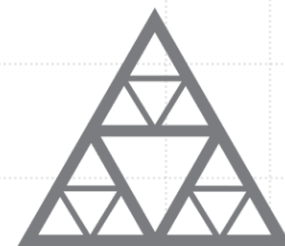


Comment signaler les corrections et les rétractations dans HAL ?

Journées CasuHAL – 24 juin 2025

Frédérique Bordignon



ÉCOLE NATIONALE DES
PONTS
ET CHAUSSÉES



IP PARIS

LISIS



Correction de la science

Processus subtils et incrémentaux

processus invisibles/moins visibles
discussion entre pairs, citations critiques,
projets (ratés) de réplique

"une grande diversité d'actions"

(Bordignon 2023 <https://enpc.hal.science/hal-04195117>
pour les résultats d'une enquête auprès de chimistes,
présentés à ENRIO 2023)

Correction du "scientific record", de la littérature scientifique, de l'archive de la science

procédures visibles
erratum, corrigendum,
rétractation

"disruptive intervention"

(Dougherty, 2019)

Correction de la science

Comment les informations de correction sont-elles reportées dans les différentes bases de données, notamment les ARCHIVES OUVERTES ?

Correction du "scientific record", de la littérature scientifique, de l'archive de la science

procédures visibles
erratum, corrigendum,
rétractation

"disruptive intervention"
(Dougherty, 2019)

Version of record

version définitive d'un article de revue qui a été mise à disposition par toute organisation qui agit en tant qu'éditeur en déclarant formellement et exclusivement l'article comme "publié" (NISO, 2008).

fixed version of a journal article that has been made available by any organization that acts as a publisher by formally and exclusively declaring the article "published" (NISO, 2008)

Ne pas confondre **Intégrité Scientifique** et **intégrité de la littérature scientifique.**

Ne pas faire de raccourci entre **Science Ouverte** et **Intégrité Scientifique.**



En France, l'intégrité scientifique est désormais définie dans le code de la recherche (article L. 211-2) comme l'ensemble des règles et des valeurs qui doivent régir les activités de recherche pour en garantir le caractère honnête et rigoureux.

La Science Ouverte n'est pas un totem d'immunité

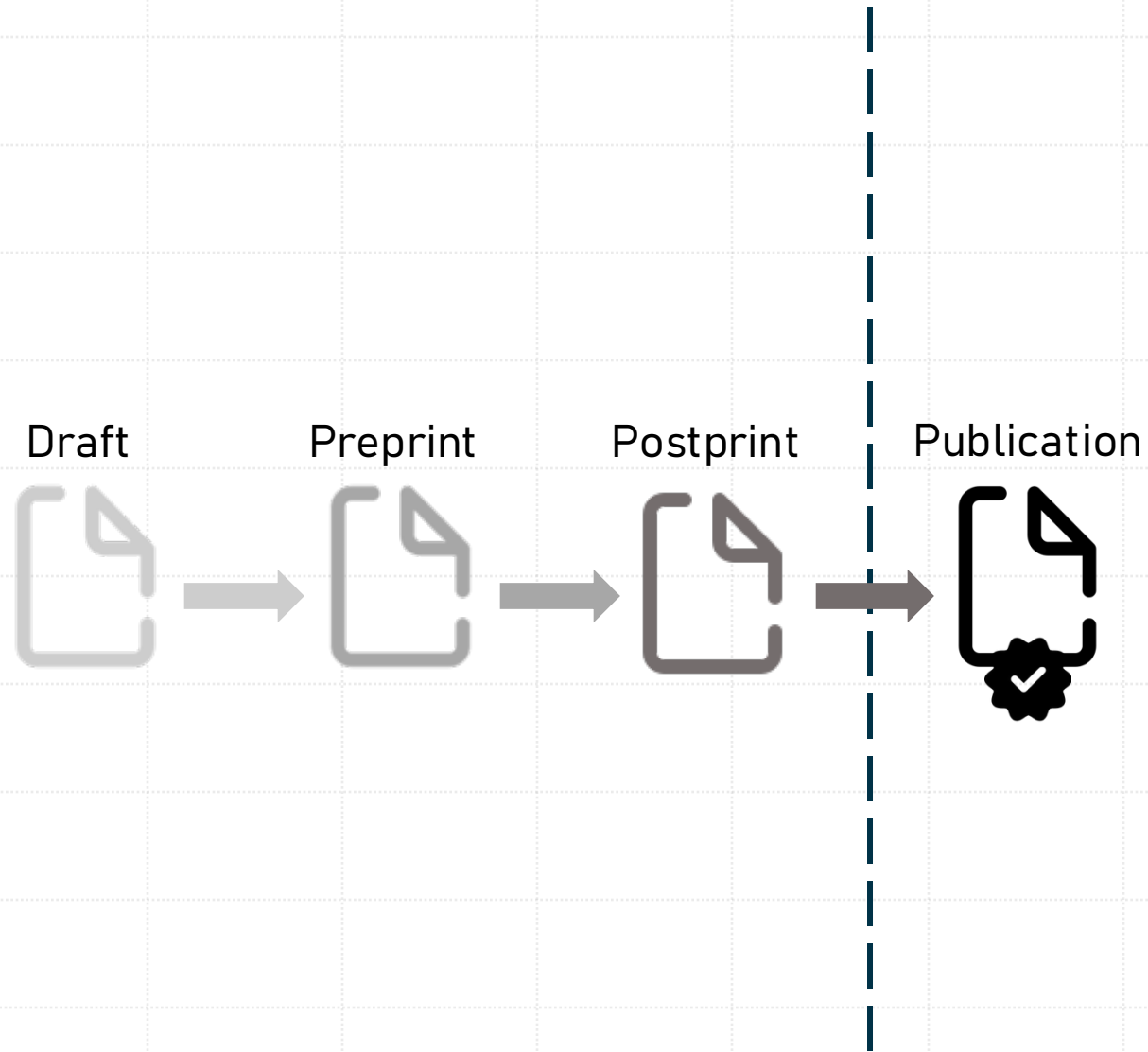
L'**Open Science** en général et l'**Open Access** en particulier ne **garantissent** pas l'intégrité de la recherche ou la fiabilité des résultats partagés.

MAIS

- Ils offrent au chercheur la possibilité de se rendre **comptable** des résultats qu'il partage.
- Ils offrent les conditions nécessaires à l'élaboration de cette **garantie**.



Maintenir l'intégrité du *record*



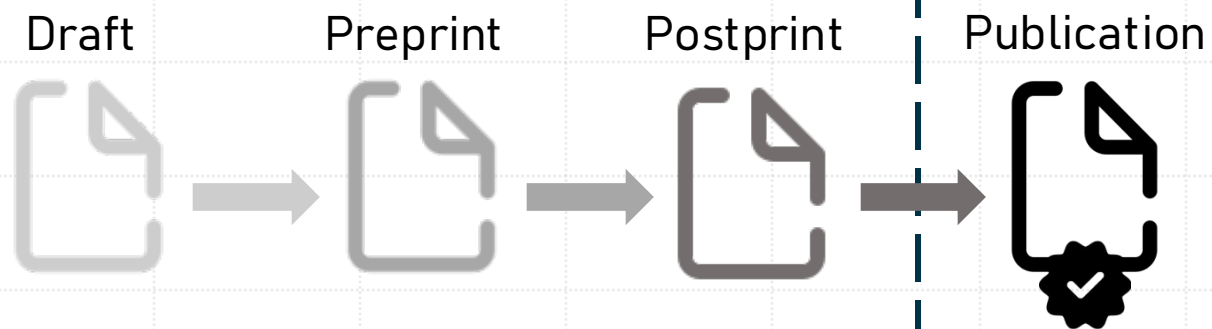
Maintenir l'intégrité du *record*

Publisher

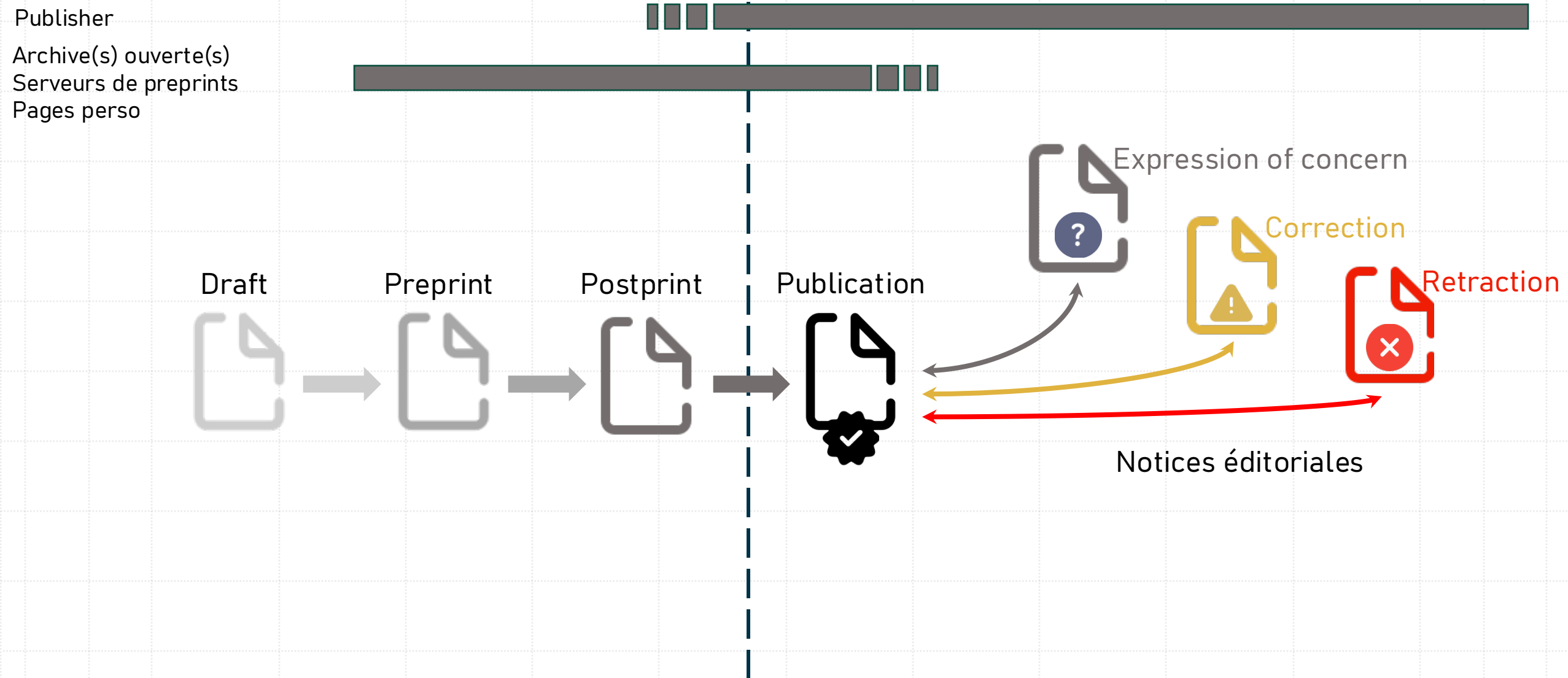
Archive(s) ouverte(s)

Serveurs de preprints

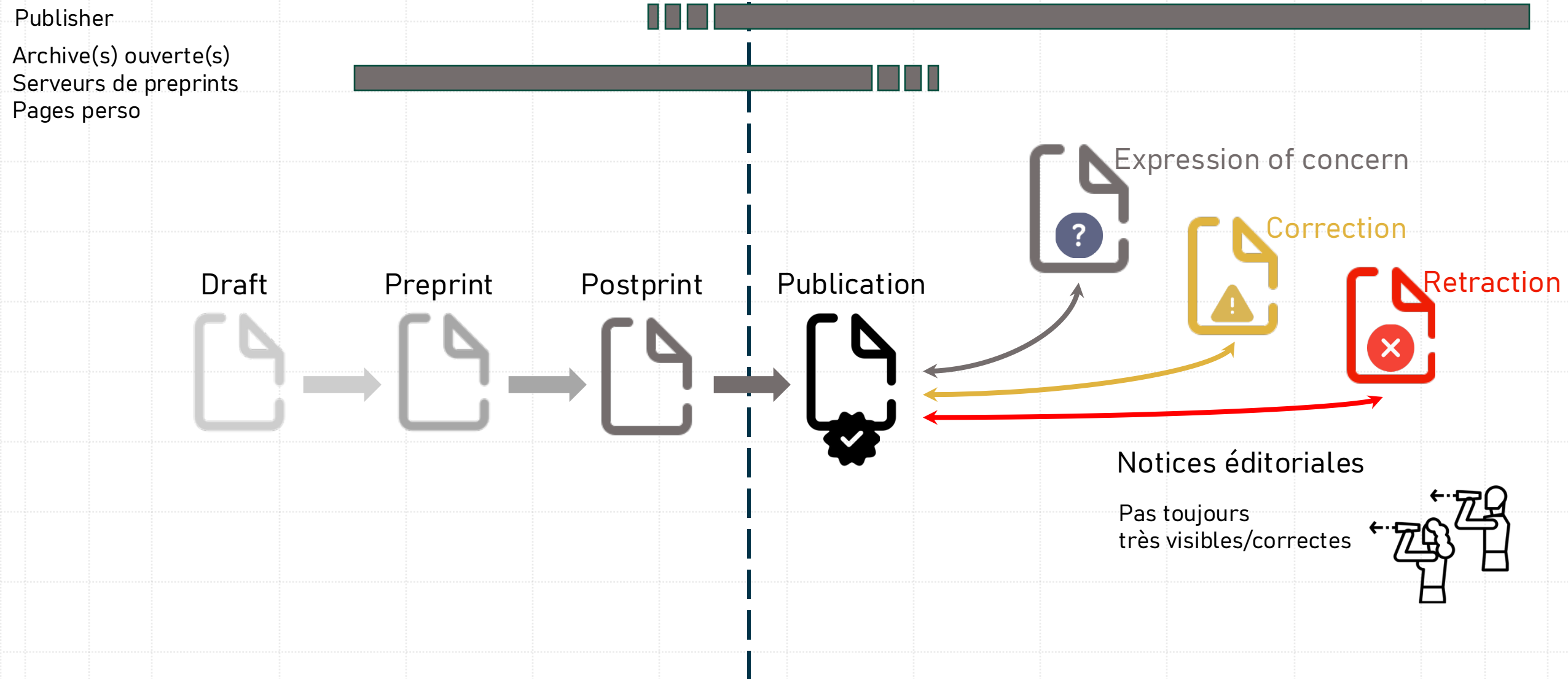
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Maintenir l'intégrité du *record*



Maintenir l'intégrité du *record*



Exemple de signalement

Journal of the American Chemical Society > Vol 125/Issue 35 > Article

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ADDITION/CORRECTION. This article has been corrected. View the notice.

ARTICLE | August 9, 2003

Diversity Synthesis via C–H Bond Functionalization: Concept-Guided Development of New C-Arylation Methods for Imidazoles

Bengü Sezen, and Dalibor Sames

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Open PDF

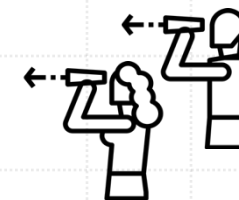
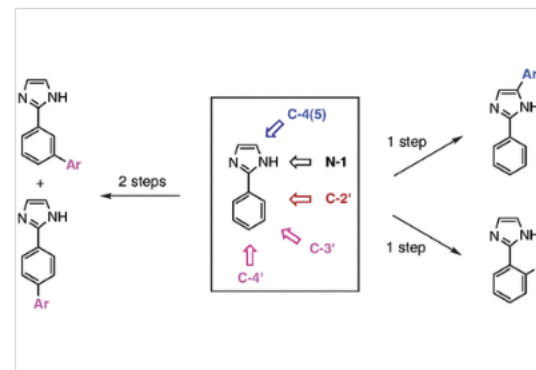
Supporting Information (1)

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Abstract

Herein, we have formulated the concept of systematic derivatization of a structural motif via C–H bond functionalization. This concept may not only serve as a blueprint for new strategies in diversity synthesis but also provide systematic guidance for the identification of unsolved and important synthetic challenges. To illustrate this point, 2-phenylimidazole was selected as the core motif for this study, a choice inspired by numerousazole-based synthetics, including pharmaceuticals (compound SB 202190), and also fluorescent and chemiluminescent probes. We were able to show that systematic and comprehensive arylation of the 2-phenylimidazole core was feasible, and in the context of this study new arylation methods were developed. The direct 4-arylation of free 2-phenylimidazole was achieved with iodoarenes as the aryl donors in the presence of palladium catalyst (Pd/Ph₃P) and magnesium oxide as the base. A complete switch from C-4 to C-2' arylation was accomplished using a ruthenium catalyst [CpRu(Ph₃P)₂Cl] and Cs₂CO₃. The



Exemple de signalement

Journal of the American Chemical Society > Vol 128/Issue 25 > Article

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① ORIGINAL ARTICLE. This notice is a correction. C'R

ADDITION/CORRECTION | June 21, 2006

Diversity Synthesis via C–H Bond Functionalization: Concept-Guided Development of New C-Arylation Methods for Imidazoles [*J. Am. Chem. Soc.* 2003, 125, 10580–10585].

Bengü Sezen, and Dalibor Sames

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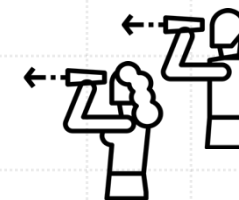
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* In papers with more than one author, the asterisk indicates the name of the author to whom inquiries about the paper should be addressed.

After the departure of the first author and during a thorough re-examination of this publication, the laboratory of the corresponding author (D. Sames) has been unable to reproduce some of the key results. Specifically, the magnesium oxide method gave no arylation products (Scheme 1 and Scheme 4). The C-2' arylation procedures described in this publication (Scheme 2) did furnish the desired products, but with lower efficiency than originally claimed. Namely, 2-phenyl imidazole **1**, under the action of CpRu(Ph₃P)₂Cl catalyst and Cs₂CO₃ base, gave product **2** in 23% isolated yield (see scheme below; 84% yield was reported in the original publication). C-2' phenylation of 1,2-diphenylimidazole (Scheme 5), catalyzed by Rh(acac)(CO)₂, provided <10% of the desired product (GC yield; 81% yield was originally reported). Accordingly, the corresponding author withdraws this paper, and deeply regrets that the chemical community was misled by this publication.

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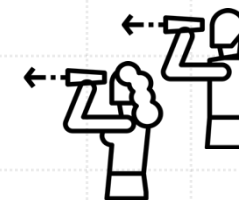
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Exemple de signalement

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Bengü Sezen, and Dalibor Sames

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Cite this: *J. Am. Chem. Soc.* 2003, 125, 35, 10580–10585

<https://doi.org/10.1021/ja036157j>

101 1 27 0 1

C.R. C.R.

This article has been retracted and there is a comment on PubPeer (by: Peer 1)

Published August 9, 2003

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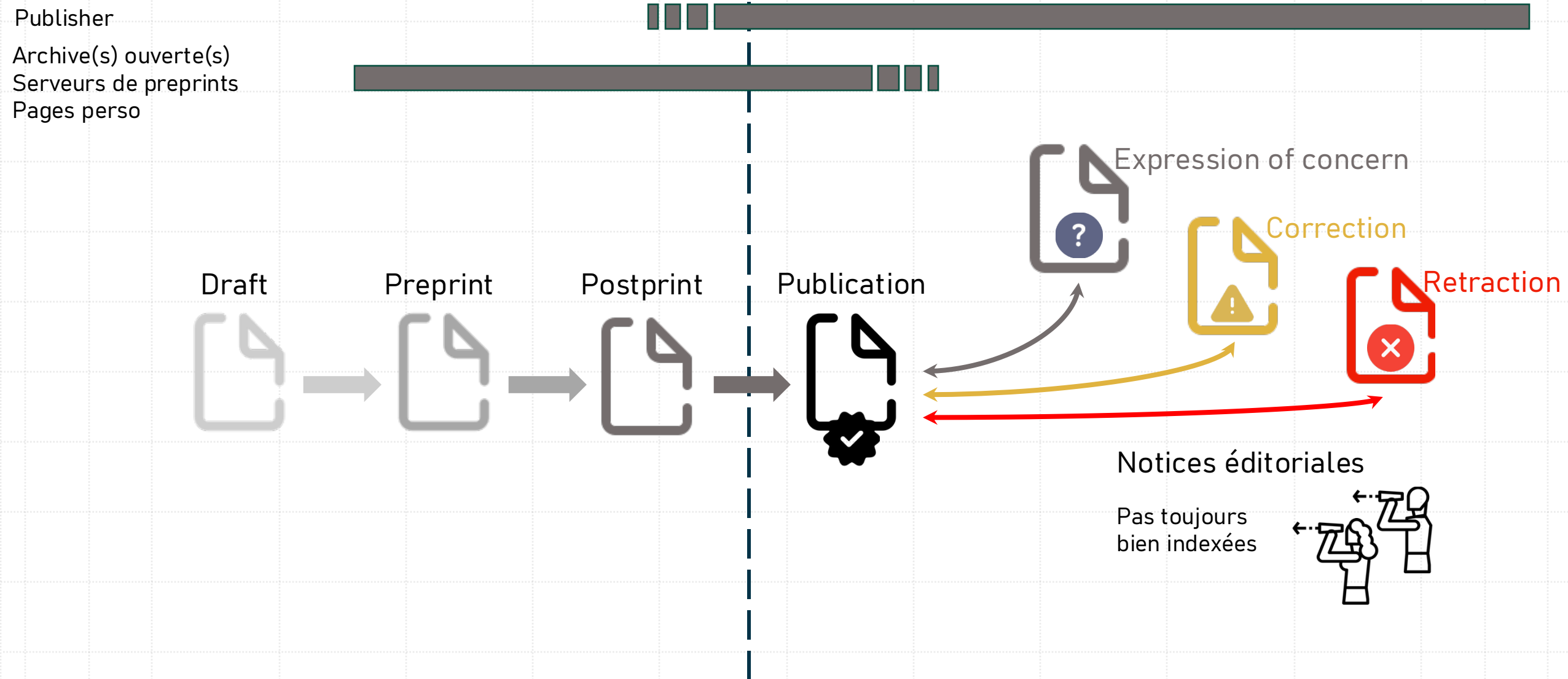
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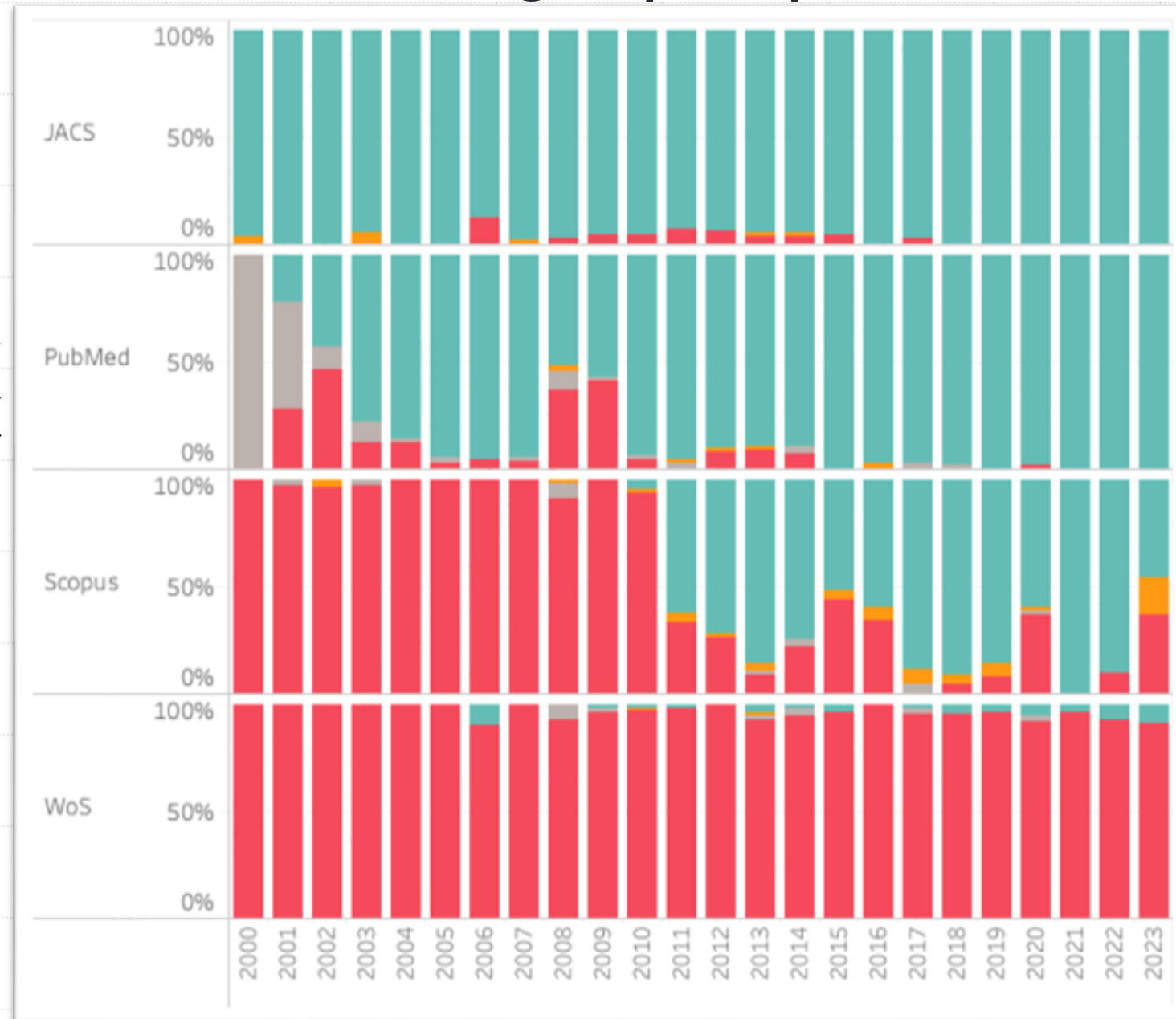
Abstract

Maintenir l'intégrité du *record*



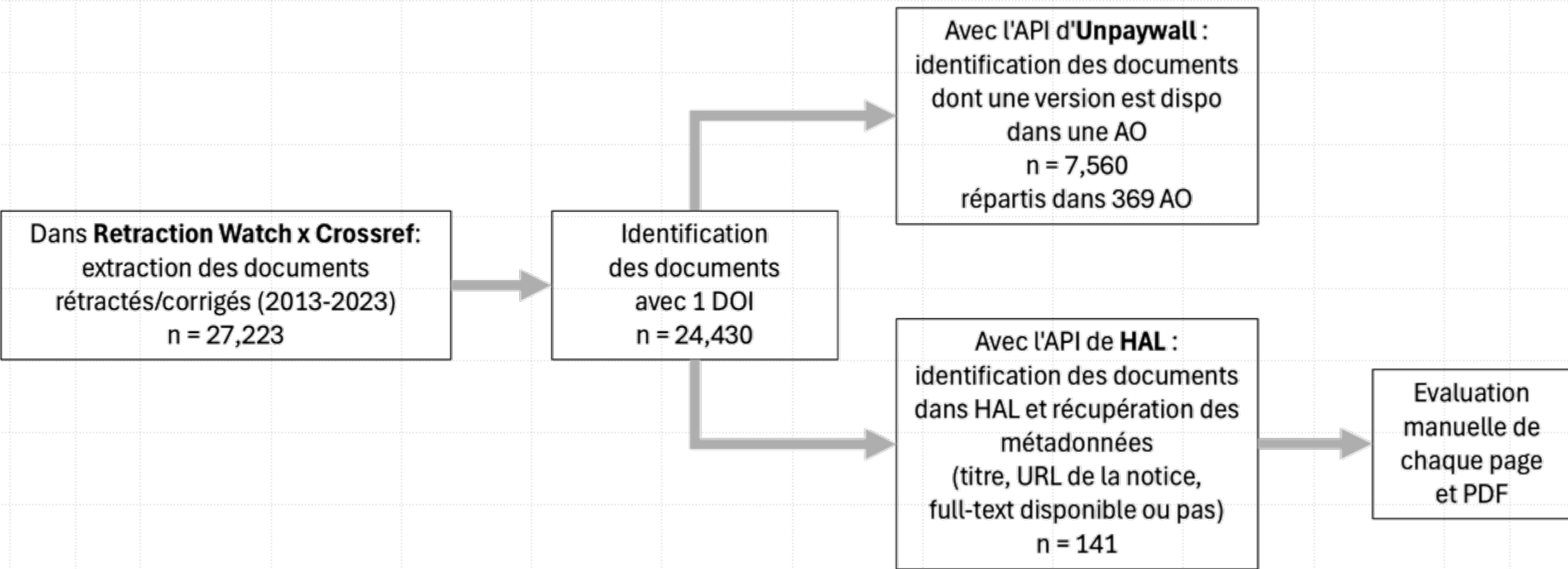
Signalement dans les bases bibliographiques

% de publications corrigées/rétractées du JACS
correctement (ou non) présentées
dans PubMed, Scopus & WoS





Et dans HAL ?



Extraction réalisée le 9 octobre 2023



Dans HAL

Signalement de la correction	#	%
Pas de signalement	128	91%
Signalement dans le titre	11	8%
Signalement ailleurs	2	1%
Total	141	100%

Type de correction	Signalement	#	%
Rétractation	Pas de signalement	74	85%
	Signalement dans le titre	11	13%
	Signalement ailleurs	2	2%
	Sous-total	87	100%
Autre type de correction	Pas de signalement	62	98%
	Signalement dans le titre	1	2%
	Signalement ailleurs	0	0%
	Sous-total	63	100%
Total		141	100%

Pas de forme standardisée

[Retracted by the journal] α -modules and generalized submodules

Rafiquddin Rafiquddin (1) , Ayazul Hasan , Mohammad Fareed Ahmad

Mystery Case: CSF-1R mutation is a cause of intracranial cerebral calcifications, cysts, and leukoencephalopathy: [RETRACTED]

Xavier Ayrignac , Kevin Mouzat , Eloi Magnin (1) , Eric Berger , Clarisse Carra-Dalli re , Serge Lumbroso , Pierre Labauge

RETRACTED: Development and Implementation of the Advanced Practice Nurse Worldwide With an Interest in Geriatric Care

Bertrand Foug re (1, 2) , John Morley , Fr d rique Decavel , Fati Nourhash mi (1) , Patricia Abele , Barbara Resnick , Marilyn Rantz , Claudia Kam Yuk Lai , Wendy Moyle (3) , Maryse P dra , Bruno Chicoul a , Emile Escourrou , St phane Oustric (4) , Bruno Vellas (5)

[Retracted] 3'RR and 5'E immunoglobulin heavy chain enhancers are independent engines of locus remodeling

Alexis Saintamand (1, 2) , Yves Denizot (1) , Nour Ghazzaoui (1) , Hussein Issaoui (1) , Fran ois Boyer (1) , Oph lie Alyssa Martin (1)



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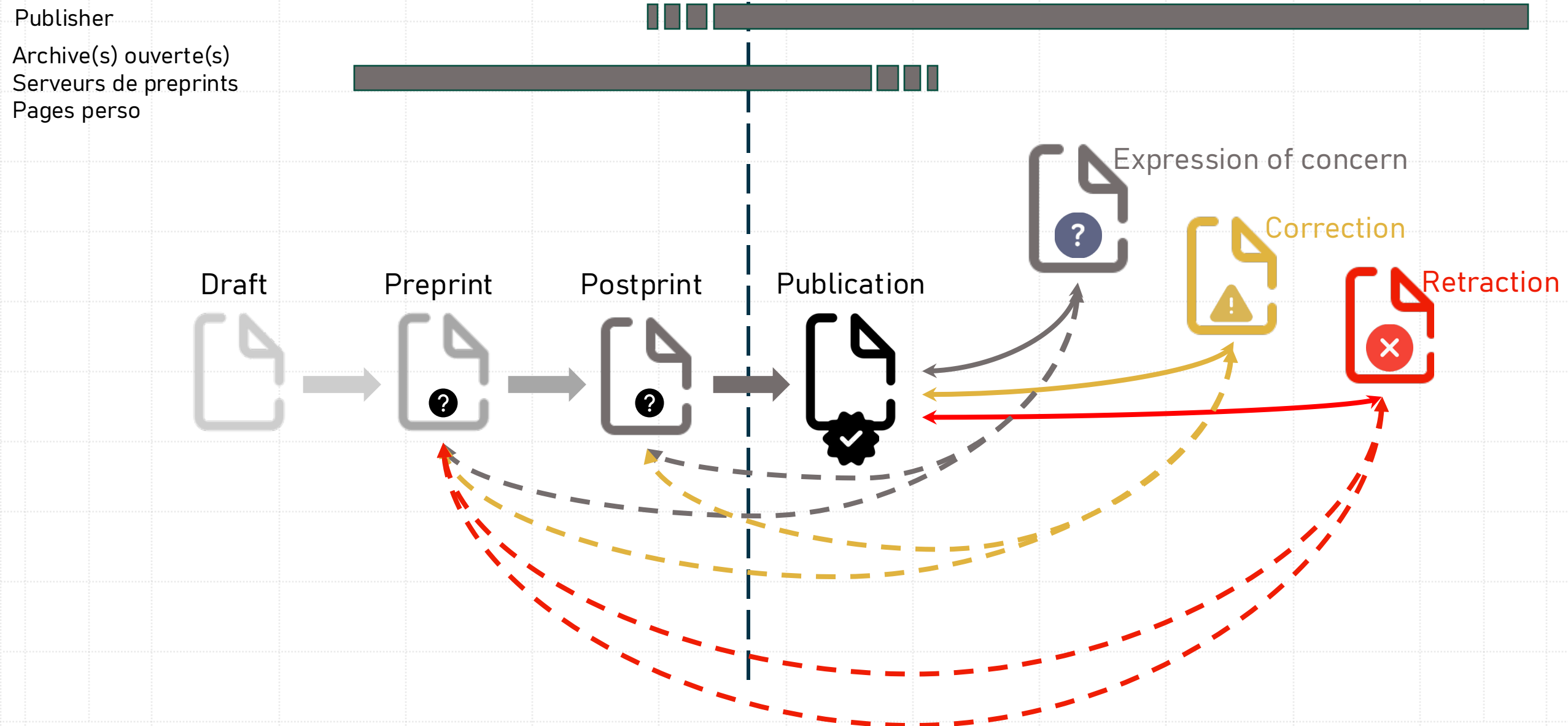
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A decorative geometric pattern consisting of a series of overlapping triangles in shades of blue, teal, and orange, located on the left side of the slide.

Mais pour autant,
une mention est-elle toujours nécessaire ?

Laquelle ?

Maintenir l'intégrité du *record*



A decorative vertical bar on the left side of the slide, composed of a series of overlapping triangles in shades of blue, teal, and orange.

Et dans d'autres A0 ?

Exemple de signalement dans une A0

The image shows a screenshot of the KU Leuven IRIAS search interface. The search bar contains the text "energy efficient access mimo". Below the search bar, there are three search results listed. The first result is a journal article titled "Efficient DSP and Circuit Architectures for Massive MIMO: State of the Art and Future Directions" by Van der Perre, Liesbet; Liu, Liang; Larsson, Erik G. The second result is a journal article titled "Energy Efficient Access Point Placement for Distributed Massive MIMO" by Zhu, Yi-Hang; Callebaut, Gilles; Çalik, Hacıoğlu; Van der Perre, Liesbet; Rottenberg, François. The third result is a PhD thesis titled "Advances in Single and Multi-Antenna Technologies for Energy-Efficient IoT: Onderzoek naar Enkel- en Meervoudige Antennetechnologieën voor Energie-efficiënte IoT" by Callebaut, Gilles; Van der Perre, Liesbet (Supervisor); De Strycker, Lieven (Co-supervisor). A detailed view of the second result is shown on the right, displaying the full text availability and a list of authors with their ORCID iDs.

KU LEUVEN

.IRIAS

energy efficient access mimo

0 selected 1-8 of 8 Results Personalize

1 JOURNAL ARTICLE
Efficient DSP and Circuit Architectures for Massive MIMO: State of the Art and Future Directions
Van der Perre, Liesbet; Liu, Liang; Larsson, Erik G
IEEE Transactions On Signal Processing; 2018; Vol. 66; Iss. 18; pp. 4717 - 4736
OPEN ACCESS
[Check availability >](#)

2 JOURNAL ARTICLE
Energy Efficient Access Point Placement for Distributed Massive MIMO
Zhu, Yi-Hang; Callebaut, Gilles; Çalik, Hacıoğlu; Van der Perre, Liesbet; Rottenberg, François
Network; 2022; Vol. 2; Iss. 2; pp. 288 - 310
PUBLICATION WITH CORRIGENDUM **OPEN ACCESS**
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3 PHD THESIS (IRIAS)
Advances in Single and Multi-Antenna Technologies for Energy-Efficient IoT: Onderzoek naar Enkel- en Meervoudige Antennetechnologieën voor Energie-efficiënte IoT
Callebaut, Gilles; Van der Perre, Liesbet (Supervisor); De Strycker, Lieven (Co-supervisor)
2021-11-23
[Check availability >](#)

JOURNAL ARTICLE
Energy Efficient Access Point Placement for Distributed Massive MIMO
Zhu, Yi-Hang; Callebaut, Gilles; Çalik, Hacıoğlu; Van der Perre, Liesbet; Rottenberg, François
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Details

Title	Energy Efficient Access Point Placement for Distributed Massive MIMO
Author	Zhu, Yi-Hang > Callebaut, Gilles > ↳ [KU Leuven ID] [ORCID] [ResearcherID] Çalik, Hacıoğlu > ↳ [KU Leuven ID] [ORCID] [ResearcherID] Van der Perre, Liesbet > ↳ [KU Leuven ID] [ORCID] Rottenberg, François > ↳ [KU Leven ID] [ORCID] [ResearcherID]
Is Part Of	Network; 2022; Vol. 2; Iss. 2; pp. 288 - 310
Lirias Type	Journal article



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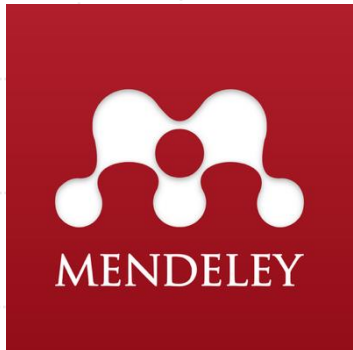


SCISPACE



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Une initiative à signaler



[Home](#) » [What We Do](#) » [Strategic Areas](#) » [Standards & Technology](#) » Content-update Signaling & Alerting Protocol

Content-update Signaling and Alerting Protocol (CUSAP)

The CUSAP project seeks to enhance the transparency and integrity of scholarly records through a protocol and unified service. This initiative will notify scholarly content platforms — such as aggregators, repositories, personal storage services, citation managers, and publishing systems — about updates or amendments to published works, including errata, name changes, corrections, retractions, updated versions, or expressions of concern.



<https://stm-assoc.org/what-we-do/strategic-areas/standards-technology/cusap/>



Concrètement ? Participer à la maintenance du record

Les AO n'ont pas à prendre en charge les manquements ou les erreurs, elles doivent prendre en charge **le signalement des corrections/rétractations**, qu'il s'agisse de manquements ou d'erreurs honnêtes.

Procédures à définir

- » Mise à jour des métadonnées, automatique ?
- » Retrait du fichier ? Quelle version ?
- » Propagation aux objets liés
- » Thèses et autres objets "non publiés" ?
- » Marquage visible
- » Lien vers les notices éditoriales
- » Dépôt des notices éditoriales ?
- » Source de l'information de correction
- » Soutien des référents IS ?

(Décret n°2021-1572 du 3 décembre 2021 : Veiller à ce que les données et publications affectées par le manquement aux exigences de l'intégrité scientifique soient signalées aux parties concernées)

...

Références

Dougherty, M. V. (2019). ***Correcting the scholarly record for research integrity***. *Monash Bioethics Review*, 37(1–2), 76–78. [10.1007/s40592-019-00093-x](https://doi.org/10.1007/s40592-019-00093-x).

Bordignon, F. (2025). ***Moving Open Repositories out of the Blind Spot of Initiatives to Correct the Scholarly Record***, *Learned Publishing*, 38/2: e1655. DOI: [10.1002/leap.1655](https://doi.org/10.1002/leap.1655)

Bordignon, F. (2023): ***Error correction as part of research integrity practice: insights from a survey among chemical researchers***. ENRIO 2023 Congress on Research Integrity Practice, Paris. 7 Sept 2023.

Bordignon, F. (2023). ***What does it mean to correct the scientific record? A case study of the JACS (2000–2023)***. 27th International Conference on Science, Technology and Innovation Indicators (STI 2023). 27–29 oct 2023. [10.55835/643e9f61c0a5d2717e40e59c](https://doi.org/10.55835/643e9f61c0a5d2717e40e59c).

Financement

The NanoBubbles project has received Synergy grant funding from the European Research Council (ERC), within the European Union's Horizon 2020 program, grant agreement no. 951393.

<https://doi.org/10.3030/951393>



Questions ?

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