Using Library Services to break away from paywalls

GOH Su Nee

NTU Library
Office of Information, Knowledge & Library Services

24 October 2019
PAYWALLS!!
Controlling water transport in carbon nanotubes

Kunli Goh, Yuan Chen

https://doi.org/10.1016/j.nantod.2016.12.015
DON’T LOCK UP YOUR PAPERS BEHIND PAYWALLS!
OPEN ACCESS
Singapore funders require open access.

So does NTU.
There’re different open access routes.
Paid open access ...

is gold open access.
How much do authors pay for gold open access?
<table>
<thead>
<tr>
<th>Main Subject Classification</th>
<th>Mean (US$)</th>
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In NTU, authors pay article processing charge (APC) out of their research budgets.
There is a free alternative.
GO GREEN!
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)
WHERE TO CHECK PUBLISHERS’ COPYRIGHT & SELF-ARCHIVING POLICIES?

http://www.sherpa.ac.uk/romeo
DO PUBLISHERS ALLOW SELF-ARCHIVING?

81% of publishers listed in Sherpa/Romeo formally allow some form of self-archiving.

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http://sherpa.ac.uk/romeo/statistics.php?la=en&fIDnum=&mode=simple
WHICH VERSION TO DEPOSIT IN DR-NTU (OPEN ACCESS)?
POST-PRINT VERSION

- Also known as the ‘accepted version’
- Without journal’s formatting with volume and issue numbers
- Publishers typically allow with embargo period – 6 months to 2 years
Controlling water transport in carbon nanotubes

Abstract
Water transport inside carbon nanotubes (CNTs) shows a wealth of unique nanofluidic phenomena, which can be exploited as solutions for many global challenges. However, translating this potential into practical applications remains questionable to date. Recently, a work by Secchi and coworkers provides confirmatory evidence of radius-dependent water slippage inside an individual CNT. This article therefore puts into perspective two key takeaways, namely, nanoconfinement and electronic structures of CNT, as promising approaches to control ultrafast water transport inside CNTs.

Subject
Nanofluidics
Nanoconfinement

Type
Journal Article

Date of Issue
2016

Series/Journal Title
Nano Today

https://dr.ntu.edu.sg/handle/10220/42596
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Collections

SCBE Journal Articles
NEWRI Journal Articles

http://dx.doi.org/10.1016/j.nantod.2016.12.015

Get published version (via Digital Object Identifier)
AS A NTU STAFF/STUDENT WHO WISHES TO ACCESS FULL-TEXT
DISCOVERABILITY IN GOOGLE

Controlling water transport in carbon nanotubes

Page 2 of about 2,070,000 results (0.45 seconds)

Controlling water transport in carbon nanotubes - DR-NTU
https://dr.ntu.edu.sg › handle

by K Goh - 2016 - Cited by 13 - Related articles

Water transport inside carbon nanotubes (CNTs) shows a wealth of unique nanofluidic phenomena, which can be exploited as solutions for many global ...
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- Item views: 266

### Top country/region downloads

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### Top city downloads

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https://dr.ntu.edu.sg/handle/10220/42596
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Where to archive and share your Research Papers & Research Data

Welcome to DR-NTU (Open Access)

We aim to capture, store and preserve the scholarly output of Nanyang Technological University (NTU) and make it available to the global research community. The repository contains open access collections.

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- Bachelor Dissertations
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- Working Papers
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- Conference Papers
- Conference Proceedings
- Technical Reports
- Working Papers
- Theses
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- Book Chapters

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2. Research Centres and Institutes
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Total Hits: 23,719

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Downloads / month

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**INCREASE DISCOVERY**
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To reach wider audience and get more views, with higher chances of getting cited

**Open Access**
Comply with NTU Open Access Policy and Funders’ requirements

**INCREASE OPPORTUNITIES**
More collaborations and further funding

**LONG TERM ACCESS**
A permanent URL to make the full-text accessible anywhere and anytime

**MONITOR USAGE EASILY**
Track download statistics of your publications
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