

Sandrine Thomas

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,892
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g-index

42
ext. papers

2,298
ext. citations

5
avg, IF

3.03
L-index

#	Paper	IF	Citations
42	First light of the Gemini Planet imager. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12661-6	11.5	374
41	The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. <i>Astronomical Journal</i> , 2019 , 158, 13	4.9	151
40	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	4.7	110
39	DISK STRUCTURE OF THE GEMINI PLANET IMAGER TARGET HD 106906 b. <i>Astrophysical Journal</i> , 2015 , 811, 18	4.7	89
38	Characterizing 51 Eri b from 1 to 5 au: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017 , 154, 10	4.9	84
37	THE ORBIT AND TRANSIT PROSPECTS FOR HD 106906 b CONSTRAINED WITH ONE MILLIARCSECOND ASTROMETRY. <i>Astronomical Journal</i> , 2016 , 152, 97	4.9	76
36	GEMINI PLANET IMAGER SPECTROSCOPY OF THE HR 8799 PLANETS c AND d. <i>Astrophysical Journal Letters</i> , 2014 , 794, L15	7.9	71
35	Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. <i>Astronomical Journal</i> , 2017 , 153, 264	4.9	70
34	Dynamical Constraints on the HR 8799 Planets with GPI. <i>Astronomical Journal</i> , 2018 , 156, 192	4.9	70
33	Improving and Assessing Planet Sensitivity of the GPI Exoplanet Survey with a Forward Model Matched Filter. <i>Astrophysical Journal</i> , 2017 , 842, 14	4.7	66
32	1.4 au Near-IR Spectrum of the Giant Planet HD 106906 b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017 , 153, 182	4.9	66
31	DIRECT IMAGING OF AN ASYMMETRIC DEBRIS DISK IN THE HD 106906 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015 , 814, 32	4.7	63
30	SPECTROSCOPIC CHARACTERIZATION OF HD 95086 b WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal</i> , 2016 , 824, 121	4.7	63
29	An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. <i>Astronomical Journal</i> , 2017 , 153, 244	4.9	60
28	Gemini Planet Imager observational calibrations I: Overview of the GPI data reduction pipeline 2014 ,		57
27	CONSTRAINTS ON THE ARCHITECTURE OF THE HD 95086 PLANETARY SYSTEM WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2016 , 822, L29	7.9	47
26	DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. <i>Astrophysical Journal Letters</i> , 2016 , 829, L4	7.9	43

25	Evidence That the Directly Imaged Planet HD 131399 Ab Is a Background Star. <i>Astronomical Journal</i> , 2017 , 154, 218	4.9	41
24	GPI Spectra of HR 8799 c, d, and e from 1.5 to 2.4 μ m with KLIP Forward Modeling. <i>Astronomical Journal</i> , 2018 , 155, 226	4.9	36
23	GEMINI PLANET IMAGER OBSERVATIONS OF THE AU MICROSCOPII DEBRIS DISK: ASYMMETRIES WITHIN ONE ARCSECOND. <i>Astrophysical Journal Letters</i> , 2015 , 811, L19	7.9	34
22	Performance of the Gemini Planet Imager's adaptive optics system. <i>Applied Optics</i> , 2016 , 55, 323-40	0.2	29
21	DYNAMICAL MASS MEASUREMENT OF THE YOUNG SPECTROSCOPIC BINARY V343 NORMAE AaAb RESOLVED WITH THE GEMINI PLANET IMAGER. <i>Astronomical Journal</i> , 2016 , 152, 175	4.9	20
20	An ExoKuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019 , 882, 64	4.7	20
19	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet μ Pictoris b from Combined Direct Imaging and Astrometry. <i>Astronomical Journal</i> , 2020 , 159, 71	4.9	18
18	Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. <i>Astronomical Journal</i> , 2020 , 160, 24	4.9	18
17	Status and performance of the Gemini Planet Imager adaptive optics system 2016 ,		14
16	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	4.9	13
15	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016 , 152, 128	4.9	12
14	On-sky performance during verification and commissioning of the Gemini Planet Imager's adaptive optics system 2014 ,		11
13	Integral Field Spectroscopy of the Low-mass Companion HD 984 B with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017 , 153, 190	4.9	10
12	Techniques for High-contrast Imaging in Multi-star Systems. II. Multi-star Wavefront Control. <i>Astrophysical Journal</i> , 2017 , 849, 142	4.7	10
11	The Gemini Planet Imager View of the HD 32297 Debris Disk. <i>Astronomical Journal</i> , 2020 , 159, 251	4.9	8
10	Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020 , 6, 1	1.1	8
9	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	4.9	7
8	Imaging the 44 au Kuiper Belt Analog Debris Ring around HD 141569A with GPI Polarimetry. <i>Astronomical Journal</i> , 2020 , 159, 53	4.9	5

7	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020 , 159, 31	4.9	5
6	Gemini planet imager observational calibrations X: non-redundant masking on GPI 2014 ,		3
5	Asymmetries in adaptive optics point spread functions. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019 , 5, 1	1.1	3
4	Multiband Polarimetric Imaging of HR 4796A with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020 , 160, 79	4.9	3
3	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019 , 158, 226	4.9	3
2	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baade's Window. <i>Astronomical Journal</i> , 2020 , 159, 244	4.9	1
1	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	4.9	0