

Publications OLBIN

AG JMMC 2022 - Observatoire de Paris

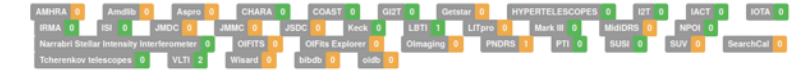
Alain Chelli, Isabelle Tallon-Bosc, Guillaume Mella

Bilan activités 2021

- Développement d'outils (Guillaume):
 - Suggestions, corrections, visualisations
- Gros travail de saisie (Alain) :
 - « Base de données à jour »
- Des réunions bimestrielles
 - Isabelle, Alain & Guillaume

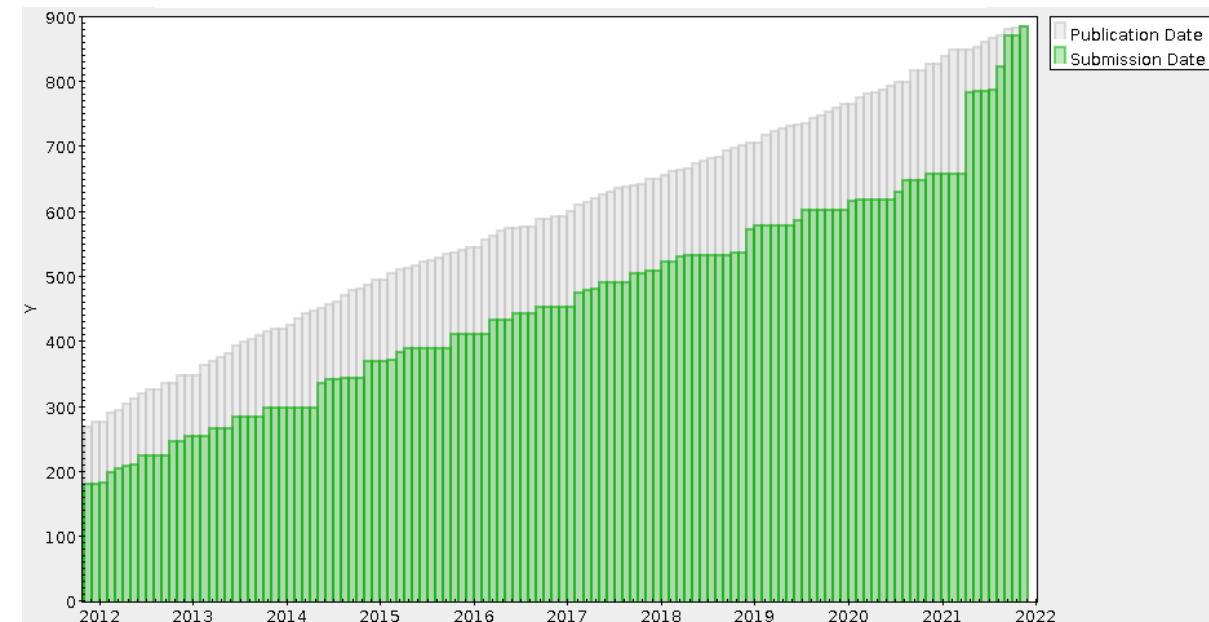
Search missing candidates in ADS for multiples categories and provides a unified list.

(OLBIN, black-list and non-interfero papers are removed)



4/4 publications to filter and review ([View this list on ADS](#))

1. [Resolving Io's Volcanoes from a Mutual Event Observation at the Large Binocular Telescope](#)
de Kleer, Katherine, Skrutskie, Michael, Leisenring, Jarron et al.
2021 - *The Planetary Science Journal*, Volume 2, Issue 6, id.227, 11 pp.
[Add article to OLBIN](#) LBTI
2. [First Doppler Limits on Binary Planets and Exomoons in the HR 8799 System](#)
Vanderburg, Andrew, Rodriguez, Joseph E.
2021 - *The Astrophysical Journal Letters*, Volume 922, Issue 1, id.L2, 6 pp.
[Add article to OLBIN](#) VLT
3. [The IGRINS YSO Survey II: Veiling Spectra of Pre-main-sequence Stars in Taurus-Auriga](#)
Kidder, Benjamin, Mace, Gregory, López-Valdivia, Ricardo et al.
2021 - *The Astrophysical Journal*, Volume 922, Issue 1, id.27, 16 pp.
[Add article to OLBIN](#) VLT
4. [The GRAVITY young stellar object survey. VII. The inner dusty disks of T Tauri stars](#)
Gravity Collaboration, Perraut, K., Labadie, L. et al.
2021 - *Astronomy & Astrophysics*, Volume 655, id.A73, 20 pp.
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Démo

Visite site utilisateurs:

- nouvelle URL:

<https://publications.olbin.org>

- nouveaux liens :
 - plots interactifs, notebooks, ADS
 - liens ADS par « tag »

Database of Publications in Stellar Interferometry.

The OLBIN interactive interferometry publication database includes all refereed papers related to optical long baseline interferometry referenced in ADS and aims at being as complete as possible. If you notice that a paper is missing please send the ADS bibcode to the webmaster and any other useful information.

Basic information from ADS (title, list of authors, year of publication) is enriched by tags such as the category of the publication (Astrophysical results, Catalogs, Instrumentation, Review papers, Theory and predictions, Related papers), the name of the interferometer facility, the name of the instrument, the type of object observed, etc. Just click on the "Tag Search" button for the complete list of tags.

Export

- All the database contents can be downloaded as one excel file.
- If you are interested to be aware of the new publications entered into the database:
 - subscribe to the [RSS feed](#)
 - or if you have an ADS account, visit [OLBIN library](#) and Create an email notification

The access to the database can be done either by years or by tag search using the tool bar below. For more options click on the "Tag Search" button. Click on a tag name to get sublists into ADS for associated tags. OLBIN refereed papers get its own ADS library. If you get an ADS account you can subscribe to some lists and be notified on future updates.

Quick index for papers: Pre-2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

Publication Author or Keyword Search:

Plots

In addition to following plots, you can get [csv](#) for your own. External tools also provide some graphics for visualizing the distribution of the publications over different criteria:



Series of automatic displays that illustrate the current content of the database.



La suite... demain !

- Annonce nouveau site prochainement sur le forum OLBIN
- Inclusion d'une section « méthodologie dynamique »
 - exposer les cas ambigus/subjectifs et expliciter les choix

En pratique pour 2022

- Valider la solution développée
- Optimiser certains traitements
- Faire la publicité pour des usages spécifiques/internes
 - ex : listes par instrument ou par observatoire (CHARA intéressé)

Possible en 2023+

- Encadrement d'un stage pour une refonte et unification des outils
 - permettrait une réutilisation par d'autres services d'observations A&A
- Recherche par étoile « Cone Search », ex :
 - quelles publications concernent HD3456 ?
 - quelles étoiles sont associées aux papiers taggués « Debris disks » ?
- Inclusion des papiers SPIE (en version limitée) ?