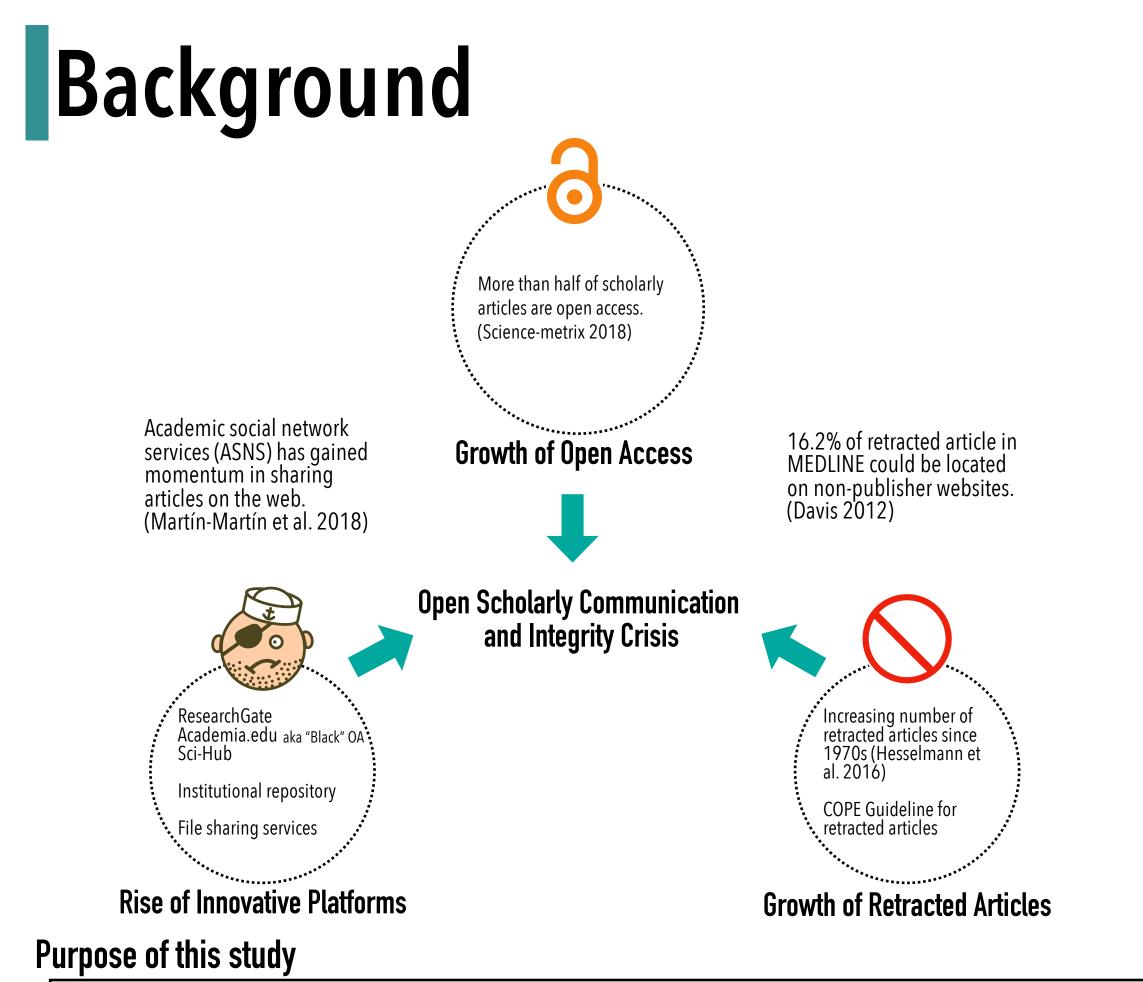
Toward Responsible Scholarly Communication and Innovation: A Survey of the Prevalence of Retracted Articles on Scholarly Communication Platforms

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Open scholarly communication benefits us with unprecedented open access to scholarly information and many innovations, but it requires adequate quality control. This study aims to identify the extent of online availability of retracted articles across all disciplines in early 2019. In all, 1,541 articles were identified in Web of Science, published between 2000 and 2018. Using Google, Google Scholar, and Sci-Hub, the full text of articles were searched on formal and informal platforms. The results showed that while even formal publishers could not comply with Committee on Publication Ethics (COPE) guidelines (e.g., the lack of retraction alerts and open availability), most copies on informal platforms were non-Version of Record, lacking any information of retracted articles by scholarly communication platforms, particularly by informal platforms.

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To identify where, how and to what degree retracted articles in all disciplines are posted on scholarly communication platforms

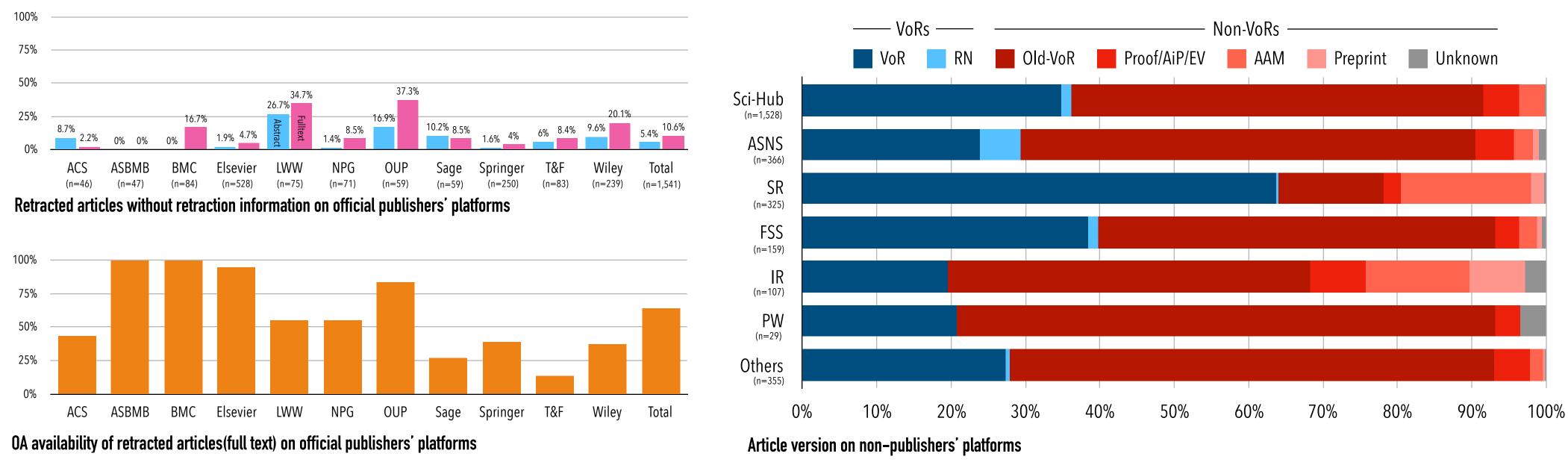
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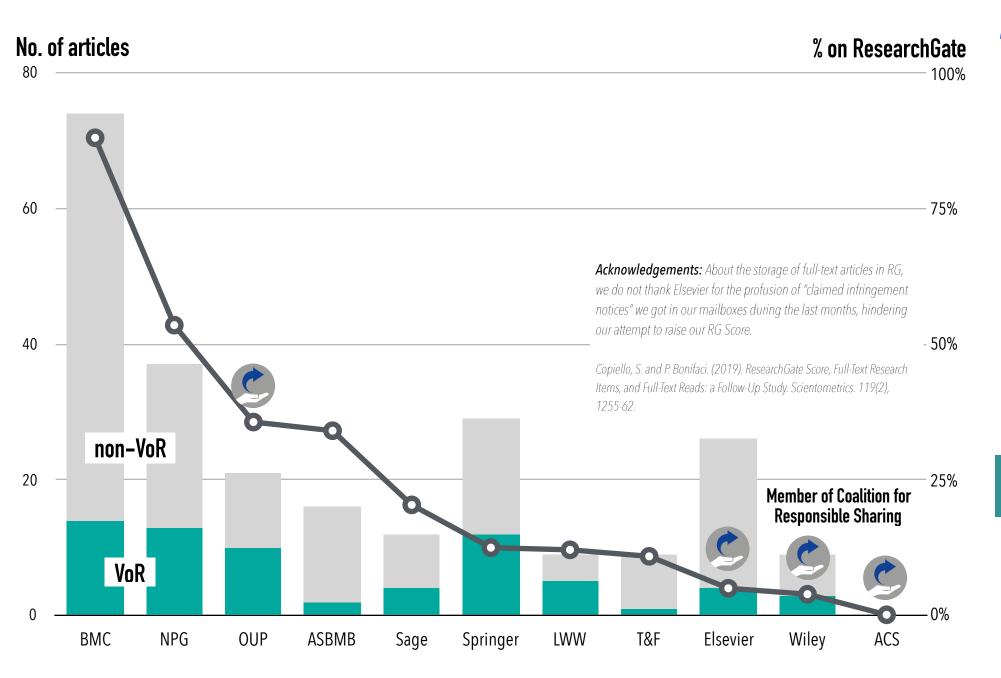
Sampling	J	Web Search	Manual Check	Abstract Fulltex
OR Letters	"See vol" OR "Retraction of vol" OR "Retracted	Google Article's title 4 1 1 1 1 1 1 1 1 1 1	Full text's availability and OA/non-OA status	Full text Availability:Yes/No Open Access: Yes/No
			Style of retraction	heading, watermark, reason for retraction, and links to the retraction notice
	Retracted publication OR Correction OR Correction, Addition OR		Article version	VoR(Version of Record), old-VoR, proof/article in press/early view, author-accepted manuscript [AAM], preprint, retraction note [RN], unknown
	OR Letters		File location	official publisher platform, Sci-Hub, academic social network services [ASNS], subject repository [SR], institutional/departmental website [IR], personal website [PW], and others
5 5	English 2000-2018			
Language Publication year	Addition OR Article OR Review OR Letters English 2000-2018		File location	official publisher platform, Sci-Hub, academic so network services [ASNS], subject repository [SR] institutional/departmental website [IR], persona

5,194 records were identified. A random sampling, with a confidence level of 99% and a sampling error of 2%, yielded 2,500 retracted articles. Among the samples, this poster analyzed 1,541 articles from top 11 publishers

Results & Discussion







Article version and percentage of articles posted on ResearchGate



Online propagation and inadequate quality control of retracted articles by scholarly communication platforms, particularly non-publisher's platforms.

Really interested in hearing your opinion on these topics

Platform Governance

• Even official publishers can not properly manage retracted articles on their own platforms. Why not?

• How can we prevent non-publisher's platform and its users from sharing of retracted articles?

• Openness of Retracted articles

- Making retracted articles freely available may promote the continued citations after retraction (Bar-Ilan & Halevi 2018) and online propagation on non-publisher's platform.
- Is it favorable that publishers sell retracted article as pay-per-view?

• Do we still need PDF version of an article?

- Many versions of PDF created "as a file" on official platforms can not avoid illicit sharing
- Read/save-as-local-files model is still important to read/manage articles in the coming era of "always-connectd"?

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