

Pascale Hibon

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,259
citations

159585

30
h-index

161849

54
g-index

61
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61
docs citations

61
times ranked

2310
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baade's Window. <i>Astronomical Journal</i> , 2020, 159, 244. | 4.7 | 1 |
| 2 | The Gemini Planet Imager View of the HD 32297 Debris Disk. <i>Astronomical Journal</i> , 2020, 159, 251. | 4.7 | 19 |
| 3 | Imaging the 44 au Kuiper Belt Analog Debris Ring around HD 141569A with GPI Polarimetry. <i>Astronomical Journal</i> , 2020, 159, 53. | 4.7 | 8 |
| 4 | The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet $\hat{1}^2$ Pictoris b from Combined Direct Imaging and Astrometry. <i>Astronomical Journal</i> , 2020, 159, 71. | 4.7 | 29 |
| 5 | An Updated Visual Orbit of the Directly Imaged Exoplanet 51 Eridani b and Prospects for a Dynamical Mass Measurement with Gaia. <i>Astronomical Journal</i> , 2020, 159, 1. | 4.7 | 16 |
| 6 | Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. <i>Astronomical Journal</i> , 2020, 160, 24. | 4.7 | 64 |
| 7 | Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1. | 1.8 | 15 |
| 8 | First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 159, 31. | 4.7 | 12 |
| 9 | Multiband Polarimetric Imaging of HR 4796A with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 160, 79. | 4.7 | 22 |
| 10 | A Catalog of Emission-line Galaxies from the Faint Infrared Grism Survey: Studying Environmental Influence on Star Formation. <i>Astrophysical Journal</i> , 2020, 888, 79. | 4.5 | 7 |
| 11 | A Comprehensive Study of H α Emitters at $z \sim 0.62$ in the DAWN Survey: The Need for Deep and Wide Regions. <i>Astrophysical Journal</i> , 2020, 892, 30. | 4.5 | 3 |
| 12 | Multiband GPI Imaging of the HR 4796A Debris Disk. <i>Astrophysical Journal</i> , 2020, 898, 55. | 4.5 | 29 |
| 13 | Performance of the Gemini Planet Imager Non-redundant Mask and Spectroscopy of Two Close-separation Binaries: HR 2690 and HD 142527. <i>Astronomical Journal</i> , 2019, 157, 249. | 4.7 | 3 |
| 14 | An Exo-Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019, 882, 64. | 4.5 | 34 |
| 15 | The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. <i>Astronomical Journal</i> , 2019, 158, 13. | 4.7 | 270 |
| 16 | Emission-line Metallicities from the Faint Infrared Grism Survey and VLT/MUSE. <i>Astrophysical Journal</i> , 2019, 874, 125. | 4.5 | 5 |
| 17 | Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019, 158, 226. | 4.7 | 5 |
| 18 | Asymmetries in adaptive optics point spread functions. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1. | 1.8 | 6 |

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|----|--|-----|-----------|
| 19 | GPI Spectra of HR 8799 c, d, and e from 1.5 to 2.4 $\hat{1}$ / ₄ m with KLIP Forward Modeling. <i>Astronomical Journal</i> , 2018, 155, 226. | 4.7 | 50 |
| 20 | Dynamical Constraints on the HR 8799 Planets with GPI. <i>Astronomical Journal</i> , 2018, 156, 192. | 4.7 | 95 |
| 21 | H $\hat{1}$ ± Emitting Galaxies at z \hat{A} ~ $\hat{1}$ / ₄ 0.6 in the Deep And Wide Narrow-band Survey. <i>Astrophysical Journal</i> , 2018, 858, 96. | 4.5 | 10 |
| 22 | Spectrophotometric Redshifts in the Faint Infrared Grism Survey: Finding Overdensities of Faint Galaxies. <i>Astrophysical Journal</i> , 2018, 856, 116. | 4.5 | 5 |
| 23 | Direct Imaging of the HD 35841 Debris Disk: A Polarized Dust Ring from Gemini Planet Imager and an Outer Halo from HST/STIS. <i>Astronomical Journal</i> , 2018, 156, 47. | 4.7 | 28 |
| 24 | First Scattered-light Images of the Gas-rich Debris Disk around 49 Ceti. <i>Astrophysical Journal Letters</i> , 2017, 834, L12. | 8.3 | 36 |
| 25 | Integral Field Spectroscopy of the Low-mass Companion HD 984 B with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 190. | 4.7 | 15 |
| 26 | Characterizing 51 Eri b from 1 to 5 \hat{A} ~ $\hat{1}$ / ₄ m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10. | 4.7 | 110 |
| 27 | An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. <i>Astronomical Journal</i> , 2017, 153, 244. | 4.7 | 81 |
| 28 | Improving and Assessing Planet Sensitivity of the GPI Exoplanet Survey with a Forward Model Matched Filter. <i>Astrophysical Journal</i> , 2017, 842, 14. | 4.5 | 96 |
| 29 | 1 \hat{A} ~2.4 $\hat{1}$ / ₄ m Near-IR Spectrum of the Giant Planet $\hat{1}$ / ₂ Pictoris b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 182. | 4.7 | 92 |
| 30 | Evidence That the Directly Imaged Planet HD 131399 Ab Is a Background Star. <i>Astronomical Journal</i> , 2017, 154, 218. | 4.7 | 52 |
| 31 | Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. <i>Astronomical Journal</i> , 2017, 153, 264. | 4.7 | 99 |
| 32 | FIGS \hat{A} ~Faint Infrared Grism Survey: Description and Data Reduction. <i>Astrophysical Journal</i> , 2017, 846, 84. | 4.5 | 37 |
| 33 | Minor Contribution of Quasars to Ionizing Photon Budget at z \hat{A} ~ $\hat{1}$ / ₄ 6: Update on Quasar Luminosity Function at the Faint End with Subaru/Suprime-Cam. <i>Astrophysical Journal Letters</i> , 2017, 847, L15. | 8.3 | 57 |
| 34 | CONSTRAINTS ON THE ARCHITECTURE OF THE HD 95086 PLANETARY SYSTEM WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2016, 822, L29. | 8.3 | 55 |
| 35 | SPECTROSCOPIC CHARACTERIZATION OF HD 95086 b WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal</i> , 2016, 824, 121. | 4.5 | 78 |
| 36 | DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. <i>Astrophysical Journal Letters</i> , 2016, 829, L4. | 8.3 | 60 |

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|----|--|-----|-----------|
| 37 | THE ORBIT AND TRANSIT PROSPECTS FOR $\hat{\rho}^2$ PICTORIS b CONSTRAINED WITH ONE MILLIARCSECOND ASTROMETRY. <i>Astronomical Journal</i> , 2016, 152, 97. | 4.7 | 95 |
| 38 | IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128. | 4.7 | 19 |
| 39 | DYNAMICAL MASS MEASUREMENT OF THE YOUNG SPECTROSCOPIC BINARY V343 NORMAE AaAb RESOLVED WITH THE GEMINI PLANET IMAGER. <i>Astronomical Journal</i> , 2016, 152, 175. | 4.7 | 28 |
| 40 | THE PDS 66 CIRCUMSTELLAR DISK AS SEEN IN POLARIZED LIGHT WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2016, 818, L15. | 8.3 | 22 |
| 41 | Performance of the Gemini Planet Imager's adaptive optics system. <i>Applied Optics</i> , 2016, 55, 323. | 2.1 | 46 |
| 42 | THE PECULIAR DEBRIS DISK OF HD 111520 AS RESOLVED BY THE GEMINI PLANET IMAGER. <i>Astrophysical Journal</i> , 2016, 826, 147. | 4.5 | 27 |
| 43 | GEMINI PLANET IMAGER OBSERVATIONS OF THE AU MICROSCOPII DEBRIS DISK: ASYMMETRIES WITHIN ONE ARCSECOND. <i>Astrophysical Journal Letters</i> , 2015, 811, L19. | 8.3 | 41 |
| 44 | $\hat{\rho}^2$ PICTORIS' INNER DISK IN POLARIZED LIGHT AND NEW ORBITAL PARAMETERS FOR $\hat{\rho}^2$ PICTORIS b. <i>Astrophysical Journal</i> , 2015, 811, 18. | 4.5 | 108 |
| 45 | FIRST SCATTERED-LIGHT IMAGE OF THE DEBRIS DISK AROUND HD 131835 WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2015, 815, L14. | 8.3 | 54 |
| 46 | THE SUBARU HIGH- z QUASAR SURVEY: DISCOVERY OF FAINT $z \approx 6$ QUASARS. <i>Astrophysical Journal</i> , 2015, 798, 28. | 4.5 | 100 |
| 47 | POLARIMETRY WITH THE GEMINI PLANET IMAGER: METHODS, PERFORMANCE AT FIRST LIGHT, AND THE CIRCUMSTELLAR RING AROUND HR 4796A. <i>Astrophysical Journal</i> , 2015, 799, 182. | 4.5 | 139 |
| 48 | THE FIRST H -BAND SPECTRUM OF THE GIANT PLANET $\hat{\rho}^2$ PICTORIS b. <i>Astrophysical Journal Letters</i> , 2015, 798, L3. | 8.3 | 61 |
| 49 | DIRECT IMAGING OF AN ASYMMETRIC DEBRIS DISK IN THE HD 106906 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 814, 32. | 4.5 | 79 |
| 50 | ASTROMETRIC CONFIRMATION AND PRELIMINARY ORBITAL PARAMETERS OF THE YOUNG EXOPLANET 51 ERIDANI b WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2015, 814, L3. | 8.3 | 77 |
| 51 | The Gemini planet imager: first light and commissioning. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 14 |
| 52 | On-sky performance during verification and commissioning of the Gemini Planet Imager's adaptive optics system. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 14 |
| 53 | First light of the Gemini Planet Imager. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12661-12666. | 7.1 | 472 |
| 54 | Gemini planet imager observational calibrations IV: wavelength calibration and flexure correction for the integral field spectrograph. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 24 |

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|----|--|-----|-----------|
| 55 | GEMINI PLANET IMAGER SPECTROSCOPY OF THE HR 8799 PLANETS c AND d. Astrophysical Journal Letters, 2014, 794, L15. | 8.3 | 80 |
| 56 | Gemini planet imager observational calibrations VIII: characterization and role of satellite spots. Proceedings of SPIE, 2014, , . | 0.8 | 48 |
| 57 | The integral field spectrograph for the Gemini planet imager. Proceedings of SPIE, 2014, , . | 0.8 | 17 |
| 58 | Gemini planet imager observational calibrations X: non-redundant masking on GPI. Proceedings of SPIE, 2014, , . | 0.8 | 4 |
| 59 | Gemini Planet Imager observational calibrations I: Overview of the GPI data reduction pipeline. Proceedings of SPIE, 2014, , . | 0.8 | 70 |
| 60 | Gemini planet imager observational calibrations VII: on-sky polarimetric performance of the Gemini planet imager. Proceedings of SPIE, 2014, , . | 0.8 | 13 |
| 61 | Automated alignment and on-sky performance of the Gemini planet imager coronagraph. Proceedings of SPIE, 2014, , . | 0.8 | 3 |