

# Bibliography

**Julien H. Girard**

**Summary** (compiled on October 25<sup>th</sup> 2019)

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- 4224 citations** for a total of **229 references** in the **Astrophysics Data System** (ADS)  
**152** Combined accepted/published **Refereed** (**112**) & **SPIE Instrumentation** (**40**) papers  
**44** **Lead Author** papers (among top 5 authors) and **7 First Author** ones (1 submitted)  
**36** Hirsch **h-index** (i.e. 36 publications with  $\geq 36$  citations)
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[ORCID](#) bibliography

## Refereed articles

112. *The polarimetric imaging mode of VLT/SPHERE/IRDIS II: Characterization and correction of instrumental polarization effects.*  
van Holstein, **Girard**, de Boer, Snik, Milli, Stam, Ginski, Mouillet, Wahhaj, Schmid, Keller, Langlois, Dohlen, Vigan, Pohl, Carbillot, Fantinel, Maurel, Origné, Petit, Ramos, Rigal, Sevin, Boccaletti, Le Coroller, Dominik, Henning, Lagadec, Ménard, Turatto, Udry, Chauvin, Feldt, and Beuzit.  
arXiv e-prints, arXiv:1909.13108, **2019**.
111. *The polarimetric imaging mode of VLT/SPHERE/IRDIS I: Description, data reduction and observing strategy.*  
de Boer, Langlois, van Holstein, **Girard**, Mouillet, Vigan, Dohlen, Snik, Keller, Ginski, Stam, Milli, Wahhaj, Kasper, Schmid, Rabou, Gluck, Hugot, Perret, Martinez, Weber, Pragt, Sauvage, Boccaletti, Le Coroller, Dominik, Henning, Lagadec, Ménard, Turatto, Udry, Chauvin, Feldt, and Beuzit.  
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108. *Separating extended disc features from the protoplanet in PDS 70 using VLT/SINFONI.*  
Christiaens, Casassus, Absil, Cantalloube, Gomez Gonzalez, **Girard**, Ramírez, Pairet, Salinas, Price, Pinte, Quanz, Jordán, Mawet, and Wahhaj.  
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Astronomy and Astrophysics, 628, A101, **2019**.
106. *ISPY - NaCo Imaging Survey for Planets around Young stars. Discovery of an M dwarf in the gap between HD 193571 and its debris ring.*  
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Astronomy and Astrophysics, 627, A77, **2019**.
105. *Kernel phase imaging with VLT/NACO: high-contrast detection of new candidate low-mass stellar companions at the diffraction limit.*  
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104. *Two accreting protoplanets around the young star PDS 70.*  
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103. *Constraining the properties of HD 206893 B. A combination of radial velocity, direct imaging, and astrometry data.*  
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102. *Evidence for a Circumplanetary Disk around Protoplanet PDS 70 b.*  
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## Notes

1. Articles in preparation, even in an advanced stage are not mentioned in this document.
2. It is common for instrumentation related work to be published in SPIE proceedings. These papers often reflect final references without related refereed articles in A-ranked journals.
3. The experimental research and instrumental developments I carried out during my Phd and my young researcher's career (1999- 2008) represent a considerable amount of work that was unfortunately not publication material. Building innovative experiments from scratch with limited manpower is interesting but time consuming and not always followed by acceptable, rewarding results. It helped me develop many different skills: basic optical design/alignment, procurement, electronics trouble shooting, data processing, physical interpretation of results and parameters, etc. At the upstream of big international consortia that build bigger, more robust instruments, this type of experimental work can provide great inputs in the long run.