NTU Library - your Open Science Partner

NTU Library
Office of Information, Knowledge & Library Services (OIKLS)

15 Aug 2019
Outline

1. Open Access Publishing Models
2. Publishing, Content Hosting & DOI Minting
3. Depositing in DR-NTU
4. Optimizing Researcher Profiles
1. Open Access Publishing Models
Overview of Open Access

Open Access refers to research outputs which are distributed online and free of cost or other barriers. It has the potential to maximize research investments and enhance the overall advancement of scholarship.

There are two ways you can provide open access to your work – Gold Open Access and Green Open Access.

**Gold VS Green Open Access**
Understanding the Differences

**Gold Open Access**
- Submit to open access journal
- Article processing charge (APC) payable
- Immediate public access once article is published

**Green Open Access**
- Submit to subscription-based journal
- Deposit peer reviewed final accepted versions for free in DR-NTU (Open Access)
- Public access usually available after embargo period (if any)
How to Make Your Content Openly Accessible?

1. Publish & host your journal or conference proceeding with the Library without paying APC (Gold publishing)

2. Deposit the peer-reviewed accepted version of your paper into DR-NTU (Green Publishing)
A Suite of Open Publishing Services

- Providing suitable platforms for journal/conference publishing
- Register identifiers as ISSN & ISBN, deposit content to NLB, and promote them on online directory such as DOAJ
- Custom-designed web sites to host contents
- Advisory services on publishing workflow
Examples of Journal & Conference Publishing

https://www.srejournal.org/
Why DOIs?

• DOIs are permanent unique identifiers assigned to publications, data, and other scholarly products.
• DOIs make it easier for researchers’ work to be discovered, cited, and credited to them.
• As part of the scholarly record, DOIs are indexed permanently and remain available in perpetuity.
Types of Digital Objects for DOI minting

DOIs can be assigned to a number of digital objects (without pre-existing DOIs) in DR-NTU including:

- Journal papers
- Conference papers
- Book chapters
- Books
- Data and data sets
- Higher degree theses (PhD & Masters by research)
3. Depositing in DR-NTU
Welcome to DR-NTU (Open Access)
We aim to capture and store papers as the scholarly output of Nanyang Technological University (NTU) and make it available to the global research community. We accept the following categories of publications in our Open Repository: Please email us for the clarification.
• Journal Articles
• Conference Papers
• Theses
• Technical Reports

Communities in DR-NTU
Select a community to browse its collection.
1. School
2. Research Centres and Institutes

DR-NTU (OPEN ACCESS) https://dr.ntu.edu.sg/
DR-NTU (Data) https://researchdata.ntu.edu.sg/
Usage & Impact Reports of DR-NTU

The Repository

Number of views and downloads of the last three years

Top 10 countries views and downloads

Most popular titles and authors

<table>
<thead>
<tr>
<th>Item Title</th>
<th>File downloads</th>
<th>Item viewers</th>
</tr>
</thead>
<tbody>
<tr>
<td>A study of warehouse management systems in Singapore</td>
<td>6,956</td>
<td>7,266</td>
</tr>
<tr>
<td>Improving a physical property of dual wavelength white LED to improve solar cell performance</td>
<td>12,644</td>
<td>1,247</td>
</tr>
<tr>
<td>Young Olympic Athletes</td>
<td>15,515</td>
<td>5,292</td>
</tr>
<tr>
<td>Project go-to-market communications campaign advocating tertiary students in Singapore utilize gadget dependency</td>
<td>13,231</td>
<td>5,534</td>
</tr>
<tr>
<td>Graphene-based composites</td>
<td>4,083</td>
<td>1,944</td>
</tr>
<tr>
<td>Alzheimer’s 110 or amnestic-in anosmic-impaired the well-being of elderly in long-term care facilities</td>
<td>6,791</td>
<td>5,028</td>
</tr>
<tr>
<td>Art and design pedagogy for tomorrow’s lifelong learners</td>
<td>5,267</td>
<td>248</td>
</tr>
<tr>
<td>Global BPR 110 mobile learning for lifelong learning</td>
<td>5,507</td>
<td>1,614</td>
</tr>
<tr>
<td>Customer knowledge management via social media</td>
<td>5,165</td>
<td>310</td>
</tr>
<tr>
<td>The role of Scholarships</td>
<td>5,635</td>
<td>3,025</td>
</tr>
</tbody>
</table>

Analytical study of methods to reduce acceleration-induced movements

<table>
<thead>
<tr>
<th>Author</th>
<th>File downloads</th>
<th>Item viewers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ye, Xiao-Qing (GeE)</td>
<td>52,277</td>
<td>72,536</td>
</tr>
<tr>
<td>Hadi, Yew Hoo Yew (SYrTeh)</td>
<td>43,946</td>
<td>76,377</td>
</tr>
<tr>
<td>Goh, Chee Hwee-Lan (EK19M1CC)</td>
<td>39,617</td>
<td>17,242</td>
</tr>
<tr>
<td>Zhang, Yan-Fei (ECC)</td>
<td>38,580</td>
<td>27,730</td>
</tr>
<tr>
<td>De, Haidi Ani (ECC)</td>
<td>36,740</td>
<td>22,655</td>
</tr>
<tr>
<td>Zhang, Han (ECC)</td>
<td>35,822</td>
<td>105,351</td>
</tr>
<tr>
<td>Deng, Zhi (NGL)</td>
<td>32,947</td>
<td>97,279</td>
</tr>
<tr>
<td>Feng, Say Wei (ECC)</td>
<td>27,475</td>
<td>56,940</td>
</tr>
<tr>
<td>Li, Biao (ECC)</td>
<td>26,497</td>
<td>19,820</td>
</tr>
<tr>
<td>Zhou, Yang (NGL)</td>
<td>26,120</td>
<td>51,805</td>
</tr>
</tbody>
</table>
NTU research data repository

DR-NTU (Data)

https://researchdata.ntu.edu.sg/

- A local installation with infrastructural support by NTU Centre of IT Services
- Built using open-source Dataverse software by Harvard University
- To support NTU researchers in their research data sharing endeavours, including meeting funders, publishers and institutional expectations
The CRADLE (Centre for Research and Development in Learning) dataverse contains research data collected or generated by the Centre that specializes in empowering and transforming learners in higher education and lifelong learning and leading innovative interdisciplinary research founded on the Science of Learning.

For more information on CRADLE, visit Home page.

https://researchdata.ntu.edu.sg/dataverse/CRADLE
Sagarika Bhattacharjee; Rajan Kashyap; Brenda Rapp; Kenichi Oishi; John E Desmond; SH Annabel Chen, 2019, "SATA Biliteracy", https://doi.org/10.21979/N9/DMWPZK, DR-NTU (Data), V1
CRADLE DATASET: SOFTWARE

Sagarika Bhattacharjee; Rajan Kashyap; Brenda Rapp; Kenichi Oishi; John E Desmond; SH Annabel Chen, 2019, "SATA Biliteracy", https://doi.org/10.21979/N9/DMWPZK, DR-NTU (Data), V1
### ANOTHER CRADLE DATASET

2 restricted files:
1. Raw data
2. Readme for variables

<table>
<thead>
<tr>
<th>Title</th>
<th>Translating Educational Neuroscience to Meet Diverse Needs of Children in Schools: Feasibility and Infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Chen, Annabel S.H (Nanyang Technological University) - ORCID: <a href="https://orcid.org/0000-0002-1540-5516">https://orcid.org/0000-0002-1540-5516</a></td>
</tr>
<tr>
<td>Authors</td>
<td>Ng, Betsy (National Institute of Education)</td>
</tr>
<tr>
<td></td>
<td>Tan, Seng Chee (National Institute of Education)</td>
</tr>
<tr>
<td></td>
<td>Poon, Kin Loong Kenneth (National Institute of Education)</td>
</tr>
<tr>
<td></td>
<td>Yeo, Lay See (National Institute of Education)</td>
</tr>
<tr>
<td></td>
<td>Aljunied, Mariam (Ministry of Education)</td>
</tr>
<tr>
<td></td>
<td>Hale, James Bradford</td>
</tr>
</tbody>
</table>

The Test of Word Reading Efficiency – Second Edition (TOWRE-2) assesses the ability to recognise real words (Sight Word Reading Efficiency subtest) and pronounce pseudowords (Phonemic Decoding Efficiency subtest) quickly and accurately. This project administered TOWRE-2 to 1418 children (Primary 1 to Primary 3) from two Singapore schools, two times in the same year, to establish the norms of TOWRE-2 as a benchmark measure in Singapore.

Social Sciences

<table>
<thead>
<tr>
<th>Keyword</th>
<th>reading, Test of Word Reading Efficiency, education</th>
</tr>
</thead>
</table>

**Grant Information**

Singapore National Research Foundation Science of Learning Planning Grant: NRF2015-SOL001-011

<table>
<thead>
<tr>
<th>Depositor</th>
<th>Low, Li Tong</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deposit Date</td>
<td>2019-08-05</td>
</tr>
<tr>
<td>Kind of Data</td>
<td>educational test data</td>
</tr>
</tbody>
</table>
DATA AVAILABILITY REQUIREMENTS FROM PUBLISHERS

The tumour microenvironment creates a niche for the self-renewal of tumour-promoting macrophages in colorectal adenoma.

**Statistical analysis**

Statistical analysis was performed using GraphPad Prism (GraphPad Software, La Jolla, CA, USA). All values are mean ± s.e.m as indicated in the legend. Samples were compared using an unpaired Student's t-test (two-tailed) or Bonferroni multiple comparison test if the variance (ANOVA). A P-value of <0.05 was considered significant.

**Data availability**

The accession number for the RNA-seq data reported in this paper is GEO: GSE90153. Original flow cytometry data are deposited in the NTU Open Access Data Repository DR-NTU (https://researchdata.ntu.edu.sg/dataset.xhtml?persistentId=doi:10.21979/N9/EQXCR0). All other data are available from the authors upon reasonable request.

https://www.nature.com/articles/s41467-018-02834-8
DR-NTU (Data) datasets are indexed in Google Dataset Search (Beta)
SERVICES TO SUPPORT FAIR DATA

OpenAIRE: How to make your data FAIR. https://www.openaire.eu/how-to-make-your-data-fair

https://www.elsevier.com/connect/10-aspects-of-highly-effective-research-data

Contact NTU Library Research Data Management Team at library@ntu.edu.sg
4. Optimizing Researcher Profiles
1. Keep your researcher profiles updated, consistent and public.
2. Submit your ORCiD when submitting your papers to publishers.

For enquiries, email us at library@ntu.edu.sg
Thank You!!!