



IMPROVING ONLINE PRESENCE AND RESEARCH CONTRIBUTION

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PRESENTATION OUTLINE

2

- Reaching out to Online Communities
- Research Evaluation Criteria
- Open Researcher Contributor ID (ORCID)
- Abstract and Citation Databases
- Google Scholar
- Elsevier Scopus
- Elsevier Mendeley
- ResearchGate
- LinkedIn
- Gmail Signatures
- Setting up Gmail Signatures
- Retrieving Links



REACHING OUT TO ONLINE COMMUNITIES

3

- It is clear that today's world is a Global Village where **information has found its residence online.**
- Gone are the days when we **rely solely on libraries and publishers** to do the publicity for us rather it is time for us to take the bull by the horn.
- As a result of this, there is a need to push research contributions **via platforms that will increase the chances of reach** to fellow researchers online.
- Today, there are various online communities that **have contributed to the global distribution of research** by creating a platform for the fair exchange of research efforts by researchers.
- Such platforms include:
 - social networks (such as: LinkedIn, Elsevier Mendeley, Researchgate etc.)
 - unique online identifiers (such as: Open Researcher and Contributor ID, ORCID)
 - web search engines and citation database (such as Google Scholar, Elsevier Scopus, Web of Science, SCImago etc.)



RESEARCH EVALUATION CRITERIA

4

- Every research contribution made is usually assessed based on a number of criteria.
- The higher the value of these criteria then the more relevant the work.
- They include:
 - **Number of citation** - A citation is a reference to the source of information used in a research work by an author. Hence, this is the number of times that a work is been cited in other works.
 - **i10-index** - An author-level metric that indicates the number of academic publications an author has written that have been cited by at least 10 sources. It was introduced by Google in July 2011.
 - **h-index (h for Hirsch)** - An author-level metric that measures both the productivity and citation impact of a scholar's publication. It is based on the set of most cited papers and number of citations received.
 - **RG score** - It is an author-level metric introduced by ResearchGate in 2012. It has been reported to correlate with existing author-level metrics however it has an undisclosed circulation methodology.
 - **Impact Factor (IF)** - A journal-level metric that reflects the yearly average number of citations that articles published in the last two years in a given journal have received. It shows the relative importance of a journal within its field.



ONLINE IDENTIFIERS (IDENTITY MANAGEMENT SYSTEM)



OPEN RESEARCHER and CONTRIBUTOR ID (ORCID)



6

- Open Researcher and Contributor ID (ORCID) was launched in 2012 as a non-proprietary alphanumeric code required for uniquely identifying scientific and other academic authors and contributors.
- It addresses the challenges of identifying the contribution of a particular author to scientific literature.
- ORCID iDs use a 16-character identifier, composed of the digits 0-9, and separated into groups of four by hyphens (<https://orcid.org>).
 - For example, Jeremiah Balogun's ORCID iD is <https://orcid.org/0000-0002-6510-6127>
- The aim is to
 - aid the transition from science to e-Science wherein scholarly publications can be mined to spot links and ideas hidden in the ever-growing volume of scholarly literature
 - provide each researcher with a constantly updated 'digital curriculum vitae' providing a picture of his or her contributions to science going far beyond the simple publication list.



WEB SEARCH ENGINES AND CITATION DATABASES



ABSTRACT AND CITATION DATABASES

8

- Databases and search engines differ substantially in terms of coverage and retrieval qualities.
- Users need to account for qualities and limitations of databases and search engines, especially those searching systematically for records such as in systematic reviews or meta-analyses.
- An exhaustive list of notable databases and search engines useful in academic setting for finding and accessing articles is available on Wikipedia via https://en.wikipedia.org/wiki/List_of_academic_databases_and_search_engines
- Some examples include:
 - arXiv, ACM, Digital Library, CiteSeer, CiteSeerX, Google Scholar, JSTOR, MEDLINE, MathSciNet, Mendeley, Microsoft Academic, PubChem, PubMed, Science Direct, Scopus, Semantic Scholar, SpringerLink, Web of Science etc.



GOOGLE SCHOLAR



9

- Google Scholar is a **freely accessible web search engine** that indexes the full text or metadata of scholarly literature across an array of publishing formats and disciplines.
 - Such literatures include: peer-reviewed online academic journals and books, conference papers, theses and dissertations, preprints, abstracts, technical reports and patents.
 - However, one major issue facing Google Scholar is its inability to do a proper vetting thus including some predatory journals.
- Google Scholar is made available to Gmail subscribers as an added service as long as they have a verifiable institutional e-mail address (e.g. name@mtu.edu.ng).
- Google Scholar allows users to search for digital or physical copies of articles, whether online or in libraries.
 - Google Scholar can be accessed via <https://scholar.google.com>
- It uses three (3) metrics for evaluating indexed publications:
 - Number of citations, h-index and i-index

ELSEVIER SCOPUS



10

- Scopus is Elsevier's abstract and citation database which was launched in 2004.
 - It covers nearly 36,377 titles from approximately 11,678 publishers out of which 34,346 are peer-reviewed journals in top-level subject fields, namely: life sciences, social sciences, physical sciences and health sciences and covers book series, journals and trade journals.
- Scopus CiteScore was introduced in 2016 for providing citation for all active titles in Scopus as an alternative to the impact factor.
- Scopus IDs are generated for individual authors which can be integrated into the non-proprietary digital identifier ORCID.
- Scopus uses four (4) types of quality measure for titles namely:
 - h-index, CiteScore, SJR (SCImago Journal Rank) and SNIP (Source Normalized Impact Per Paper)
- Scopus offers free features to non-subscribed users, and is available through Scopus Preview (<https://www.scopus.com>).
 - It provides 3 author-level metric, namely: number of documents, number of citations and h-index



REFERENCE MANAGEMENT SYSTEMS, PROFESSIONAL NETWORKS AND SOCIAL NETWORKS FOR RESEARCHERS

ELSEVIER MENDELEY



12

- Mendeley is a UK based company which provides products and services for academic researchers
 - It became very popular due to its reference management system used to manage and share research papers and for generating bibliographies for scholarly articles.
- In 2013, Mendeley was purchased by Elsevier for US\$65 million which led to an extension of its product line into new areas based on its reference manager.
 - Products include: Mendeley Profile, Mendeley Feed, Mendeley Catalog, Mendeley Cite etc.
- Mendeley provides a number of features which includes (<https://Mendeley.com>):
 - Reader counts, a unique readership statistic which has been asserted to predict citation impact.
 - Automatic extraction of metadata from PDF articles.
 - Claim authored publications by linking the user's Mendeley Profile to Scopus Author Profile.
 - Citations and bibliographies in Microsoft Word, OpenOffice.org and LibreOffice
 - Private groups to share and annotate research papers within copyright-compliant responsible sharing guidelines.



RESEARCHGATE

ResearchGate

13

- ResearchGate is an European commercial social networking site for scientists and researchers, it was founded in 2008 (<https://www.researchgate.net>).
- It provides facilities for sharing papers, asking and answering questions, and find collaborators.
- Reading articles on the site does not require registration however interested members need to have a valid institutional e-mail address or be manually confirmed as a published researcher by existing members.
- Members of the site each have a user profile and can upload research output including papers, data, chapters, negative results, patents, research proposals, methods, presentations, and software source code.
- Users may also follow the activities of other users and engage in discussions with them.
 - Users are also able to block interactions with other users.
- ResearchGate indexes self-published information on user profiles to suggest members to connect with others who have similar interests.



LINKEDIN



14

- LinkedIn is an American business and employment-oriented online service that operates via websites and mobile applications (<https://www.linkedin.com>).
- It was launched on May 5, 2003 for professional networking, including employers posting, jobs and job seekers posting their CVs.
- As at 2015, most of the company's revenue came from selling access to information about its members to recruiters and sales professionals and it has become a wholly owned subsidiary of Microsoft since December 2016.
- Between August 2010 and May 2019 LinkedIn has acquired 15 patents for \$4 million which includes: Index Tank, SlideShare, Refresh.io and Lynda.com
- LinkedIn functionalities include:
 - Personal Profile including demographics, education and trainings, work experience, skills, recommendations can be requested/made, follow companies and job search.
 - User skills can also be endorsed by others, interact with first-degree and second-degree connections, share videos, write posts and articles, congratulate members.



GMAIL SIGNATURES

15

- Today, emails have become a very popular means of corresponding with colleagues and networks all over.
- As a result of this, it is important to note that information about an individual can be attached as a digital signature whenever emails are sent to recipients.
- Thus, information about scholarly contributions available online, personal CV and other research related information can be easily assessed.
- Information that can be made available may include but not limited to:
 - Formal names, alternate e-mail and, contact number
 - Rank, department, unit assigned (if any), institution
 - Links to Google scholar, Mendeley account, LinkedIn, ORCID, ResearchGate



SETTING UP GMAIL SIGNATURES

16

The screenshot displays the Gmail interface. At the top, the search bar contains 'in:sent'. The main content area shows an email titled 'The Training Invitation' from Jeremiah Ademola Balogun, dated 29 Nov 2020. The email body contains a Zoom meeting invitation for Friday, December 4, 2020, at 10:00 AM. Below the email, a signature block is highlighted with a green box, containing contact information for Balogun Jeremiah Ademola, including his title, department, phone number, and various professional profiles (Google Scholar, ResearchGate, LinkedIn, and Mendeley). On the right side, the 'Quick settings' sidebar is open, and the 'See all settings' button is highlighted with a green box. Other settings visible include 'Manage this organisation', 'DENSITY' (Default selected), 'THEME' (View all), and 'INBOX TYPE' (Default selected).



SETTING UP GMAIL SIGNATURES...

17

The screenshot shows the Gmail Settings page. The left sidebar contains navigation options: Compose, Inbox (5,124), Starred, Snoozed, Sent, Drafts (3), More, Meet (New meeting, My meetings), and Hangouts (Jeremiah Ader). The main content area is titled 'Settings' and has tabs for General, Labels, Inbox, Accounts, Filters and blocked addresses, Forwarding and POP/IMAP, Chat and Meet, Advanced, Offline, and Themes. The 'General' tab is selected. Under 'Presets', there are options for '1 star', '4 stars', and 'all stars'. The 'In use' section shows a yellow star icon, and 'Not in use' shows various other icons. Below this are sections for 'Keyboard shortcuts' (off), 'Button labels' (Icons), and 'My picture'. The 'Create contacts for auto-complete' section has two radio button options. The 'Signature' section is highlighted with a green box and contains a signature editor. The editor shows a text box with 'My signature' and a trash icon, and a preview area with the following text: 'Balogun Jeremiah Ademola, Assistant Lecturer, Department of Computer Science and Mathematics, CBAS, Acting Coordinator, Open Educational Resources (OER) and WEBometrics +2347059022420'. A rich text toolbar is visible below the preview. A green arrow on the right side of the page points downwards, and a green box highlights the signature editor area.

Signature:
(appended at the end of all outgoing messages)
[Learn more](#)

My signature

Balogun Jeremiah Ademola
Assistant Lecturer
Department of Computer Science and Mathematics, CBAS.
Acting Coordinator, Open Educational Resources (OER) and WEBometrics
+2347059022420

Sans Serif

[+ Create new](#)



RETRIEVING LINKS Google Scholar

18

https://scholar.google.com/citations?hl=en&user=kOcZ89AAAAAJ&view_op=list_works&cituf=2&email_for_op=jabalog

Jeremiah Ademola Balogun
Assistant Lecturer, Department of Computer Science and Mathematics, Mountain Top University
Verified email at mtu.edu.ng
artificial intelligence machine learning data science database design and modeling Big Data

TITLE	CITED BY	YEAR
<input type="checkbox"/> Breast cancer risk prediction using data mining classification techniques K Williams, PA Idowu, JA Balogun, AI Oluwaranti Transactions on Networks and Communications 3 (2), 01-01	47	2015
<input type="checkbox"/> A predictive model for the risk of mental illness in Nigeria using data mining MP Dooshima, EN Chidozie, BJ Ademola, OO Sekoni, IP Adebayo International Journal of Immunology 6 (1), 5-16	11	2018
<input type="checkbox"/> Predictive Model for Likelihood of Survival of Sickle-Cell Anaemia (SCA) among Peadiatric Patients using Fuzzy Logic AP Idowu, TA Aladekomo, KO Williams, JA Balogun Transactions on Networks and Communications 3 (1), 31-31	11	2015

	All	Since 2015
Citations	82	82
h-index	3	3
i10-index	3	3

Co-authors EDIT



RETRIEVING LINKS ORCID

19

The screenshot displays the ORCID profile page for Jeremiah Balogun. The browser address bar shows the URL <https://orcid.org/my-orcid>. The page header includes the ORCID logo and navigation links for researchers, organizations, about, and help. The user's name, Jeremiah Balogun, is displayed in the top right corner. The profile section shows the user's ORCID iD, <https://orcid.org/0000-0002-6510-6127>, which is highlighted with a green box. Below the iD, there are options to display the ID on other sites, print a public record, and get a QR code. The 'Also known as' section lists 'General Overseer (G.O.)' and the 'Country' is listed as 'Nigeria'. The 'Biography' section is currently empty. The 'Employment (2)' section lists two positions: 'Assistant Lecturer (Computer Science and Mathematics)' at Mountain Top University: Ibafo, Ogun, NG (2020-02-03 to present) and 'Post Graduate Tutor (Computer Science and Engineering)' at Obafemi Awolowo University Faculty of Technology: Ile-Ife, Osun, NG (2013-08 to 2019-11). Both entries are marked as 'Preferred source'. The 'Education and qualifications (2)' section is partially visible at the bottom.



RETRIEVING LINKS ResearchGate

20

Documents ORCID Jeremiah Ba Jeremiah A Scopus pre Scopus - Sc Scopus pre Jeremiah Ba Jeremiah Ba Data mining Jeremiah X

https://www.researchgate.net/profile/Jeremiah_Balogun

Home Questions Jobs COVID-19 Search for researchers, publications, and more Add new

Jeremiah Ademola Balogun
8.41 · B.Sc. (Computer Science with Mathematics) M.Sc. (Computer Science) · Edit

Overview Research Experience Stats Scores Following

About me Edit

Introduction

What are you currently working on?
Add an introduction with your research focus and interests to help others understand your work.

Languages
English · Yoruba

Disciplines
Artificial Intelligence Computing in Mathematics, Natural Science, Engineering and Medicine

Current affiliation

Mountain Top University Ogun State Nigeria
Department
Computer Science and Mathematics
Position
Assistant Lecturer
Time period
Feb 2020 - Present
Role
Teaching, Leadership, Mentorship and Research.

https://www.researchgate.net/profile/Jeremiah_Balogun?ev=hdr_xprf&_sg=3BhceTroBJ1HGN_fGeorLosTzY8f4A4HuzfOmlMwO9PRAJ8fRNnK1BZGiv68xSsp-76zDJo_8DQ1WE41yazksoY6



RETRIEVING LINKS ResearchGate...

21

Document | ID ORCID | ID Jeremiah | Jeremiah | Scopus pr | Scopus - S | Scopus pr | Jeremiah F | Jeremiah E | Data mini | R^G Jeremiah / R^G Jeremi X

← → ↻ 🏠 🔒 https://www.researchgate.net/profile/Jeremiah_Balogun

ID ORCID | Scopus preview - Balo... | Jeremiah Balogun - M... | (16) LinkedIn | Inbox (4,948) - jabalog... | Inbox (952) - jeremiah... | R^G Jeremiah Ademola Bal... | Jeremiah Ademola Bal... | MTU OER

R^G Home Questions Jobs COVID-19 Search for researchers, publications, and more

Jeremiah Ademola Balogun
8.41 · B.Sc. (Computer Science with Mathematics) M.Sc. (Computer Science) · [Edit](#) Add new research

Overview Research Experience Stats Scores Following

About me [Edit](#)

Introduction

What are you currently working on?
Add an introduction with your research focus and interests to help others understand your work. [+](#)

Languages
English · Yoruba

Disciplines
Artificial Intelligence Computing in Mathematics, Natural Science, Engineering and Medicine Data Mining

Current affiliation [Edit](#)

Mountain Top University Ogun State Nigeria
Department
Computer Science and Mathematics
Position
Assistant Lecturer
Time period
Feb 2020 - Present
Role
Teaching, Leadership, Mentorship and Research.

Are you part of a lab? [+](#)



RETRIEVING LINKS Elsevier Mendeley

22

Documents ORCID Jeremiah Ba Jeremiah Ac Scopus pre Scopus - Se Scopus pre Jeremiah X Jeremiah Ba Data minin Jeremiah Ac

https://www.mendeley.com/profiles/jeremiah-balogun/

ORCID Scopus preview - Balo... Jeremiah Balogun - M... (16) LinkedIn Inbox (4,948) - jabalog... Inbox (952) - jeremiah... Jeremiah Ademola Bal... Jeremiah Ademola Bal... MTU OER

Feed Library Suggest Groups Datasets Careers Funding Search Jeremiah

Jeremiah Ademola Balogun [Edit](#)

1 *h-index* | 2 Citations

[Add your title](#)
Assistant Lecturer [Edit](#)
Mountain Top University [Edit](#)

How does my profile look to others?

[Overview](#) [Impact](#) [Publications](#) [Network](#)

About [Edit](#)

[Add a short description](#)
of what you are currently working on

Other profiles

ORCID
[orcid.org/0000-0002-6510-6127](#) ×

Scopus
57188995224 ×

Personal website
No personal website yet [Edit](#)



RETRIEVING LINKS Elsevier Mendeley

23

Documents | ORCID | Jeremiah Ba | Jeremiah Ac | Scopus pre | Scopus - Se | Scopus pre | Jeremiah Ba | Jeremiah X | Data mining | Jeremiah Ac

https://www.mendeley.com/profiles/jeremiah-balogun/publications/?viewAsOther=true

ORCID | Scopus preview - Balo... | Jeremiah Balogun - M... | (16) LinkedIn | Inbox (4,948) - jabalog... | Inbox (952) - jeremiah... | Jeremiah Ademola Bal... | Jeremiah Ademola Bal... | MTU OER

Feed Library Suggest Groups Datasets Careers Funding Search Jeremiah

This is how your profile looks to people you have allowed to see it. Learn more about [privacy settings](#) [Back to profile](#)

Jeremiah Ademola Balogun
Assistant Lecturer
Mountain Top University

1 *h-index* | 2 Citations

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Overview Impact Publications

Publications (17)

An Online Neonatal Intensive-Care Unit Monitoring System for Hospitals in Nigeria
Idowu P, Asahiah F, Balogun J et al. [See more](#)
IGI Global, (2020), 122-144

[+ Add to library](#) [Get full text](#)

N/A Citations
2 Readers

[?](#)



RETRIEVING LINKS LinkedIn

24

The screenshot shows a web browser window with multiple tabs open, including ORCID, Scopus, and LinkedIn. The active tab is LinkedIn, displaying the profile of Jeremiah Balogun. The profile card is highlighted with a green border. A dropdown menu is open from the profile picture, with the 'View Profile' button highlighted in green. The menu also lists 'Account', 'Manage', and 'Sign Out'. The background shows a post by Jon Steinberg and a list of recommended courses.



RETRIEVING LINKS LinkedIn...

25

Waiting for px.ads.linkedin.com...



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26

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<https://en.wikipedia.org/wiki/H-index>

<https://en.wikipedia.org/wiki/CiteScore>

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https://en.wikipedia.org/wiki/Impact_factor

https://en.wikipedia.org/wiki/SCImago_Journal_Rank

https://en.wikipedia.org/wiki/Journal_ranking#SNIP

<https://en.wikipedia.org/wiki/ResearchGate>

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THANK YOU FOR YOUR ATTENTION!!!

QUESTIONS !!!