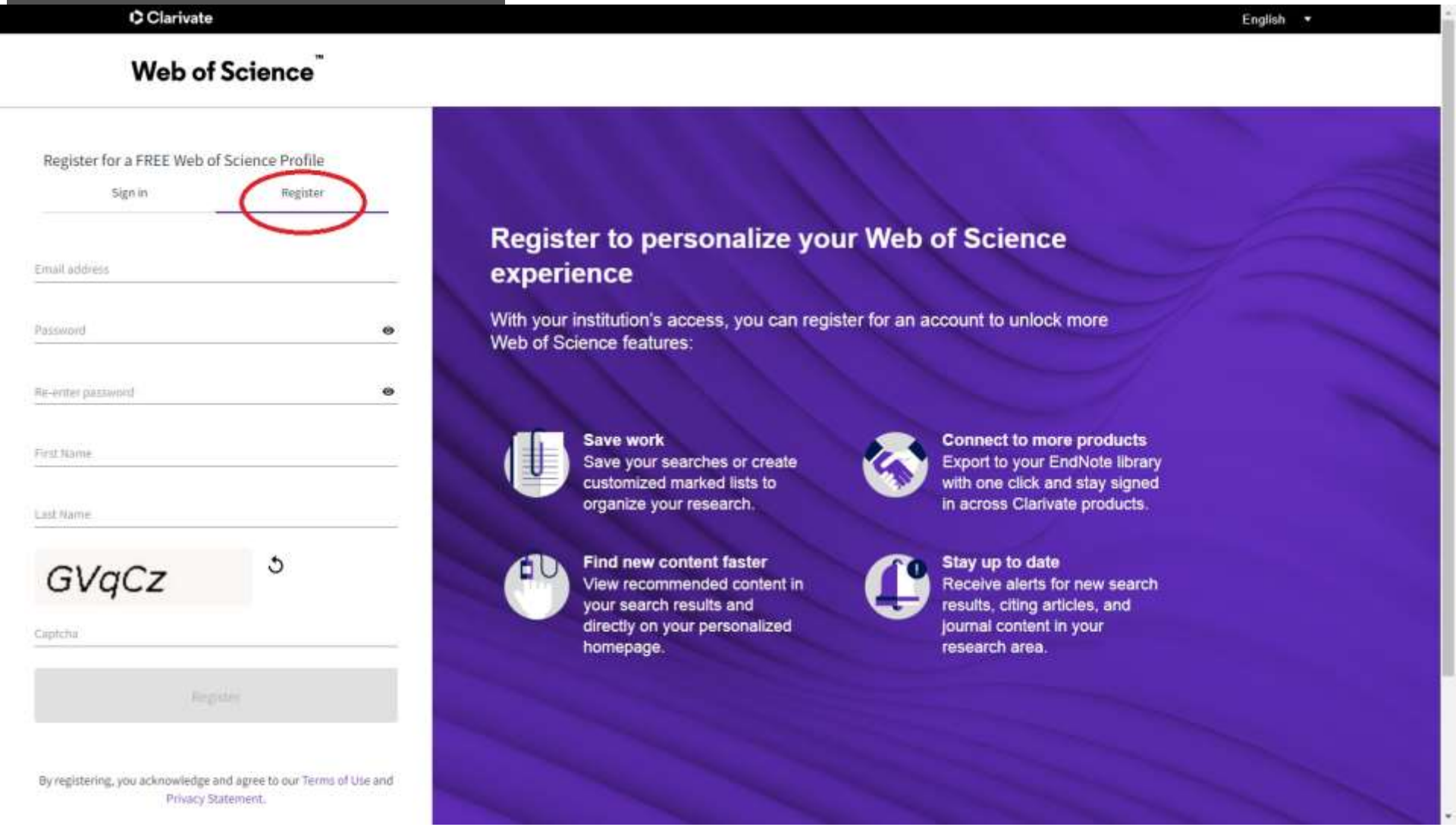
- International Standard Naming Identifier (ISNI)
- Proprietary Author Identifiers:
  - Researcher ID (Web of Science)
  - Scopus Author ID
  - Google Scholar Profile
  - Dimensions
  - VIDWAN ID
  - IRINS: Indian Research Information Network System
  - MathScinet- Mathematical Reviews (MR) Author ID
- **ORCiD - Open Researcher and Contributor ID**

INTERNATIONAL STANDARD NAMING IDENTIFIER

- Started in 2012 as non-for profit agency
- 11.02 million identities
- 10.11 million individuals
- 2.91 million are researchers
- 912,991 organizations



RESEARCHERID WEB OF SCIENCE RESEARCHER ID



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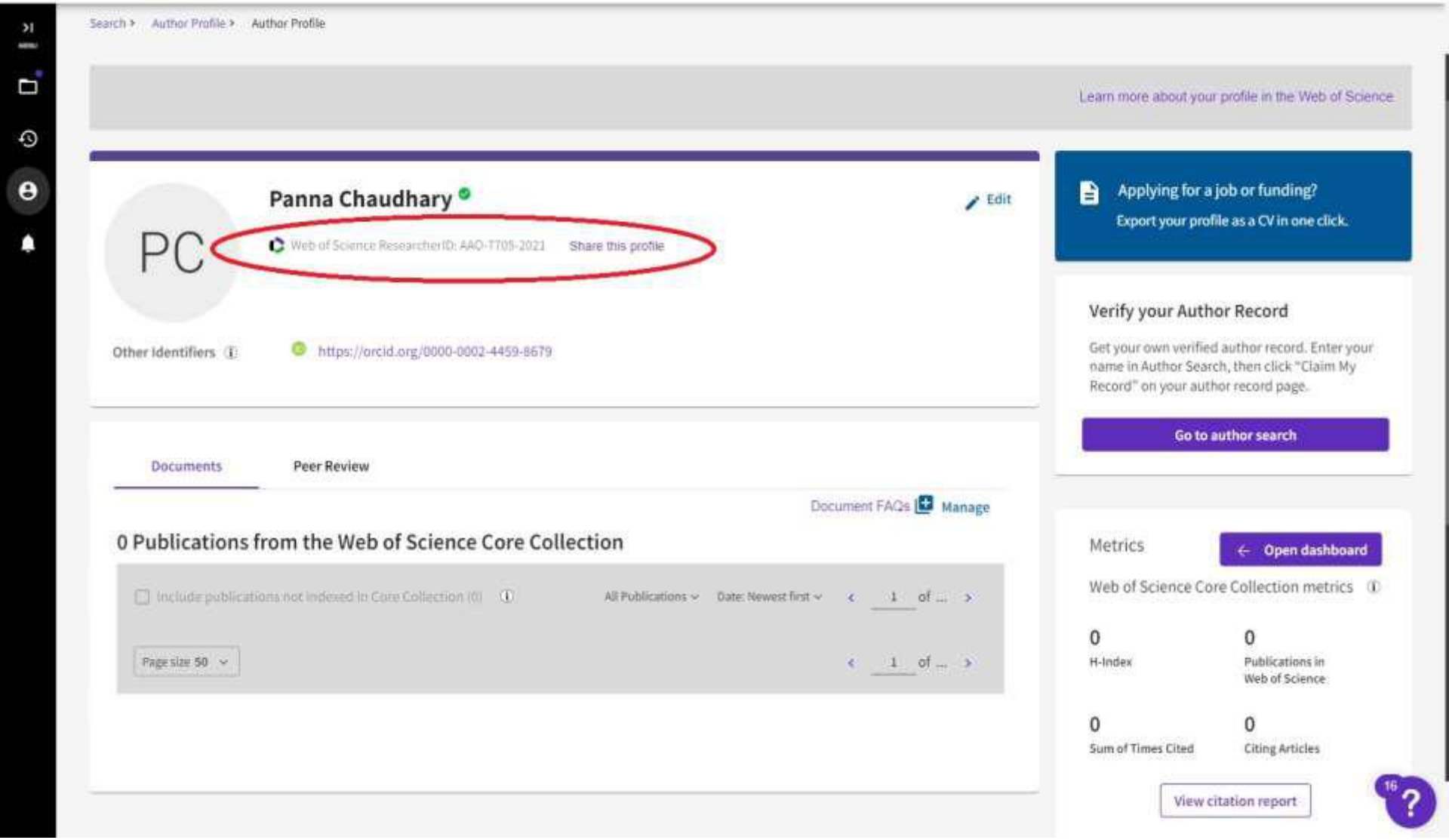

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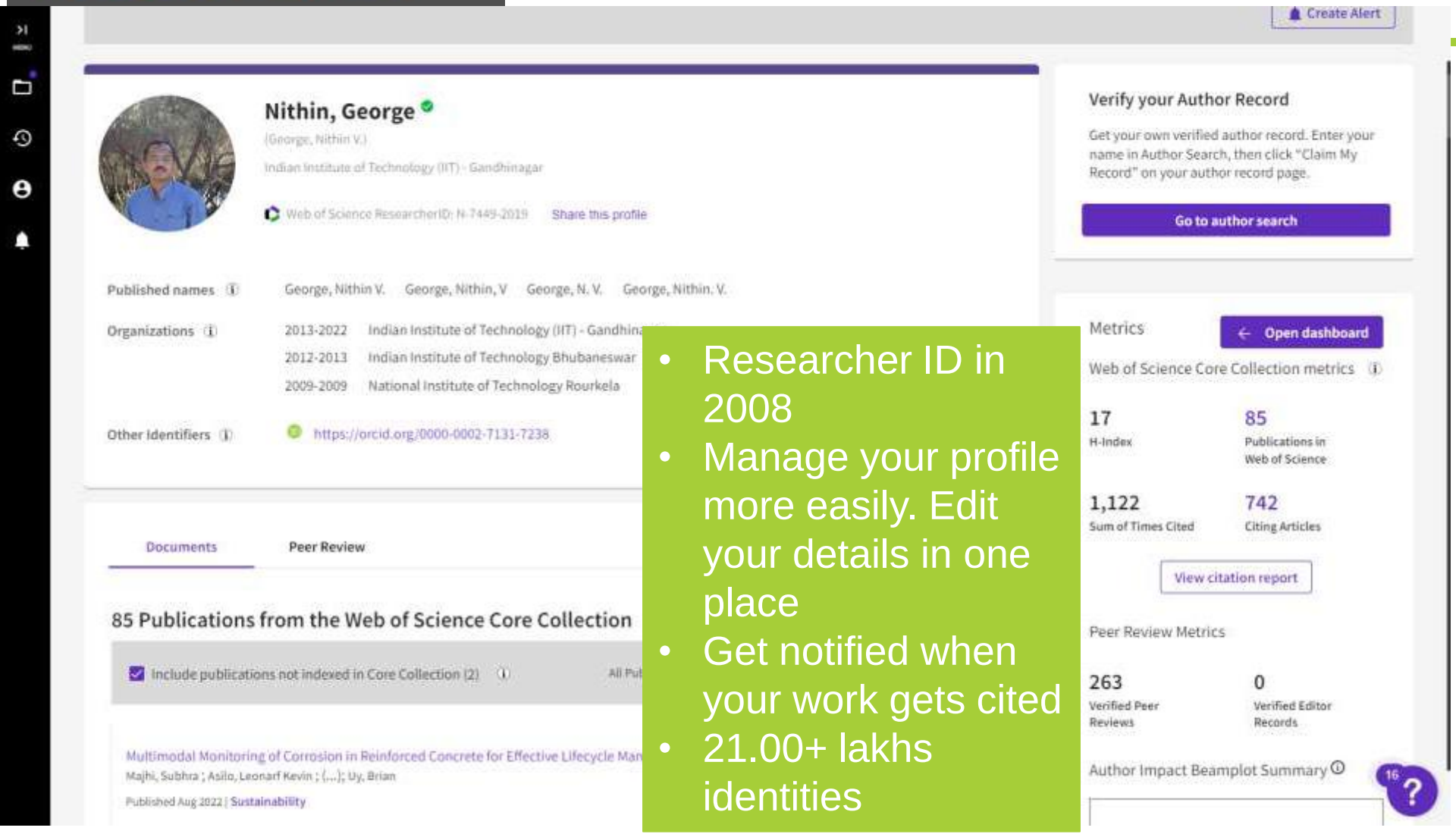
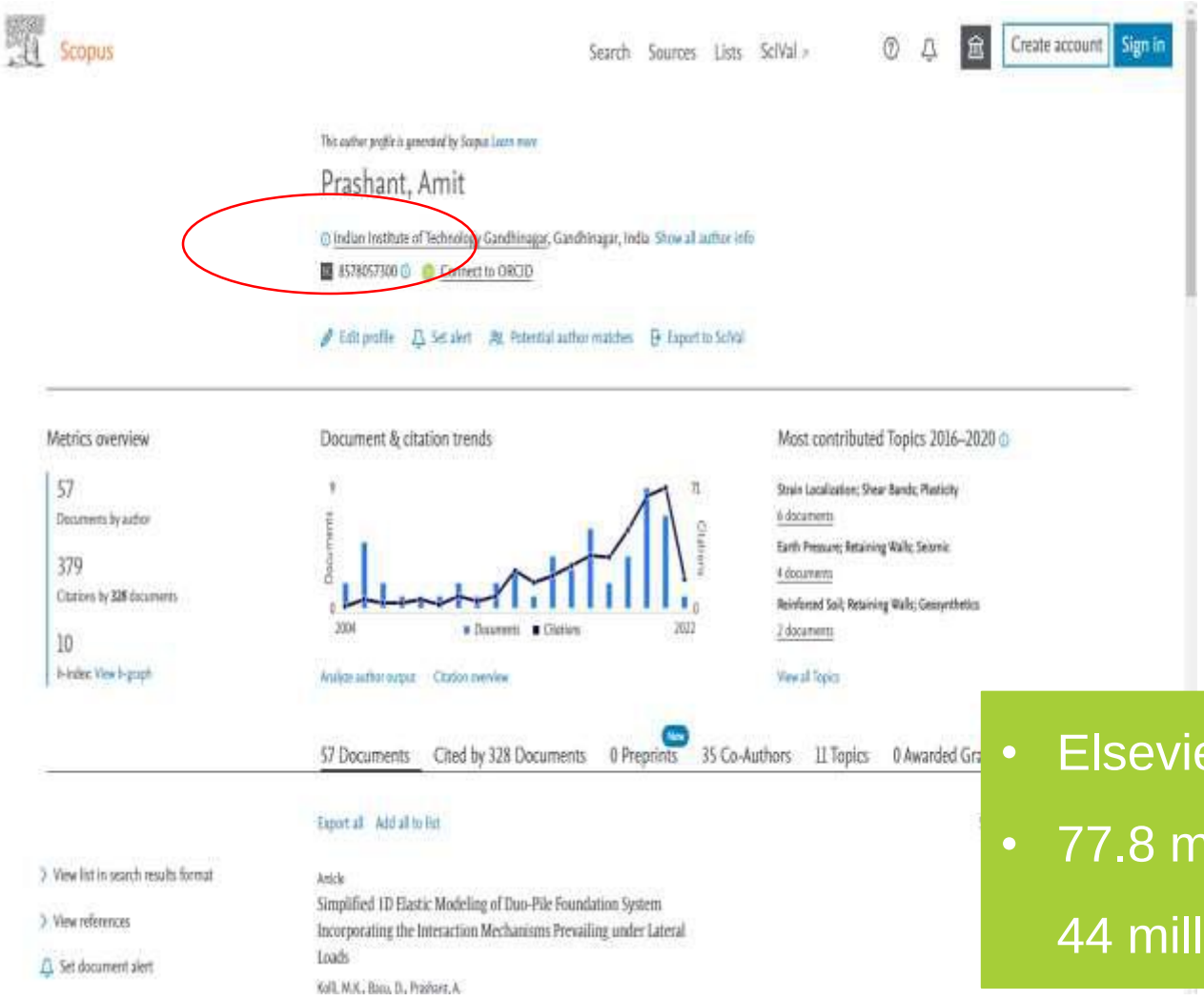


- Researcher ID in 2008
- Manage your profile more easily. Edit your details in one place
- Get notified when your work gets cited
- 21.00+ lakhs identities

Scopus®

SCOPUS AUTHOR ID

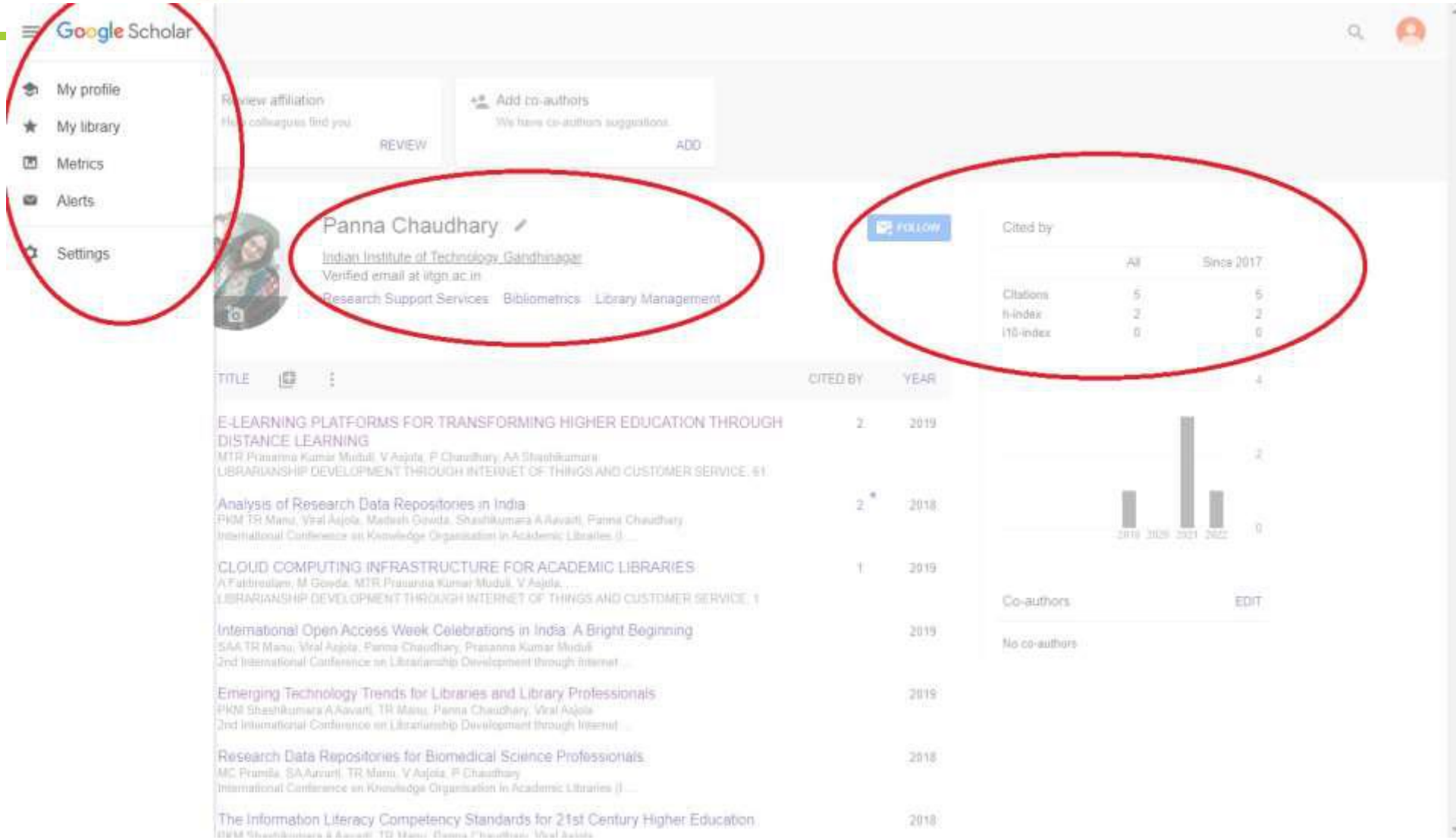


- Elsevier Science in 2004
- 77.8 million records including 44 million patents

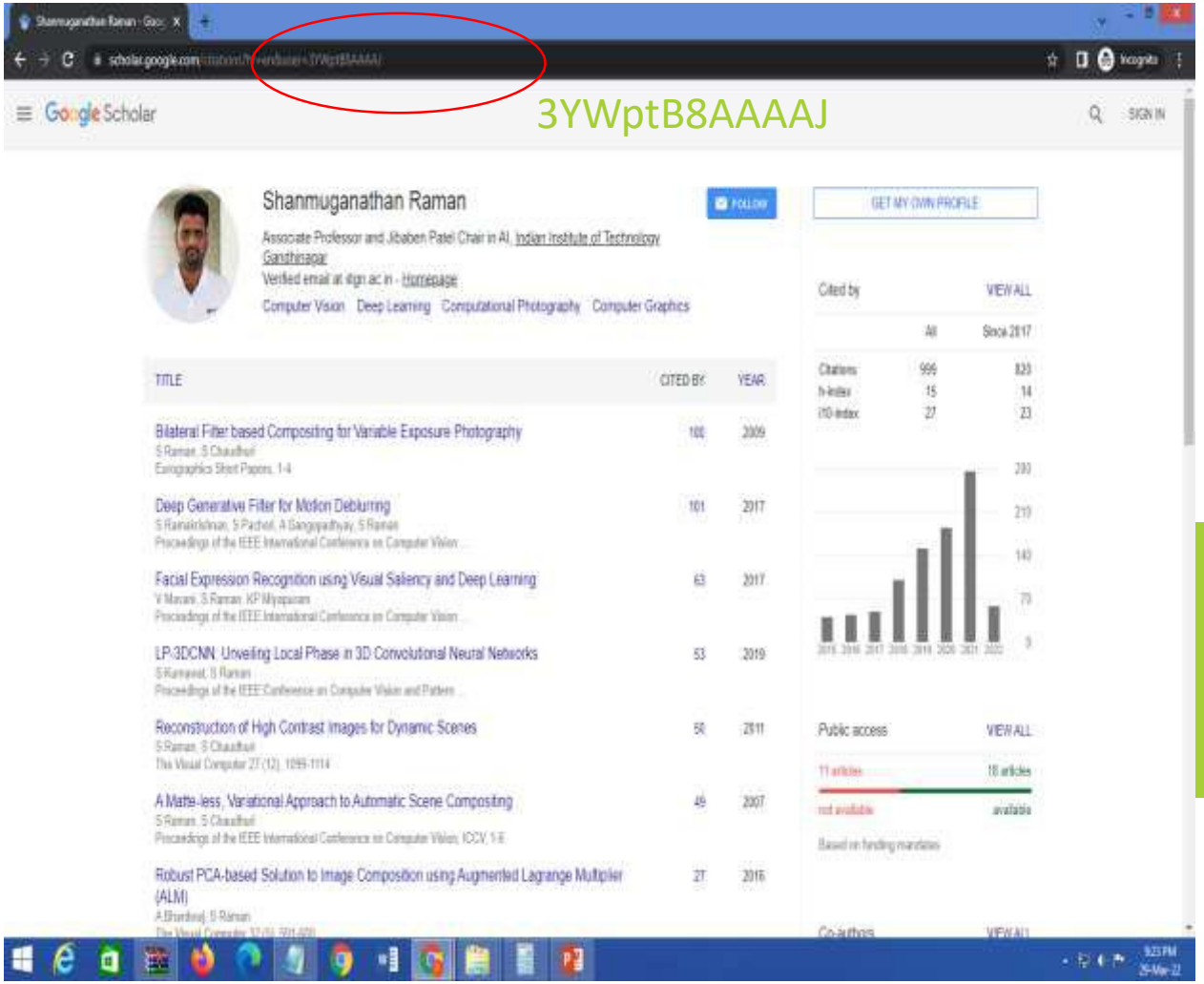
GOOGLE SCHOLAR PROFILE

- Sign to your Gmail account, or create one if you don't have one.
- Access https://scholar.google.com/

Google Scholar GOOGLE SCHOLAR PROFILE

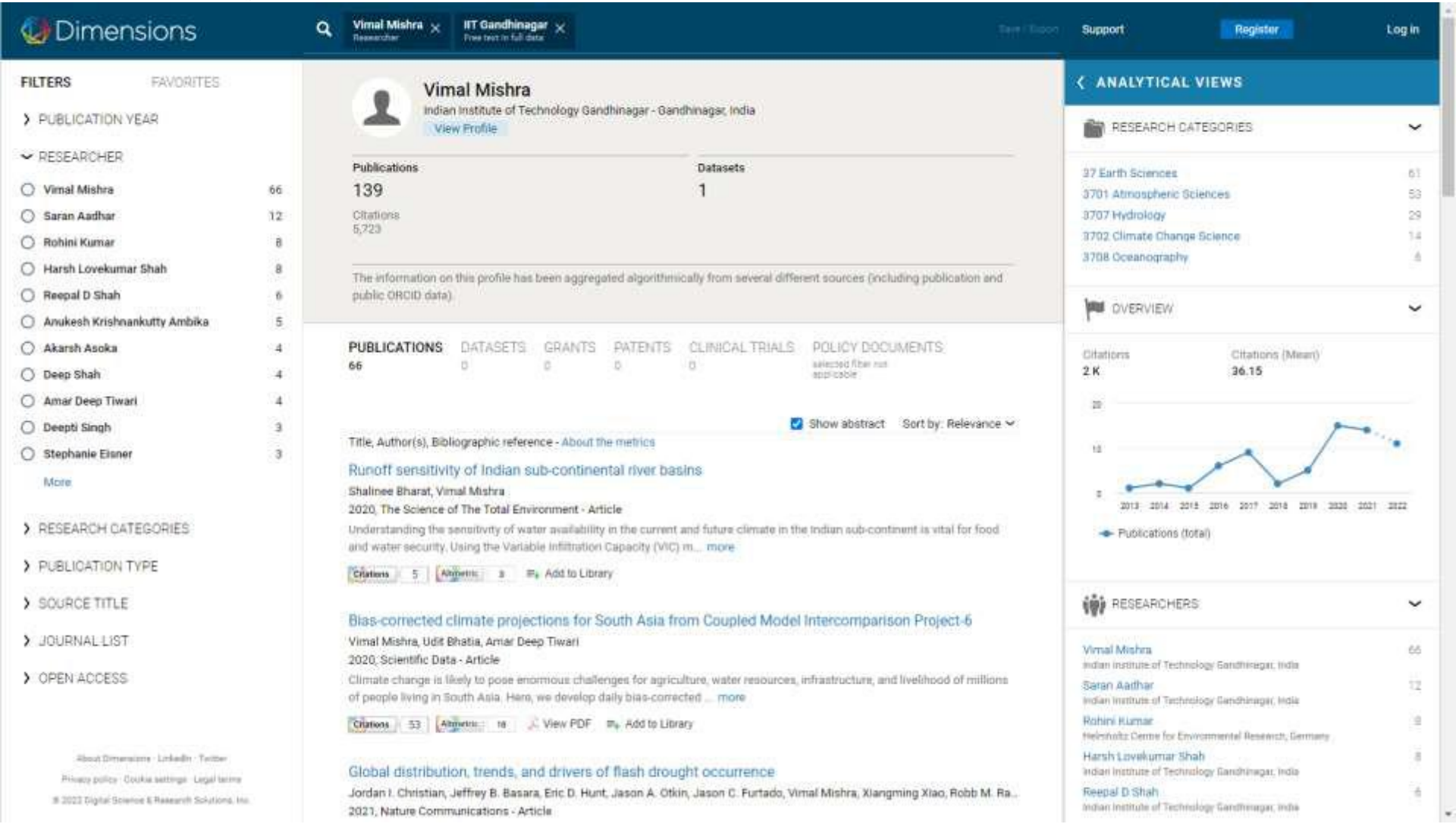


GOOGLE SCHOLAR PROFILE



- 2004 - launched
- 2006 - citation export
- 389+ million records
- 80% English language

DIMENSIONS


Dimensions
Vimal Mishra
IIT Gandhinagar
Support
Register
Log in
FILTERS
FAVORITES
PUBLICATION YEAR
RESEARCHER
Vimal Mishra 66
Saran Aadhar 12
Rohini Kumar 8
Harsh Lovekumar Shah 8
Reepal D Shah 6
Anukesh Krishnankutty Ambika 5
Akarsh Asoka 4
Deep Shah 4
Amar Deep Tiwari 4
Deepti Singh 3
Stephanie Eisner 3
More
RESEARCH CATEGORIES
PUBLICATION TYPE
SOURCE TITLE
JOURNAL LIST
OPEN ACCESS
Vimal Mishra
Indian Institute of Technology Gandhinagar - Gandhinagar, India
View Profile
Publications
139
Datasets
1
Citations
5,723
The information on this profile has been aggregated algorithmically from several different sources (including publication and public ORCID data).
PUBLICATIONS 66
DATASETS 0
GRANTS 0
PATENTS 0
CLINICAL TRIALS 0
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Shalinee Bharat, Vimal Mishra
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Vimal Mishra, Udit Bhatia, Amar Deep Tiwari
2020, Scientific Data - Article
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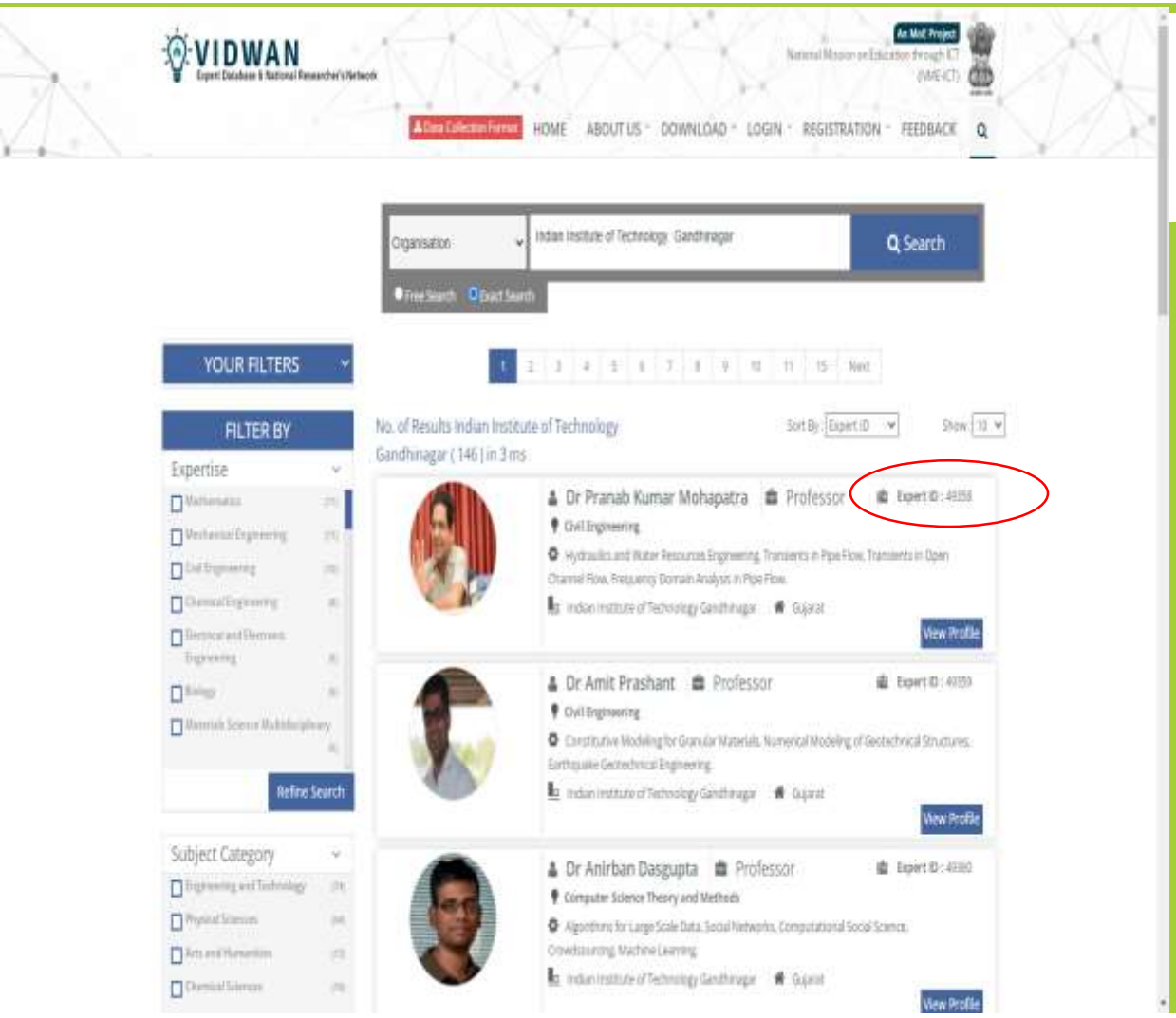
2021, Nature Communications - Article
ANALYTICAL VIEWS
RESEARCH CATEGORIES
37 Earth Sciences 61
3701 Atmospheric Sciences 53
3707 Hydrology 29
3702 Climate Change Science 14
3708 Oceanography 6
OVERVIEW
Citations
2 K
Citations (Mean)
36.15
Publications (total)
RESEARCHERS
Vimal Mishra 66
Indian Institute of Technology Gandhinagar, India
Saran Aadhar 12
Indian Institute of Technology Gandhinagar, India
Rohini Kumar 8
Helmholtz Centre for Environmental Research, Germany
Harsh Lovekumar Shah 8
Indian Institute of Technology Gandhinagar, India
Reepal D Shah 6
Indian Institute of Technology Gandhinagar, India

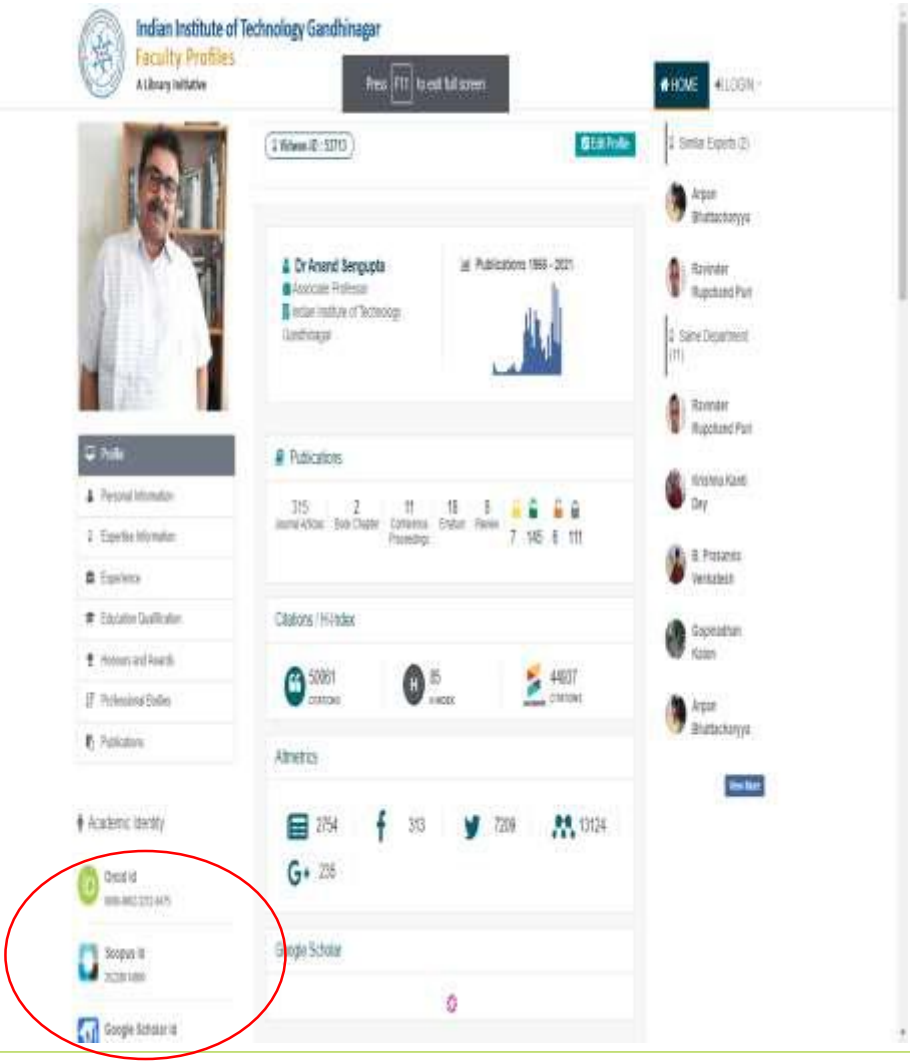
VIDWAN
Expert Database & National Researcher's Network

VIDWAN ID : EXPERT DATABASE & NATIONAL RESEARCHER'S NETWORK

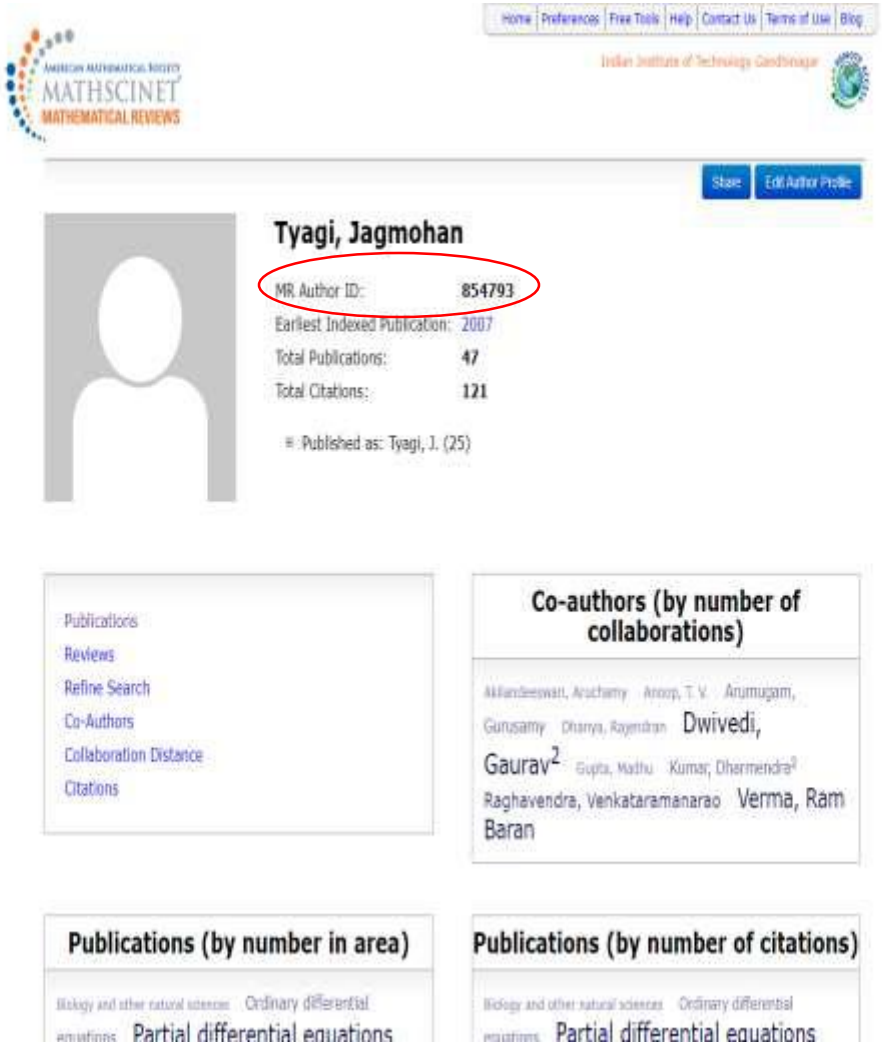


- 121089+ experts
- 12374 organization including academic and R&D organization
- Integrated with ORCiD for publication update
- Integrated Altmetrics
- Co-author network
- Establish communication directly with the experts who possess the expertise needed by users

INDIAN RESEARCH INFORMATION NETWORK SYSTEM



MATHSCINET



- It is searchable online bibliographic database created by the American Mathematical Society in 1996
- It contains almost 3.6 million items and over 2.3 million links to original articles
- over eight hundred thousand authors indexed from 1800 mathematical journals, many of them abstracted "cover-to-cover"

What is ORCID?

https://www.youtube.com/watch?v=a1Rijk_TMHA

ORCID
Connecting Research and Researchers

THINGS WE NEED TO KNOW ABOUT ORCID

- Started in 2012
- Global & interdisciplinary in nature
- Independent, community-driven
- An open, non-proprietary, not-for-profit organization run by & for the research community
- Supported by organizational memberships
- Free for individual scholars to register & use
- Unique & persistent identifier for Researcher & Contributor which is a long-lasting reference to a digital resource
- Represented in16-digit numbers
- Expressed as HTTP URI: http://orcid.org/0000-0001-5262-8711

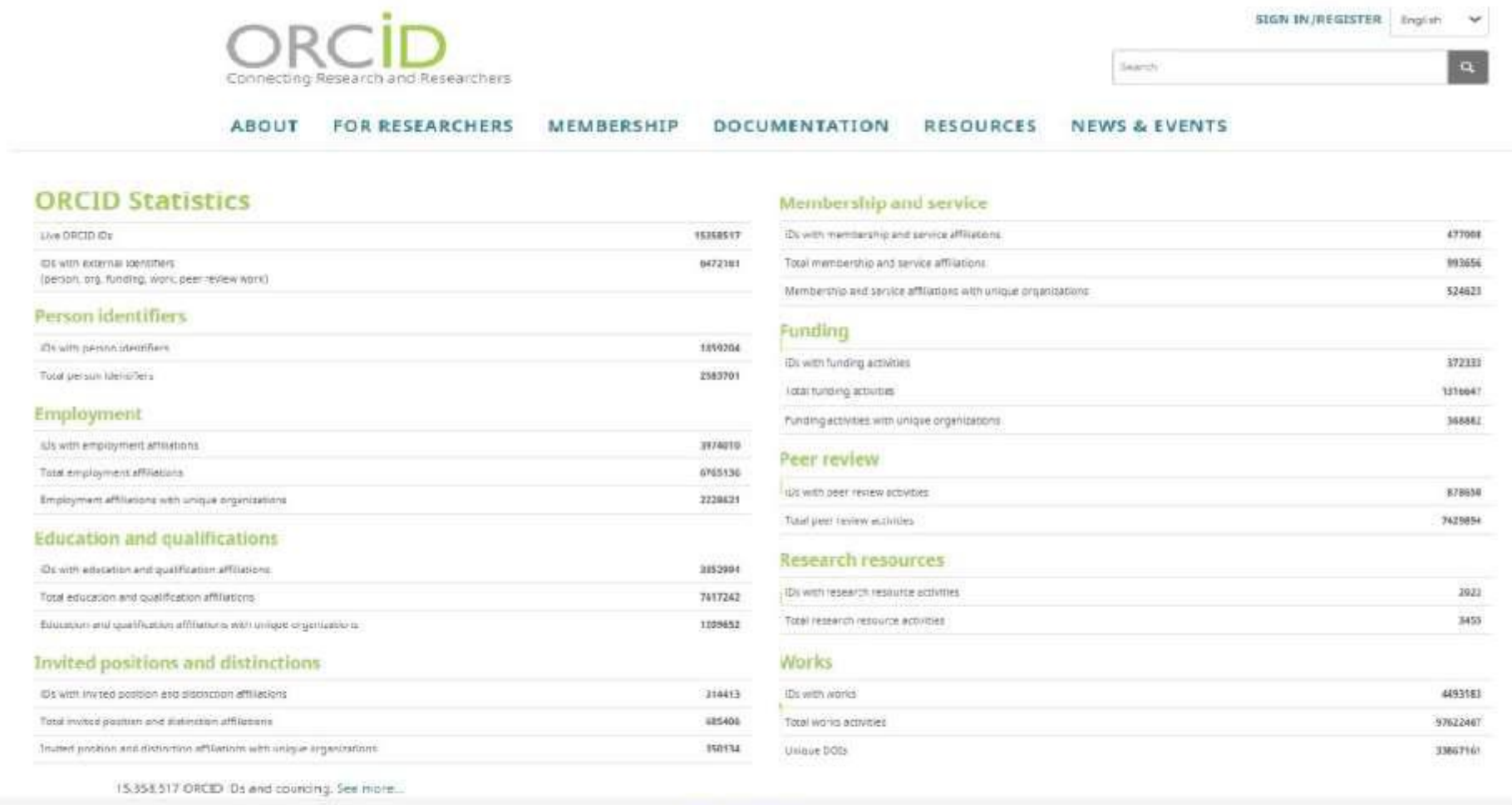
THINGS WE NEED TO KNOW ABOUT ORCID

- ORCiDs protects unique scholarly identity
- Creating an ORCiD identifier takes 30 seconds
- ORCiD adoption is growing faster
- ORCiD lasts longer than our email address
- ORCiD supports 37 types of “works,” from articles to dance performances
- You control who can view your ORCiD information
- Journals, funders & institutions are moving to ORCiD
- When everyone has an ORCiD identifier, scholarship gets better & scholarly echo system becomes transparent

BENEFITS

- Reliable & clear- widely used & accepted
- Help identify you with your contributions & affiliations
- Alleviates mistaken identity
- Saves your time – “enter once, re-use often”
- Improves recognition for you & your research outputs
- Increases discoverability of your research outputs
- Own & control your record, managing what information is connected & how it is shared
- Enables you to comply with organizations that require ORCiD Ids
- Help identify collaboration & peer review activities
- Many systems you already use are connected with ORCiD

RECENT STATISTICS



ORCID
Connecting Research and Researchers

SIGN IN/REGISTER English

Search

ABOUT FOR RESEARCHERS MEMBERSHIP DOCUMENTATION RESOURCES NEWS & EVENTS

ORCID Statistics

Live ORCID IDs	15358517
IDs with external identifiers (person, org, funding, work, peer review work)	0472181

Person identifiers

IDs with person identifiers	1859204
Total person identifiers	2583701

Employment

IDs with employment affiliations	3974010
Total employment affiliations	6765136
Employment affiliations with unique organizations	2228621

Education and qualifications

IDs with education and qualification affiliations	3852994
Total education and qualification affiliations	7417242
Education and qualification affiliations with unique organizations	1209652

Invited positions and distinctions

IDs with invited position and distinction affiliations	214413
Total invited position and distinction affiliations	485406
Invited position and distinction affiliations with unique organizations	150134

Membership and service

IDs with membership and service affiliations	477088
Total membership and service affiliations	993656
Membership and service affiliations with unique organizations	524623

Funding

IDs with funding activities	372333
Total funding activities	1316647
Funding activities with unique organizations	368882

Peer review

IDs with peer review activities	878658
Total peer review activities	7429854

Research resources

IDs with research resource activities	2922
Total research resource activities	3453

Works

IDs with works	4493183
Total works activities	97622467
Unique DOIs	33867161

15,358,517 ORCID IDs and counting. See more...

ORCID

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Help

WHY ORCID ID?: GET RID OF NAME AMBIGUITY

FOR RESEARCHERS | FOR ORGANIZATIONS | ABOUT | HELP

Advanced Search

Showing 29 of 29 results

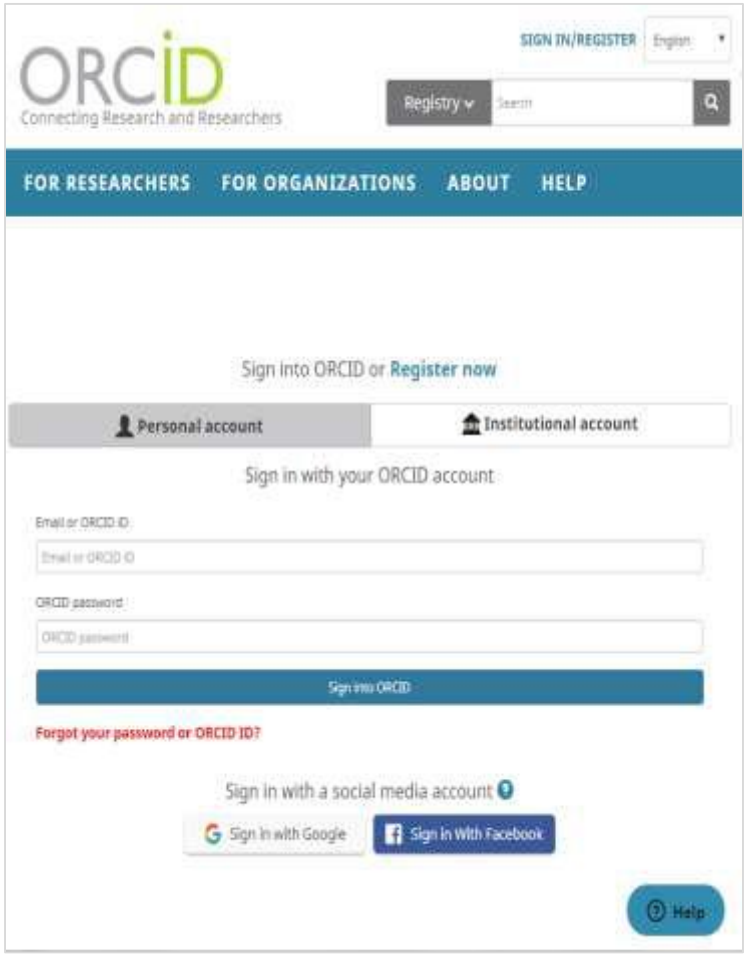
ORCID ID	First name	Family name	Other names	Affiliations
https://orcid.org/0000-0001-5851-9970	Murtuza	Hadiahawala		IIT Gandhinagar
https://orcid.org/0000-0002-3555-0614	SHRAVAN KUMAR	KALYANKAR		IIT Gandhinagar
https://orcid.org/0000-0002-5539-7852	kusum	panwer		IIT GANDHINAGAR, B.T.K.I.T DWARAHAT
https://orcid.org/0000-0002-5451-4134	Prerna	Subramanian		IIT Gandhinagar
https://orcid.org/0000-0002-8626-1089	Vrutangkumar	Shah		Oregon Health and Science University, IIT Gandhinagar
https://orcid.org/0000-0002-2822-3279	Sonam			IIT Gandhinagar
https://orcid.org/0000-0002-7721-156X	Anurag	Sumaste		Atlas Copco India
https://orcid.org/0000-0002-0196-662X	Abhishek	Pandey	Prime Minister Research Fellowship Recipient	IIT Gandhinagar
https://orcid.org/0000-0001-9609-8052	Abhinav	Chauhan		
https://orcid.org/0000-0002-6315-781X	Ramendra	Sahoo		IIT Gandhinagar
https://orcid.org/0000-0002-5781-1475	Aniruddha	Vishvakarma		Fynd, eClerx
https://orcid.org/0000-0003-4682-3435	Mohit	Ganeriwala		IIT Gandhinagar
https://orcid.org/0000-0001-7873-597X	satyajit	mukherjee		
https://orcid.org/0000-0001-6705-9902	justin	joseph		Indian Institute of Technology (IIT) Gandhinagar, National Institute of Technology Raipur
https://orcid.org/0000-0003-3756-5608	Alakh	Aggarwal	R3v0lut10nist	Samsung R&D Institute Bangalore, IIT Gandhinagar, Indian Institute of Technology BHU
https://orcid.org/0000-0003-3665-8704	Nagireddy Neelakantaswar	Reddy	Neel Reddy	Vellore Institute of technology-Andhra Pradesh, University of Hyderabad, Andhra University, Acharya Nagarjuna University
https://orcid.org/0000-0003-0635-8815	Ashish Kumar	Chauhan		INFLIBNET Centre, Indian Institute of Technology Gandhinagar, Central University of Gujarat , Central University of Gujarat
https://orcid.org/0000-0002-4948-694X	Gaurav	Srivastava		IIT Gandhinagar, University of Notre Dame, University of Minnesota, Indian Institute of Technology
https://orcid.org/0000-0002-3135-9847	Baldev	Raj		Director , Indian Institute of Science
https://orcid.org/0000-0002-8122-7789	Deepa	Dixit		
https://orcid.org/0000-0002-8133-3303	Nidhi	Tripathi	Nidhi	Physical Research Laboratory
https://orcid.org/0000-0001-5184-1123	Dixita	Limbachiya		Dhirubhai Ambani Institute of Information and Communication Technology
https://orcid.org/0000-0003-2939-646X	HRETWICK	BANERJEE		Max Planck Institute for Intelligent Systems, National University of Singapore, Max-Planck-Gesellschaft, Indian Institute of Science, Indian Institute of Technology Gandhinagar, Indian Institute of Technology Kharagpur
https://orcid.org/0000-0002-7629-1305	Siva	Shankar, Kimidi	Kimidi, Siva	INFLIBNET, Indian Institute of Technology Hyderabad, International Crops Research Institute for the Semi-Arid Tropics, Indian School of Business, OELNET, Andhra University, University Grants Commission, Annamalai University, Andhra University College of Arts and Commerce
https://orcid.org/0000-0002-8586-307X	Dharamvirsinh	Parmar		C.U.Shah University, Nirma University, Delhi Public School , Jawahar Navodaya Vidhyalaya, Sainik school Balachadi, Sunrise University, Sardar Patel University, Saurashtra University
https://orcid.org/0000-0002-5497-9678	RAJ	KUMAR		University of Michigan, Bar-Ilan University, Central University of Karnataka, Indian Institute of Technology Mandi, Osmania University, Dakshina Bharat Hindi Prachar Sabha, Board of Intermediate Education Andhr Pradesh, Board of Secondary Education Andhra Pradesj
https://orcid.org/0000-0003-1226-4196	Himanshu	Shekhar		Indian Institute of Technology Gandhinagar, University of Cincinnati College of Medicine, University of Rochester
https://orcid.org/0000-0003-3637-2167	Vinayak	Naik	Vinayak S. Naik	Birla Institute of Technology and Science, Pilani – Goa Campus, IIIT-Delhi, Tata Consultancy Services Ltd, Indian Institute of Technology Bombay, Indian Institute of Science, University of California Los Angeles, Ohio State University, Veermata Jijabai Technological Institute
https://orcid.org/0000-0001-7499-3744	Manuel João	Ramos		ISCTE-Instituto Universitário de Lisboa, Universidade Nova de Lisboa Faculdade de Ciências Sociais e Humanas

HOW TO GET AN ORCID ID

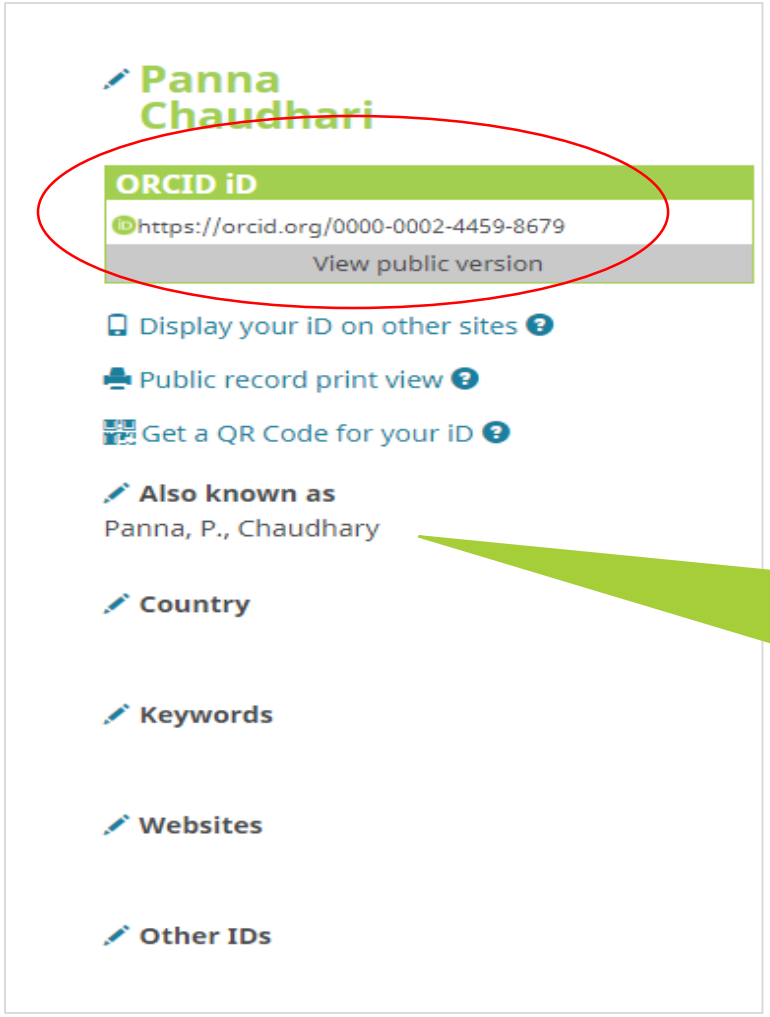
- 16-digit number, stated as URL
- Free and fast—takes about 30 seconds
- Sign up now! orcid.org/

ORCID iD

https://orcid.org/0000-0001-5262-8711

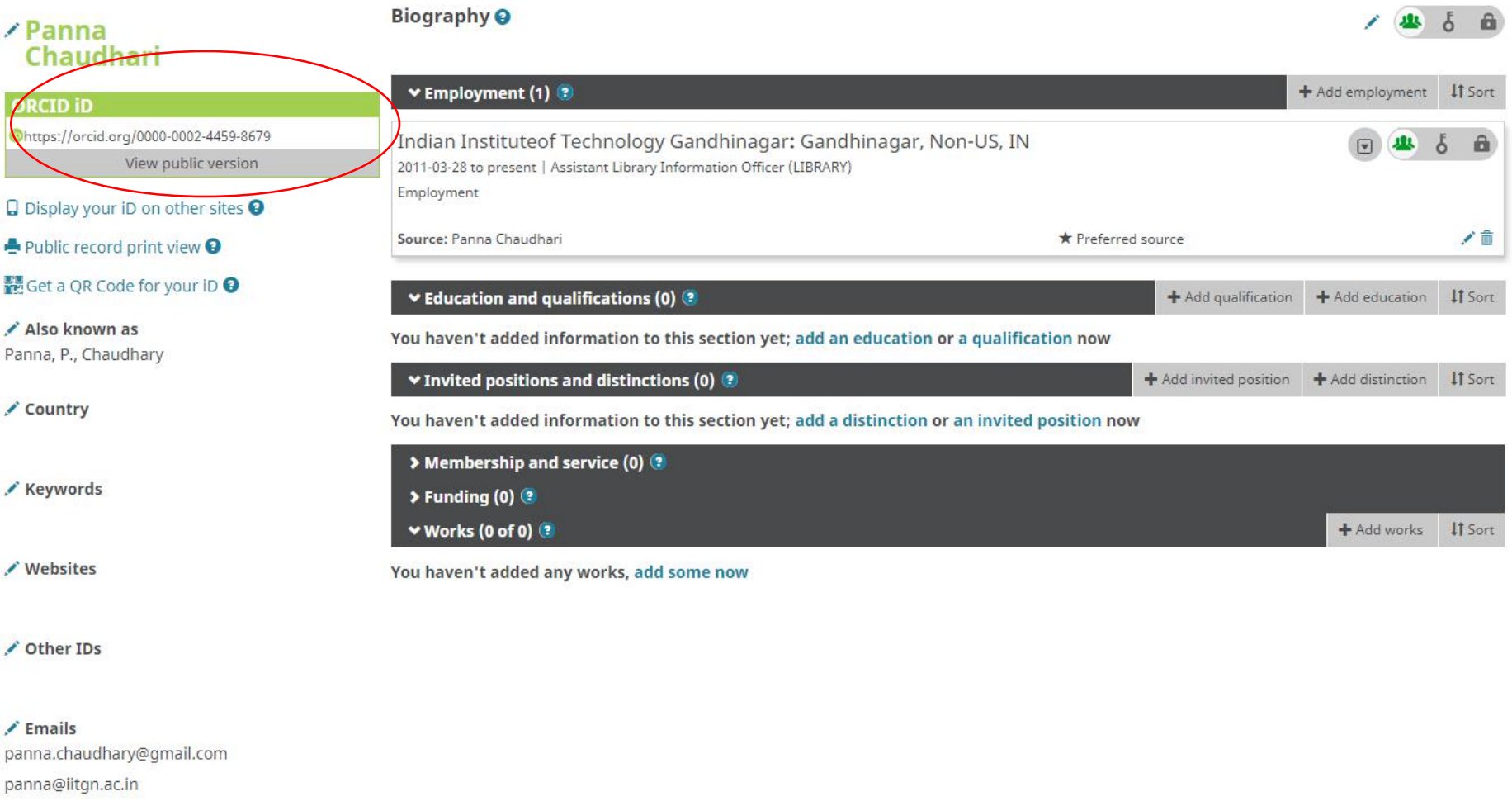


ADD NAME VARIANTS

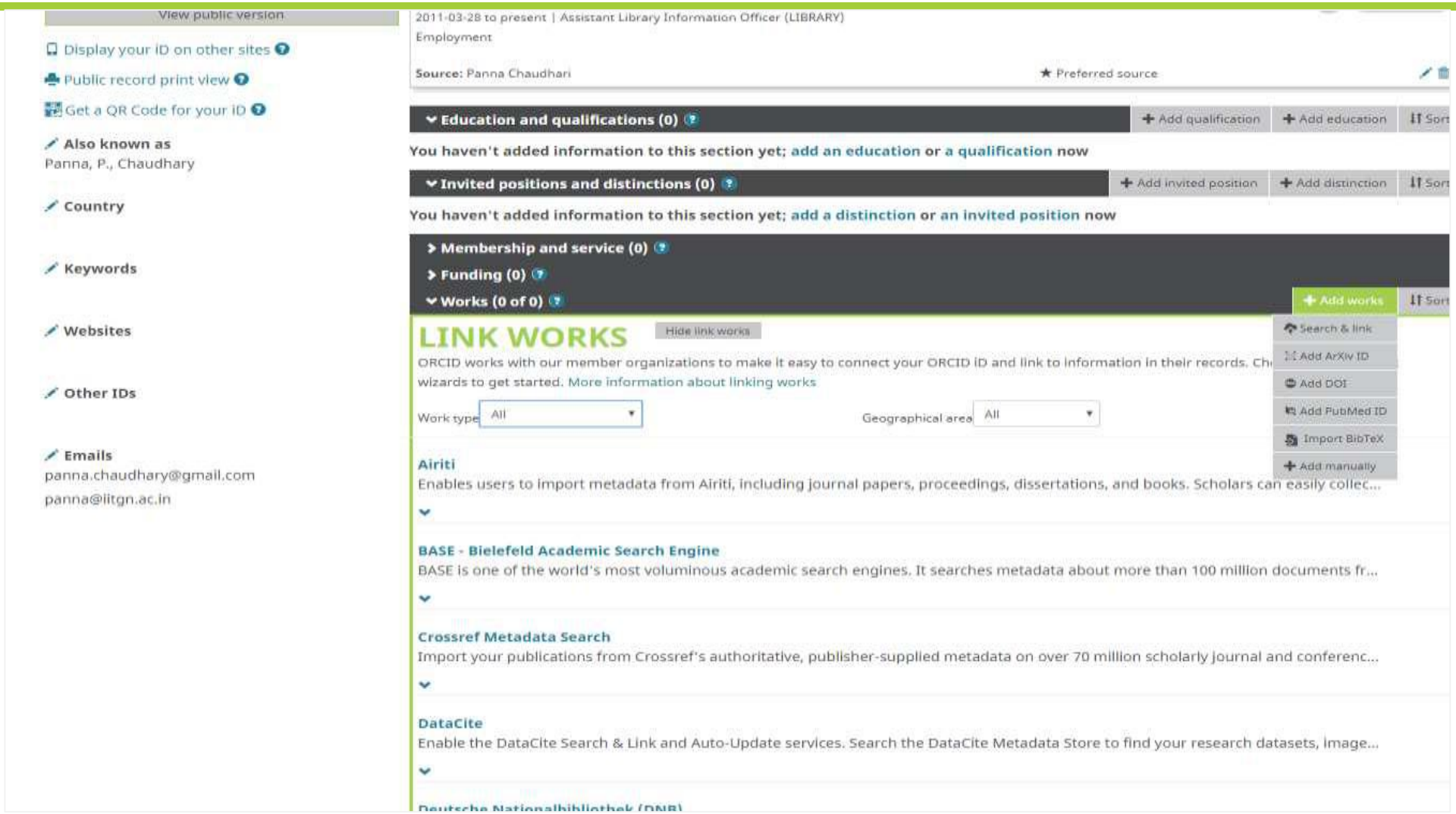


To ensure all your work - please add different variants of your name before you link any of your work. One can add names in multiple character sets.

ADD INDIVIDUALS INFORMATION



ADD & LINK YOUR WORK



USE YOUR UNIQUE IDENTIFIER

- While submitting & publishing articles
- When you upload a dataset or description
- When you apply for a grant
- In your thesis, fellowship, awards applications
- Transfer of information when you move to another organization
- On your professional signatures, web pages, CVs and more etc.
- In any other scholarly activities

ORCID IS A HUB

With other identifiers, ORCID enables machine-readable

connections with:

- works
- organizations
- person IDs

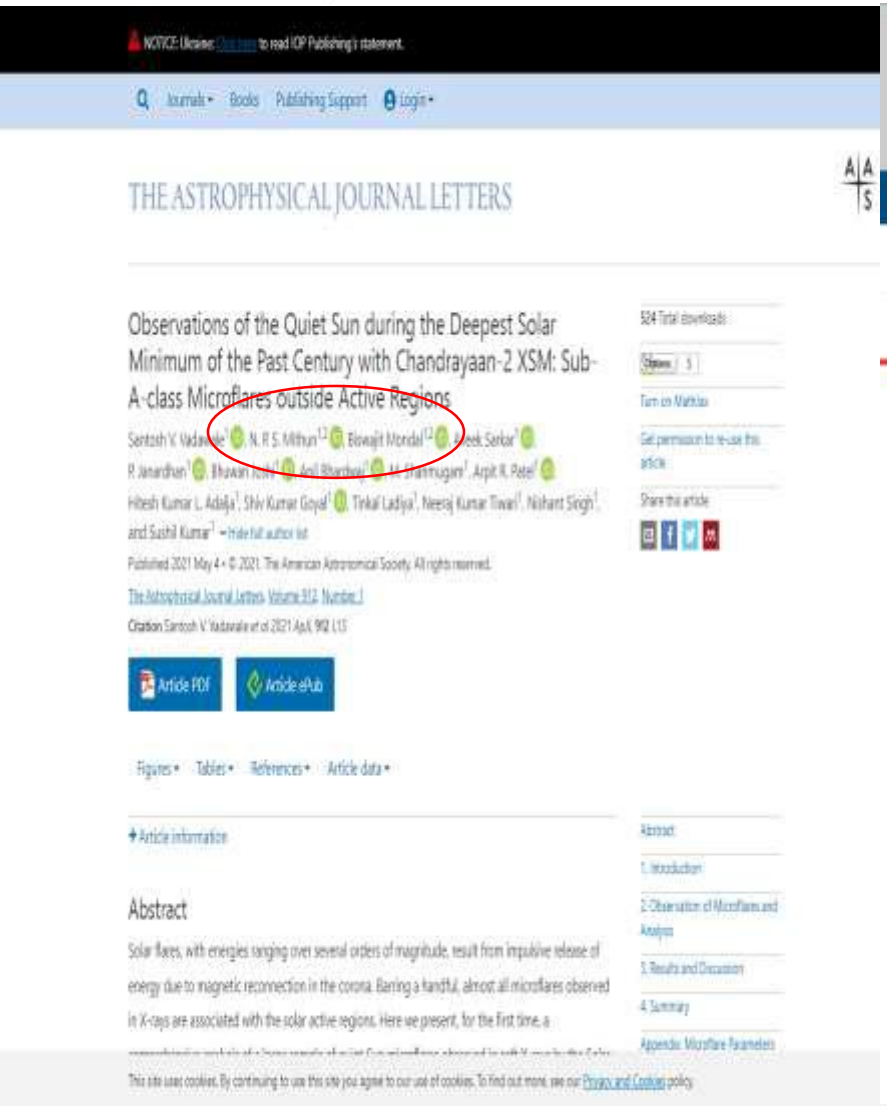
SYSTEM INTEGRATIONS

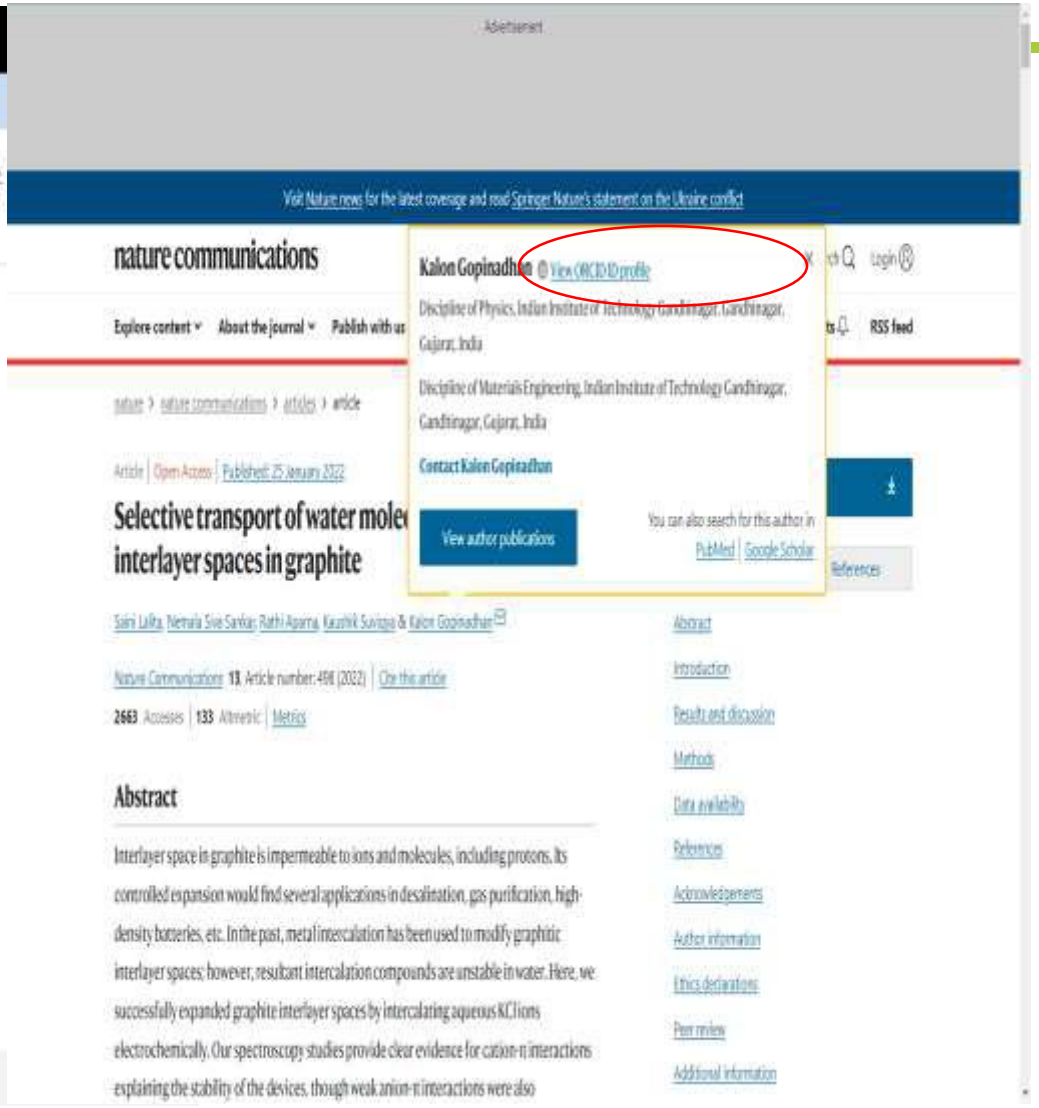
- DataCite
- DSpace
- DSpace-CRIS
- EPMC
- EPrints
- HUBzero
- Hydra/Fedora
- InSPIRE
- Converis
- Pure
- Symplectic

ORCiD works with lots of system creators to integrate iDs.

By adding iDs to your existing data, the system can make better connections.

BOLSTER YOUR DIGITAL IDENTITY





PUBLISHERS

Most publishers require author ORCID iD - a few examples:

- American Chemical Society
- American Physical Society
- American Geophysical Union
- Biomedical Research Network
- BMJ Journals
- Elsevier
- IEEE
- PLOS
- SAGE Publications
- ScienceOpen
- Springer Nature
- Taylor & Francis
- Wiley
- + many more

SIGNING IN USING ORCID

Publishing systems can allow for signing in using ORCID

BE UP TO DATE

- Add new positions, roles, research interests, awards, speaking invitations
- Add social media links
- Keep your affiliations & email current
- Set database alerts wherever it is possible, to add your new publications regularly
- Link your IDs & import publications data for easy updating

STRATEGIES FOR PROMOTING SCHOLARLY IDENTITY

- Create a professional website
- Use social media
- Attend conferences and events
- Publish your work
- Collaborate with other researchers
- Seek out speaking opportunities
- Engage with the media
- In summary, promoting your scholarly identity requires a combination of strategies that are designed to help you increase your visibility and establish yourself as a credible researcher. By using these strategies, you can promote your research, expand your network, and establish yourself as a thought leader in your field.

BEST PRACTICES

- Establish an online presence
- Be consistent
- Stay up-to-date
- Engage with the academic/scholarly community
- Share your research
- Monitor your online presence
- Be ethical
- Seek feedback
- Be collaborative
- Be patient

CHALLENGES AND LIMITATIONS

- Time constraints
- Ethical concerns
- Limited access to tools and resources
- Dependence on external platforms
- Limited impact and recognition
- Narrow focus
- Overall, while there are challenges and limitations associated with creating and managing scholarly identity, it is still important for researchers to establish and maintain their scholarly identity as it can lead to increased visibility, recognition, and opportunities for collaboration. It's important for researchers to be aware of the limitations and challenges and to find a balance between establishing a strong scholarly identity and focusing on their research work.

FUTURE DIRECTIONS

Emerging technologies and platforms:

- Increased use of technology
- Greater emphasis on collaboration
- Greater importance of metrics and evaluation:
- Increased emphasis on openness and transparency
- Overall, the future of creating and managing scholarly identity is likely to be shaped by a range of factors, including new technologies, changing cultural norms, and evolving research practices. Scholars who are able to adapt to these changes and establish a strong, inclusive, and impactful scholarly identity are likely to be well positioned for success in the years ahead.

FUTURE DIRECTIONS

Potential impact on creating and managing scholarly identity:

- Increased visibility
- Increased impact
- Networking and collaboration
- Career advancement
- Reputation and credibility
- Access to funding
- Overall, creating and managing a strong scholarly identity can have significant benefits for researchers, helping to increase their visibility, impact, and reputation in their field. By following best practices and staying up-to-date with emerging trends, researchers can ensure that their scholarly identity continues to evolve and adapt to changing research environments and cultural norms.

CONCLUSION

Building your scholarly identity is a critical step:

- Establish yourself as a credible researcher
- Increase your visibility
- Build your network
- Promote your research
- Stay up-to-date with emerging trends
- So don't hesitate to take action and start building your scholarly identity today!

EVALUATION OF TOOLS

Feature	ResearcherID	ORCID	Scopus Author ID	Google Scholar Citations
Persistent ID	Yes	Yes	Yes	No
User profile	Yes	Yes	Yes	Yes
Publication list	Yes	Yes	Yes	Yes
Citation metrics	Yes	No	Yes	Yes
User privacy controls	Yes	Yes	No	Yes
Facilitates networking	Yes	No	No	Yes
Integrates with	ORCID	ResearcherID Scopus Author ID	ORCID	-

Source: https://utas.libguides.com/ManageID

QUICK POLL

Based on today's presentation, which profile management tool(s) are you planning to explore more?

- ORCID
- Publons
- Scopus Author Profile
- Google Scholar Citations

ADDITIONAL RESOURCES

- ORCID for Researchers: https://info.orcid.org/researchers/
- Funders and ORCID: https://info.orcid.org/funders-orcid-policies/
- Publishers and ORCID: https://info.orcid.org/requiring-orcid-in-publications/
- Giving CRediT where CRediT is Due: https://info.orcid.org/credit-for-research-contribution/?utm_source=mailpoet&utm_medium=email&utm_campaign=blog-newsletter
- https://www.youtube.com/watch?v=kPImbDuLurU
- https://www.youtube.com/watch?v=BmhHE9hmOAI
- https://ardc.edu.au/services/ardc-identifier-services/
- https://repository.jisc.ac.uk/7840/2/PID_roadmap_for_open_access_to_UK_research.pdf
- https://scholarlykitchen.sspnet.org/2020/06/29/the-uk-national-pid-consortium-a-pathway-to-increased-adoption/ - https://resources.morebrains.coop/pidcycle/

Q & A?

Thank You!