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**International Open Access Week 2019 Program  
at Northern Campus Library, Hokkaido University, Japan**

**Afternoon Talk**

# **Looking over / for / out of Open Access**

**Hokkaido University Northern Campus Library**

**kitacam@lib.hokudai.ac.jp**

**October 2019**



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# Looking over / for / out of Open Access



## Open Access (OA)

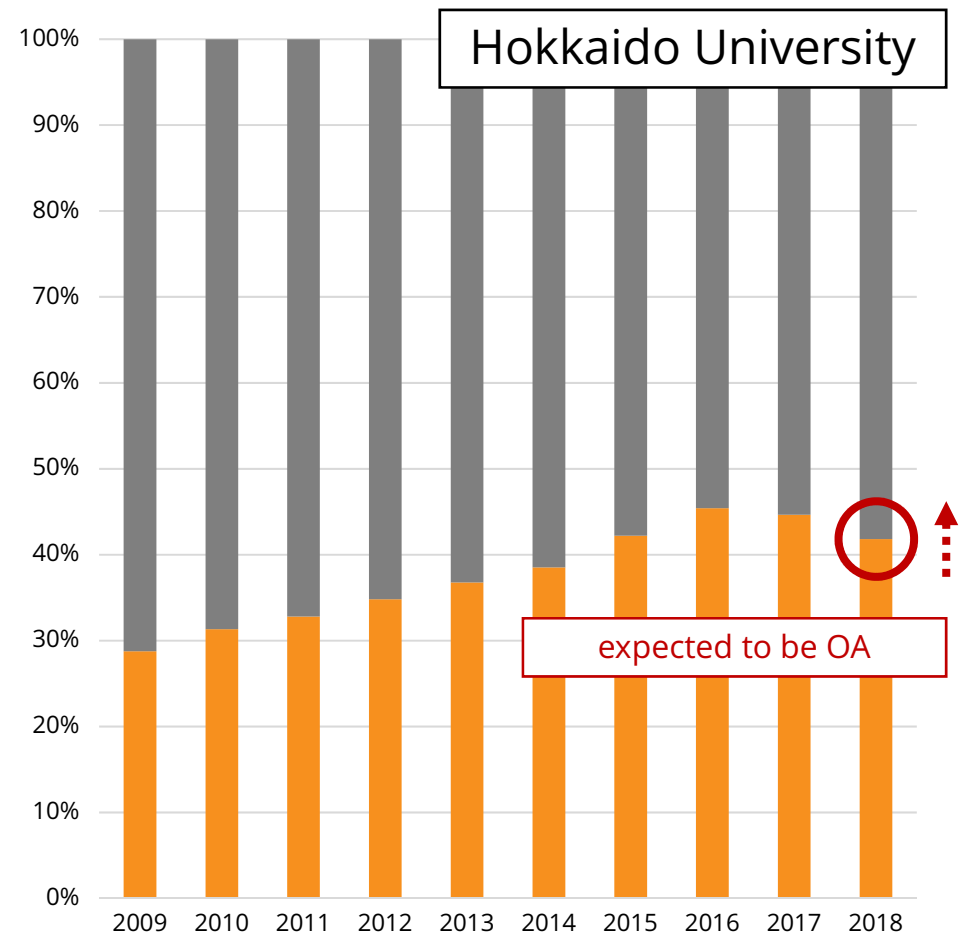
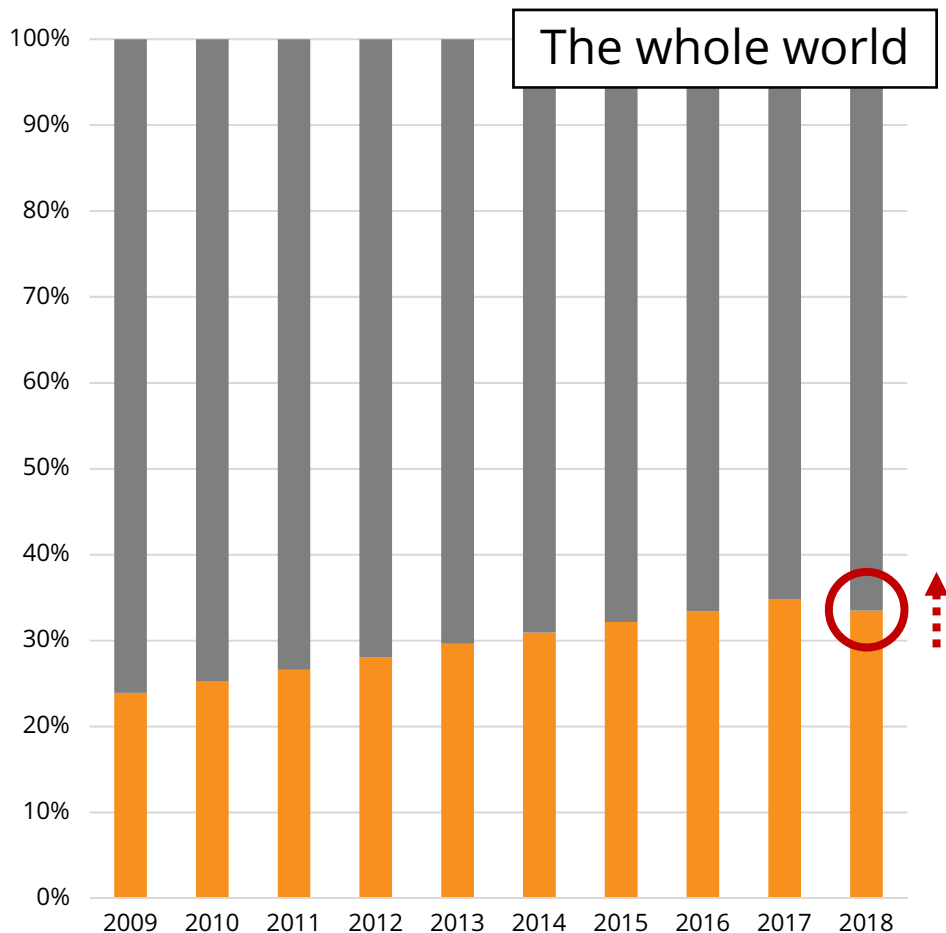
To publish research works on the Internet and make them available for free by everyone

1. Looking over the ways and recent trends of OA
2. Looking for OA papers faster
3. Looking out of predatory OA journals / publishers

# Looking over Open Access

# Looking over Open Access

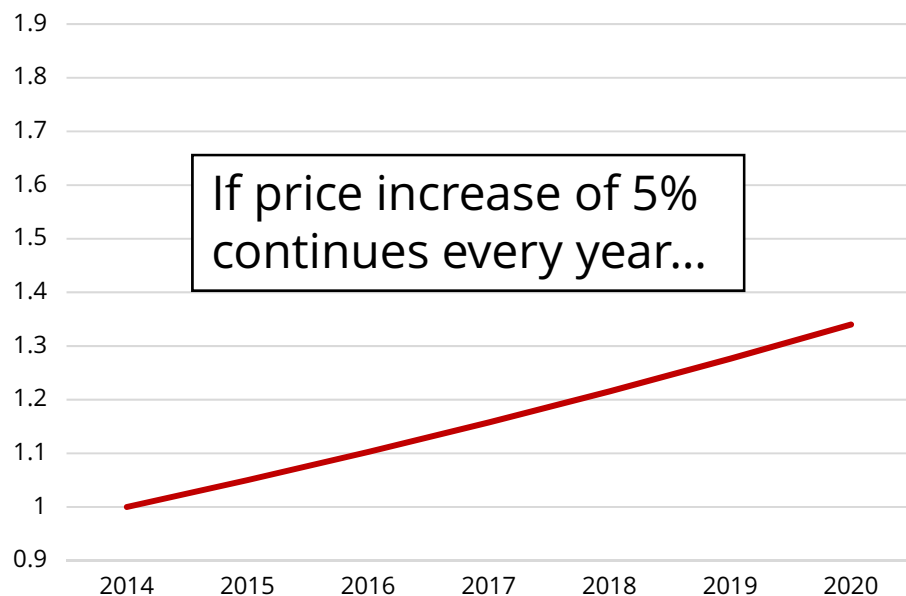
## Percentage of OA papers by Publication Year



These graphs are made by searching SCI-E, SSCI and A&HCI of Web of Science under the following conditions: Year Published = 2009-2018, Document Type = Article, Review, Organization-Enhanced = Hokkaido University and refining the results by the option "Open Access" (accessed 2019-10-18)

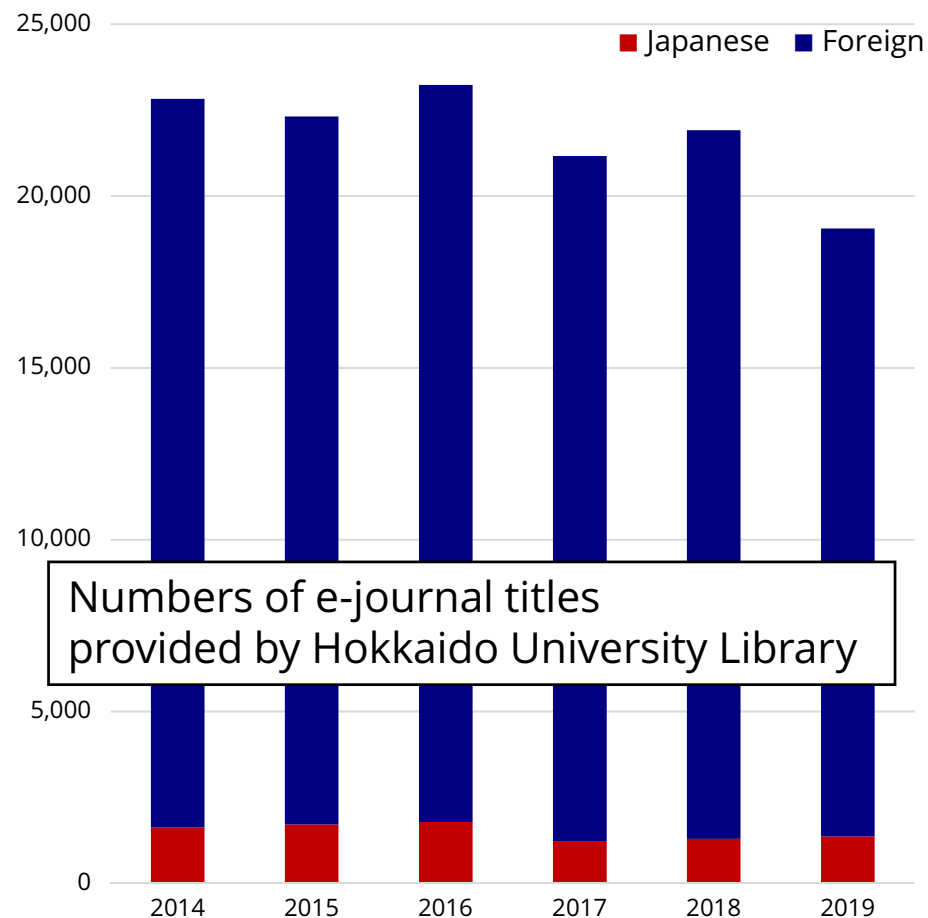
# Looking over Open Access

## One of the background of OA movement: Serials Crisis (goes on...)



EBSCO announces serials price projections every year:

- 2020: price increase of 5-6% for packages, 4-5% price increase for individual titles
- 2019: price increase of 5-6%
- 2018: price increase of 5-6%
- 2017: price increase of 5-6%
- 2016: price increase of 4-6%
- 2015: price increase of 5-7%



EBSCO's announcements are available online:

[2020](#), [2019 \(PDF\)](#), [2018 \(PDF\)](#), [2017 \(PDF\)](#), [2016 \(PDF\)](#), [2015 \(PDF\)](#) (accessed 2019-10-28)

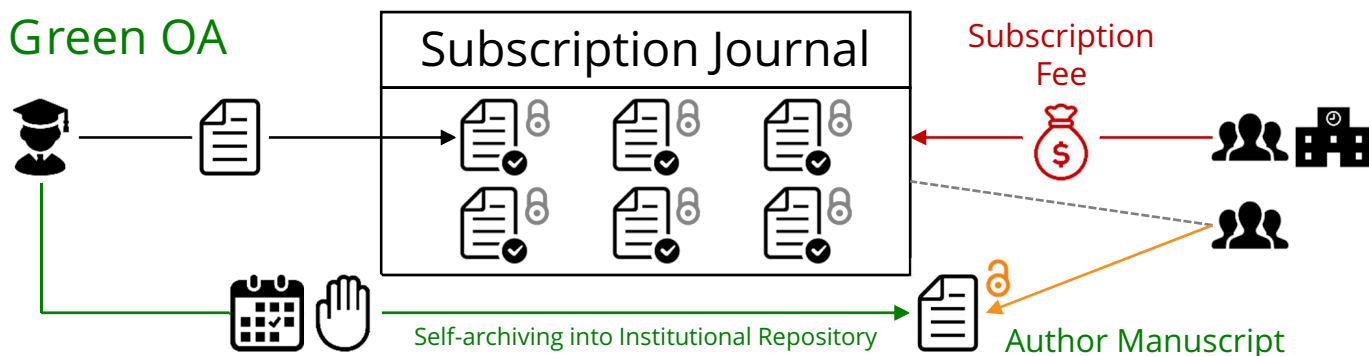
Numbers of e-journal titles provided by Hokkaido University Library are calculated from "Hokkaido University Library Annual Report" 2014-2019 (in Japanese)

[https://www.lib.hokudai.ac.jp/about/publications/#href\\_nenpo](https://www.lib.hokudai.ac.jp/about/publications/#href_nenpo) (accessed 2019-10-23)

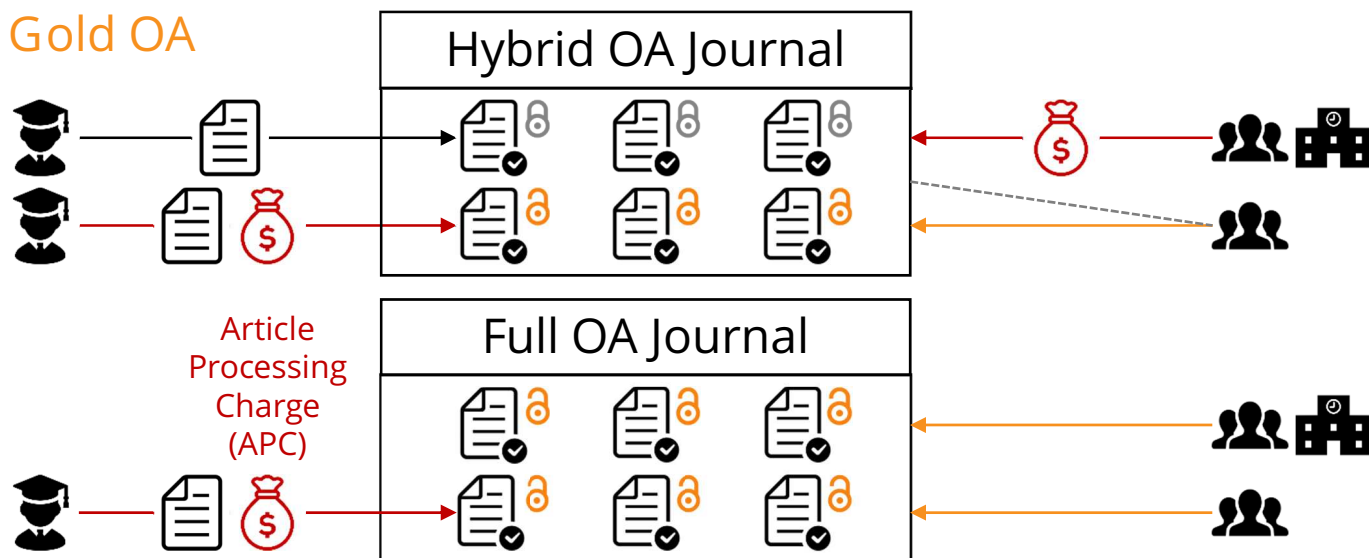
# Looking over Open Access

## Ways of OA

### Green OA



### Gold OA



Over 70% of the 4 major publishers' journals and 45% of all journals are of this type

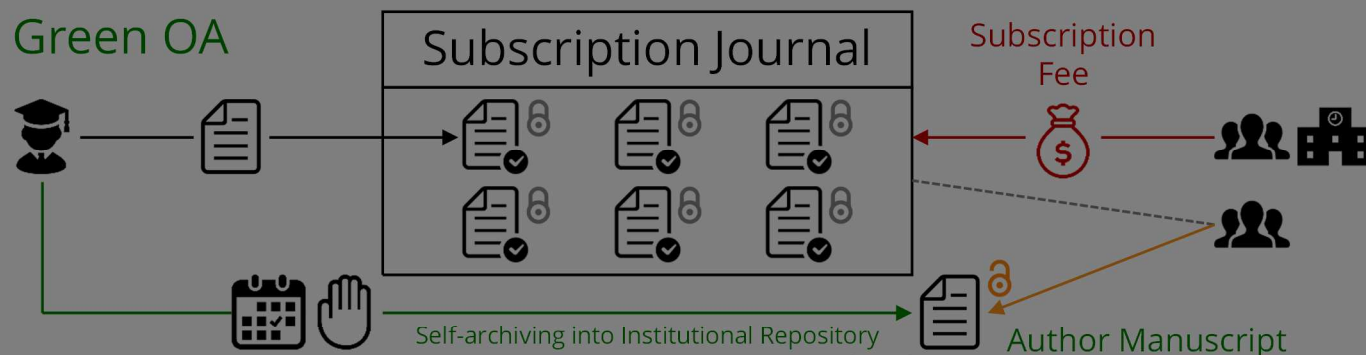
Our institutional repository is Hokkaido University Collection of Scholarly and Academic Papers (HUSCAP)  
<https://eprints.lib.hokudai.ac.jp> (accessed 2019-10-25)

Hokkaido University Library provides information on discounts of APC on the following website (in Japanese):  
<https://www.lib.hokudai.ac.jp/support/apc> (accessed 2019-10-25)

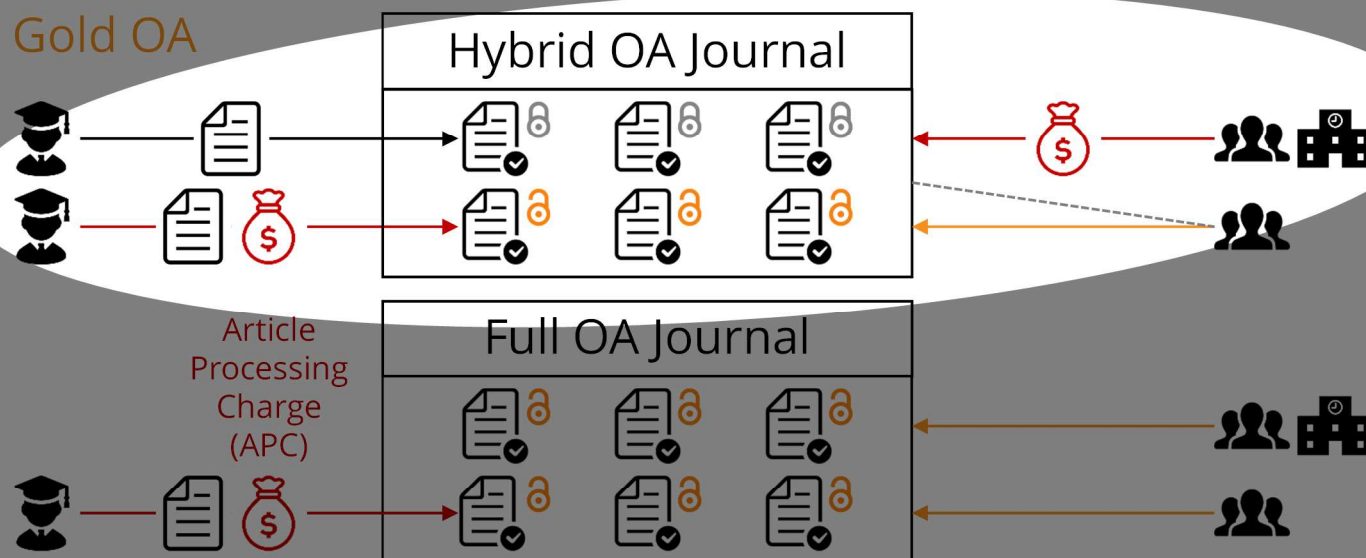
# Looking over Open Access

## Ways of OA

### Green OA



### Gold OA



Our institutional repository is Hokkaido University Collection of Scholarly and Academic Papers (HUSCAP)  
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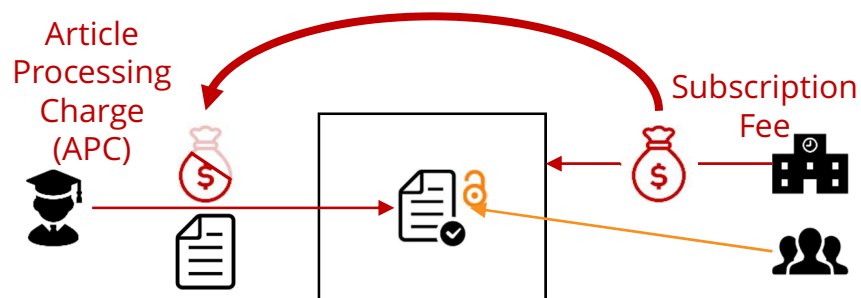
Hokkaido University Library provides information on discounts of APC on the following website (in Japanese):  
<https://www.lib.hokudai.ac.jp/support/apc> (accessed 2019-10-25)



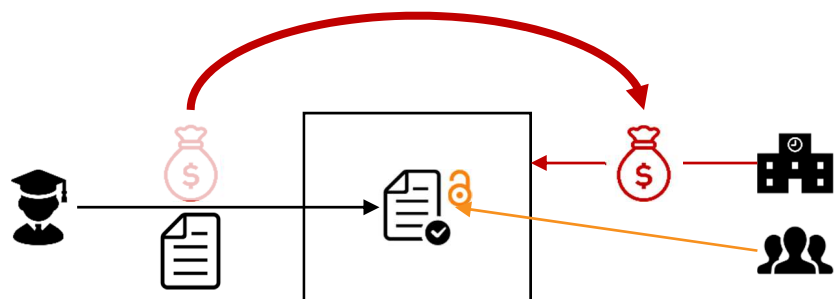
# Looking over Open Access

## Attempts of transformation from subscription to OA publishing

### Offsetting Agreement



### Read and Publish Agreement



### OA2020 <https://oa2020.org>

- aims to transform to OA publishing based not only on transfer from subscription fee, but also on the situation of countries or institutions
- Calculation of Max Planck Digital Library
  - The whole world: Subscription Fee > APC
  - DE, UK, FR, US: transformable
- Survey of Japan Alliance of University Library Consortia for E-Resources (JUSTICE)
  - JPN: Subscription Fee > Necessary Expenses for OA

Refer to the following documents for details \* The former is Japanese

Sawako KOJIN, Keiko YANO. Towards transformation from journal subscription to open access publishing. *Journal of College and University Libraries*. 2018, vol. 109, 2015, doi:10.20722/jcul.2015. [https://www.jstage.jst.go.jp/article/jcul/109/0/109\\_2015/\\_article/-char/en](https://www.jstage.jst.go.jp/article/jcul/109/0/109_2015/_article/-char/en), (accessed 2019-10-23).

SCHIMMER Ralf, GESCHUHN Kai Karin, VOGLER Andreas. Disrupting the subscription journals' business model for the necessary large-scale transformation to open access. 2015, doi:10.17617/1.3. <http://hdl.handle.net/11858/00-001M-0000-0026-C274-7>, (accessed 2019-10-30).

# Looking over Open Access

## OA policies of research funder / institution

- Japan Society for the Promotion of Science (JSPS)  
OA of papers supported by KAKENHI is recommended  
[https://www.jsps.go.jp/data/Open\\_access.pdf](https://www.jsps.go.jp/data/Open_access.pdf) (in Japanese)
- Japan Science and Technology Agency (JST)  
JST Policy on Open Access to Research Publications and Research Data Management, and its Implementation Guidelines (2017-04-01)  
Green OA is recommended, Gold OA can be selected  
<https://www.jst.go.jp/EN/about/strategy.html>
- Hokkaido University  
Hokkaido University Open Access Policy (2019-06-25)  
OA as a general rule (Author may choose methods for OA)  
[https://eprints.lib.hokudai.ac.jp/oa-policy\\_en.pdf](https://eprints.lib.hokudai.ac.jp/oa-policy_en.pdf)

# Looking over Open Access

## Plan S <https://www.coalition-s.org>

- An initiative set by cOAlition S, a consortium of European funders
- requires that from **2021** the subsidized research results be **immediately** set **OA**
- 2-3% of Hokkaido University papers seem to have been subsidized by Plan S signing funders
- There may be no immediate response, but the impact is expected to spread

<https://www.coalition-s.org/funders> (accessed 2019-10-22)

The screenshot shows the Plan S website with a header navigation bar and a main content area. The main content area is titled "Funders that have endorsed Plan S and are jointly working on its implementation" and is divided into four sections: "Supported by", "National funders", "Charitable and international funders", and "European funders".

**Supported by:** SCIENCE EUROPE

**National funders:** FWF (Der Wissenschaftsfonds), ACADEMY OF FINLAND, ANR, Sfi (Finnish Research Council), INFN (INFN - National Institute for Nuclear Physics), Luxembourg National Research Fund, NWO (Netherlands Organisation for Scientific Research), The Research Council of Norway, NATIONAL SCIENCE CENTRE (Poland), ANRS (ANRS - Institut national de la santé et de la recherche médicale), FORTE (Fondazione per la Ricerca e l'Innovazione), FORMAS (Formas - Swedish Research Council for Health, Education and Sports), UK Research and Innovation, VINNOVA (Swedish Innovation Agency).

**Charitable and international funders:** W (Wellcome), BILL & MELINDA GATES Foundation, World Health Organization, TDR (For research on diseases of poverty), asap (Aligning Science Across Partnerships).

**European funders:** European Union flag, ERC (European Research Council).

Join the coalition Copyright © 2019 Science Europe

Refer to the following documents for details \* The both are written in Japanese

Yutaka HAYASHI. Plan S: Principles and Implementation. The Journal of Information Science and Technology Association. 2019, vol. 69, issue 2, p. 89–93, doi:10.18919/jkg.69.2\_89. [https://www.jstage.jst.go.jp/article/jkg/69/2/69\\_89/\\_article/-char/en](https://www.jstage.jst.go.jp/article/jkg/69/2/69_89/_article/-char/en), (accessed 2019-10-23).

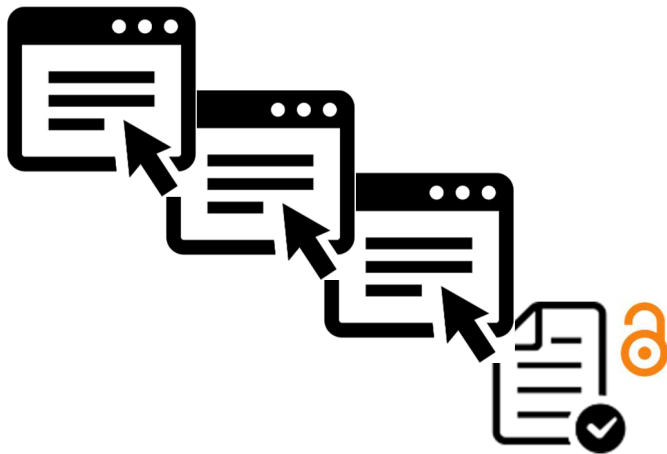
Miho FUNAMORI. Plan S revised—Its impact and possible measures in Japan. The Journal of Information Science and Technology Association. 2019, vol. 69, issue 8, p. 390–396, doi:10.18919/jkg.69.8\_390. [https://www.jstage.jst.go.jp/article/jkg/69/8/69\\_390/\\_article/-char/en](https://www.jstage.jst.go.jp/article/jkg/69/8/69_390/_article/-char/en), (accessed 2019-10-23).

# Looking for Open Access

# Looking for Open Access

Open but hard to find?

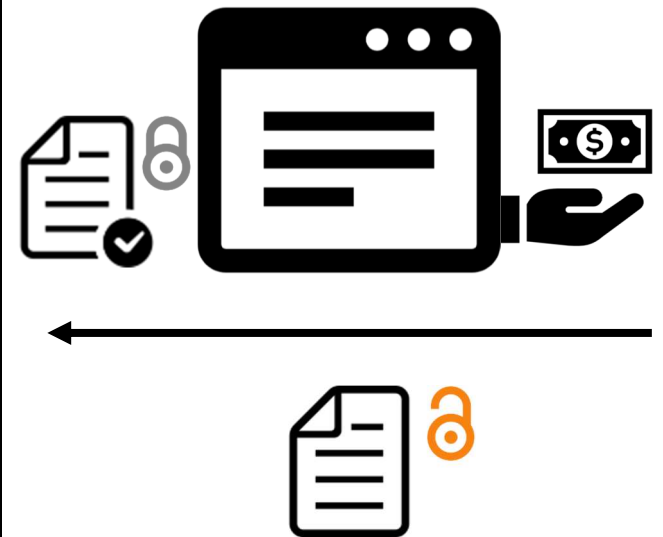
Click repeatedly  
to PDF



Where is  
the button to PDF?



Author Manuscripts  
are often overlooked



# Looking for Open Access

## Examples of tools for finding OA papers

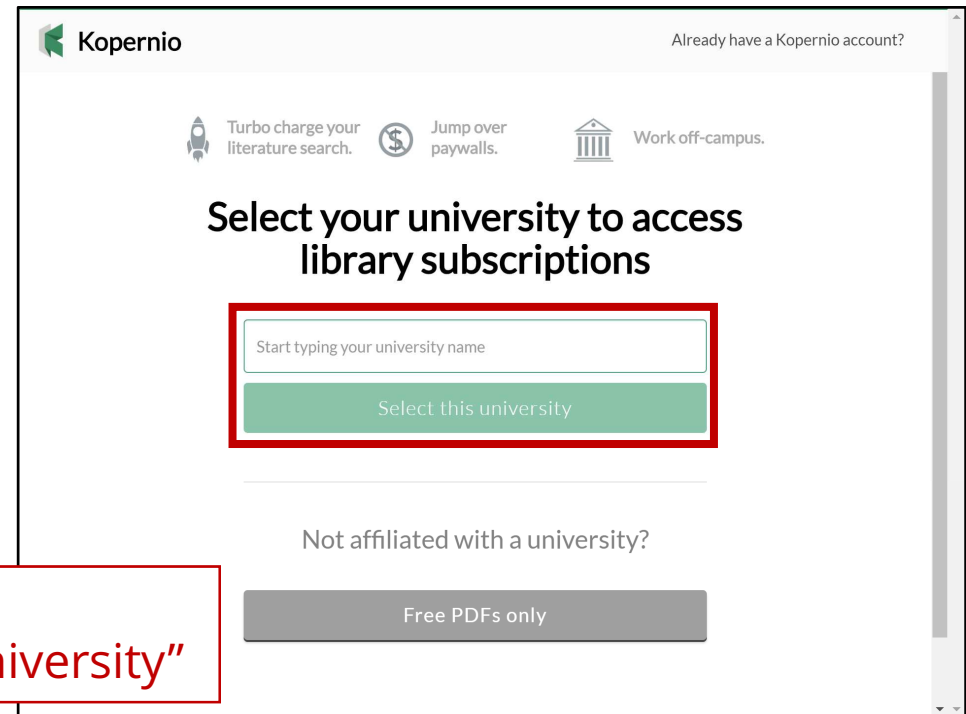
- Unpaywall (extension for Chrome and Firefox)  
if OA is available, displays a green button to PDF  
if OA is **un**available, displays a gray button  
<https://unpaywall.org>
- Open Access Button (extension for Chrome and Firefox)  
if OA is available, downloads PDF  
if OA is **un**available, requests the author to self-archive  
<https://openaccessbutton.org>
- Google Scholar  
if PDF is available, displays the link to PDF on the right of the screen  
<https://scholar.google.com>

# Looking for Open Access

## Kopernio (Extension for Chrome and Firefox) <https://kopernio.com>

- With one click you can get the subscribed paper and the OA version of the unsubscribed paper
- Once you log in to Remote Access, you can always access the subscribed papers from outside the university network

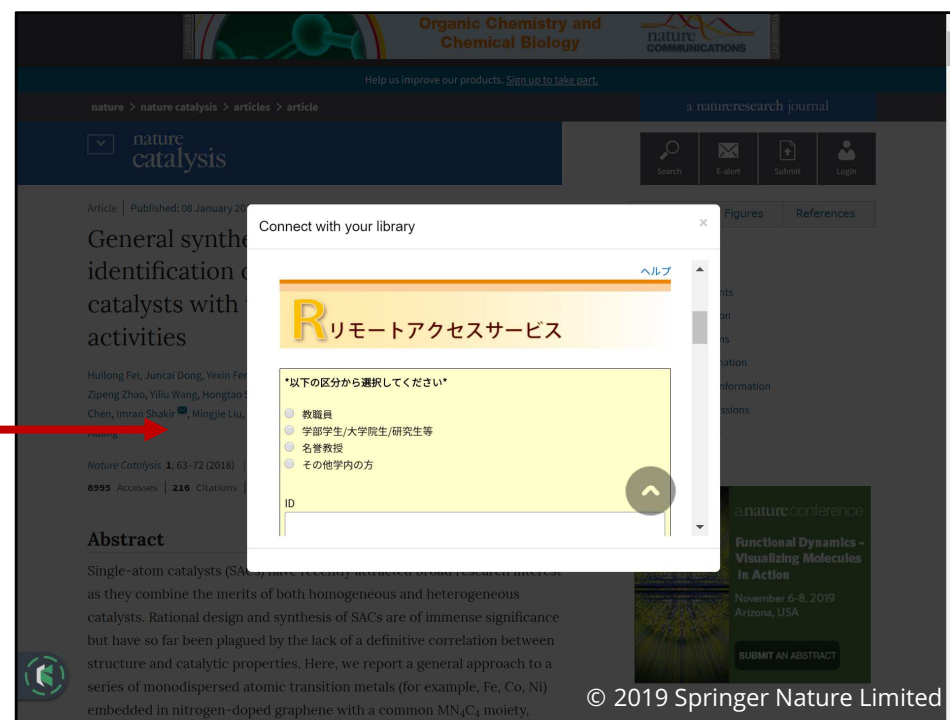
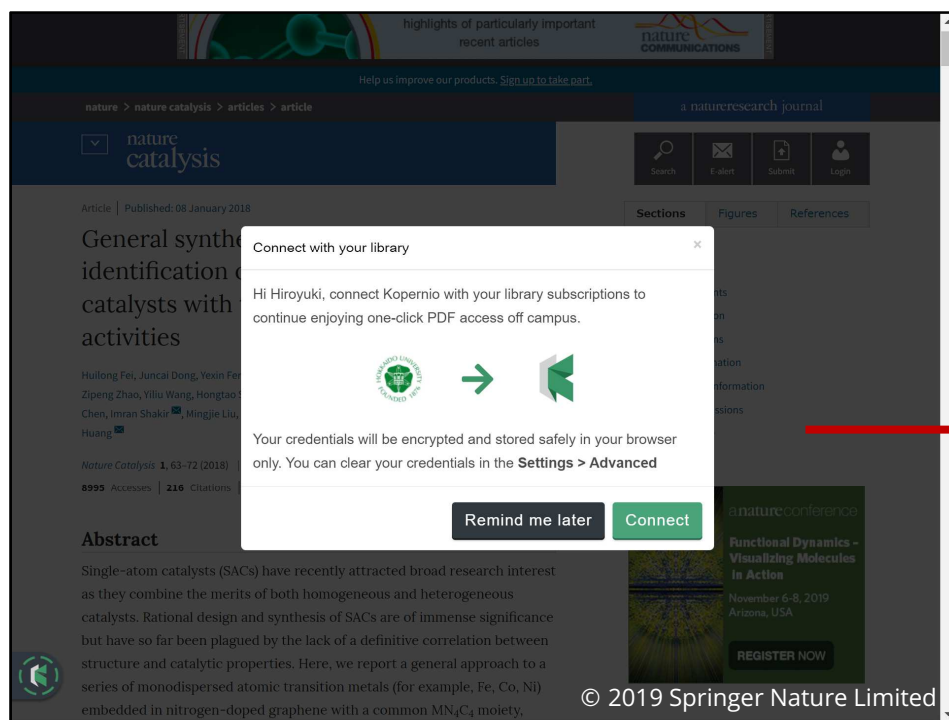
When creating an account, enter and select "Hokkaido University"



The screenshot shows the Kopernio website interface. At the top, there is a navigation bar with the Kopernio logo and a link for users who already have an account. Below the navigation bar, there are three icons with text: a rocket icon for 'Turbo charge your literature search.', a dollar sign icon for 'Jump over paywalls.', and a building icon for 'Work off-campus.'. The main heading is 'Select your university to access library subscriptions'. Below this heading is a search input field with the placeholder text 'Start typing your university name'. A green button labeled 'Select this university' is positioned directly below the input field. Below the button, there is a link for 'Not affiliated with a university?' and a grey button labeled 'Free PDFs only'.

# Looking for Open Access

## Setting of Remote Access with Kopernio



The first time you try to get a paper, Kopernio asks you whether to log in to Remote Access



# Looking for Open Access

## How Kopernio works

The screenshot shows a Nature Catalysis article page. The article title is "A bioinspired soluble manganese cluster as a water oxidation electrocatalyst with low overpotential". The author is Galia Maayan, Naama Gluz & George Christou. A red box highlights a "PDF Found" overlay with the following options: "Your Kopernio Locker", "Publisher Version", "OA alternative", and "Google Scholar". A "View PDF" button is also visible.

Kopernio automatically seeks PDF in the following order:

1. in your Locker (personal folder on the cloud)
2. publisher version
3. OA version
4. in Google Scholar

The screenshot shows a Nature Catalysis article page. The article title is "General synthesis and definitive structural identification of  $Mn_4C_4$  single-atom catalysts with tunable electrocatalytic activities". The authors are Huilong Fei, Juncal Dong, Yexin Feng, Christopher S. Allen, Chengzhang Wan, Boris Voloskiy, Mian Li, Zipeng Zhao, Hui Wang, Hongtao Sun, Pengfei An, Wenxing Chen, Zhiying Guo, Chaojie Liu, Tiandou Hu, Yadong Li, Angus I. Kirkland. A red box highlights a "Keep looking for PDF?" overlay with the text: "Click here to check other access options from Hokkaido University Library".

When PDF is not found in 1-4 on the left, Kopernio leads you

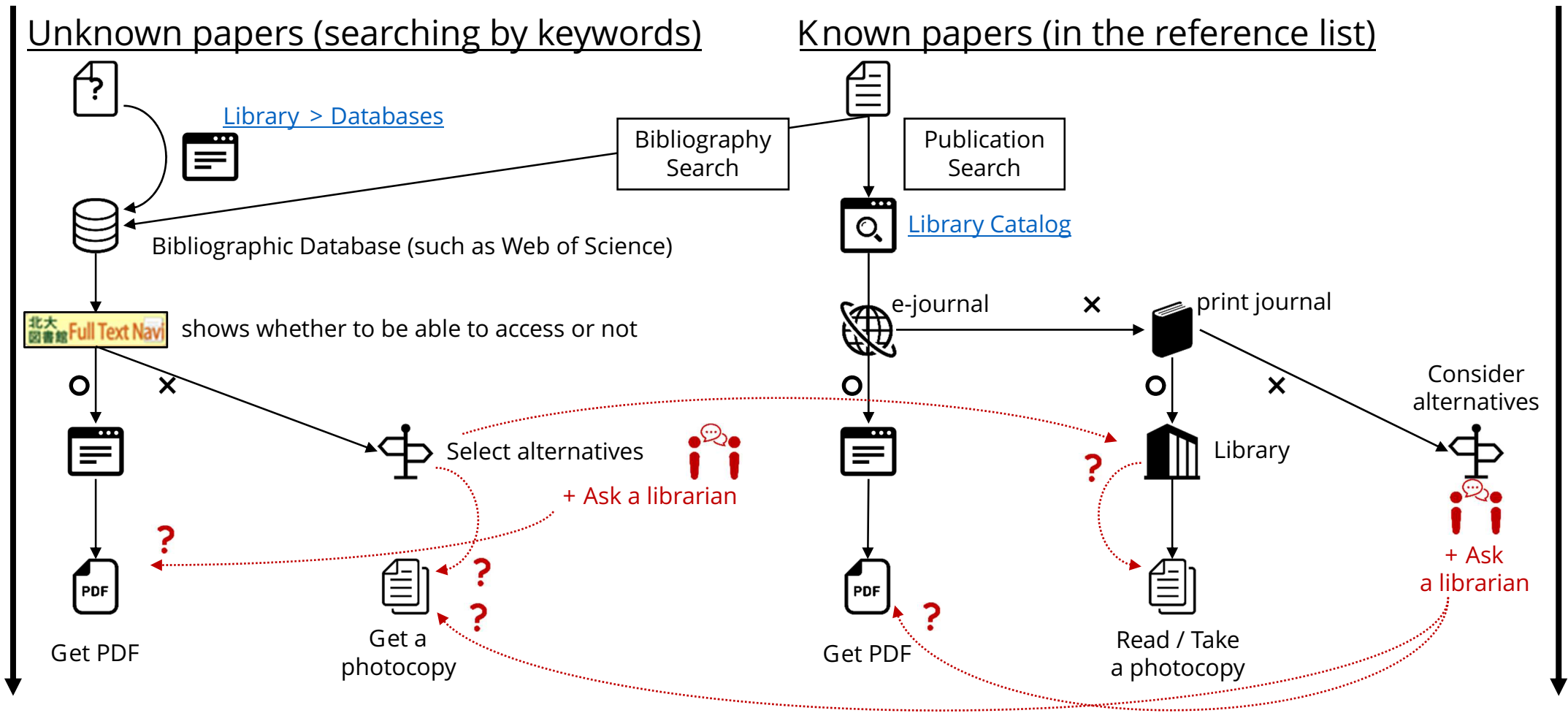
to the screen providing alternatives

- In the case the screen does not work please take alternatives yourself

# Looking for Open Access

## Reference 1: Basics of getting papers

\* All the papers cannot be always got



# Looking for Open Access

## Reference 2: Sharing papers and Altmetric

- Publishers may allow authors to share papers as a service  
However, usually we can access shareable papers only a limited numbers of times, or cannot print or save them
- You can find mentions to a paper on SNS and blogs through its Altmetric  
The author may have written a link for her/his shareable paper

The image displays three sequential screenshots of a journal article page, illustrating the process of accessing and sharing the article. The article title is "New Tools for Finding Full-Text Articles Faster: Kopernio, Nomad, Unpaywall, and More" by Matthew B. Hoy.

**Left Screenshot:** Shows the article's abstract and a "Purchase" section. A red box highlights the "Purchase" options, which include an "Article Purchase" for USD 43.00 (24 hours of access) and an "Issue Purchase" for USD 200.00 (30 days of access). A red hand icon points to the purchase options.

**Middle Screenshot:** Shows the "Article Metrics" section. A red box highlights the "Altmetric" score, which is 2. A red arrow points from the purchase section to this screenshot.

**Right Screenshot:** Shows the "Article Metrics" section with a red box highlighting the "Mentioned by" section. A red hand icon points to a tweet from Steven MacCall mentioning the article. A red arrow points from the altmetric section to this screenshot.

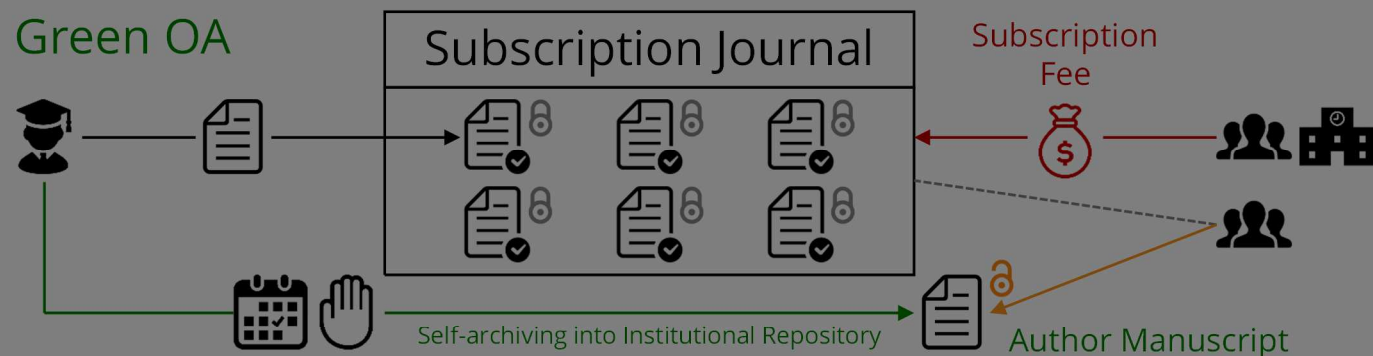
Copyright © 2019 Informa UK Limited

# Looking out of Open Access

# Looking over Open Access

## Ways of OA

### Green OA

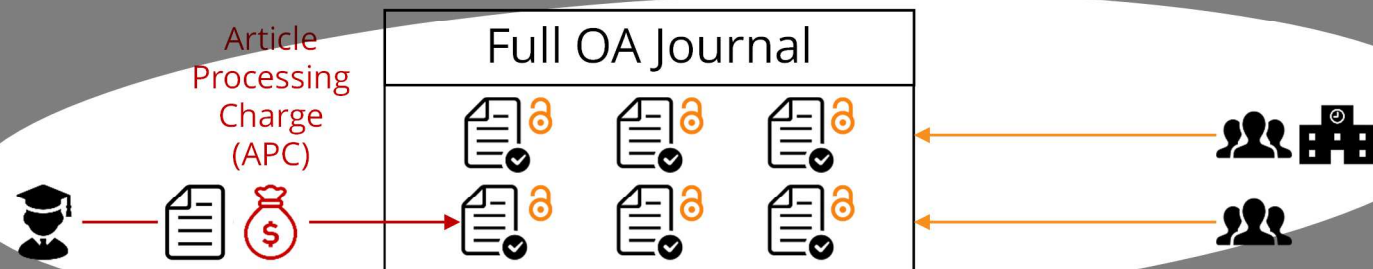


### Gold OA



Over 70% of the 4 major publishers' journals and 45% of all journals are of this type

### Article Processing Charge (APC)



Our institutional repository is Hokkaido University Collection of Scholarly and Academic Papers (HUSCAP)  
<https://eprints.lib.hokudai.ac.jp> (accessed 2019-10-25)

Hokkaido University Library provides information on discounts of APC on the following website (in Japanese):  
<https://www.lib.hokudai.ac.jp/support/apc> (accessed 2019-10-25)

# Looking out of Open Access

## Predatory Journals

- Suspicious academic journals that publish papers with inappropriate or no peer-review only for making money (profit from APC)
- The actual situation is unclear, but there are damage reports and legal cases
- Problems
  - Money trouble such as too expensive APC charges
  - Decreasing trust in research results due to insufficient peer-review
  - If the publisher abandons cost of maintaining OA, the research achievement may disappear
  - Social criticism (when lost APC is public fund)
  - Spread of insufficiently checked papers

From here on, the following Japanese document has been translated, restructured and rewritten

Hiroyuki CHIBA. Problems of Predatory Journals : from the Perspective of University Librarians. Current Awareness. 2019, no. 341, p. 12-14, doi:10.11501/11359093. <https://current.ndl.go.jp/ca1960>, (accessed 2019-10-23).

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<https://creativecommons.org/licenses/by/4.0>

# Looking out of Open Access

## Major features of Predatory Journals

They often

- call for papers by mass e-mails
- guarantee quick peer-review and/or publication in a short period
- does not show APC and publication process
- have the rough and poor website
- display the indicators misleading as if they were top journals
- plan to cheat many researchers in many other ways  
(handle a too wide range of research fields,  
use a name similar to a famous journal, and so on)

# Looking out of Open Access

## Ways to find out if a journal or a publisher is predatory

- Does it have the features described previously?
- Visit Think. Check. Submit. <https://thinkchecksubmit.org>
- What can be grounds for soundness
  - A publisher belongs to [COPE](#) and [OASPA](#)
  - A journal is indexed in [DOAJ](#) and paid database (such as Web of Science, Scopus)
- The basis for doubting soundness?
  - [Beall's List](#)
    - Anonymous volunteer has taken over the list, which a librarian created and deleted later
  - [In my opinion] Can you explain the reason for submitting to the journal?



# Looking out of Open Access

## The indicator to watch out for: Journal Impact Factor (JIF)

- What is the official name?  
Global Impact Factor or Scientific Impact Factor is another indicator
- What is the data source and provider?  
Web of Science provided by Clarivate Analytics
- What year is the version of JIF?  
The latest version is 2018 JIF released in June 2019  
(The previous year's JIF is released in every June)  
The version remain old?  
The journal might have caused some problem  
and may be now being excluded from Web of Science
- Visit Journal Citation Reports and check JIF there  
<https://jcr.clarivate.com>

Think about Open Access