

# Rafael Millan-Gabet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7394915/publications.pdf>

Version: 2024-02-01

62  
papers

844  
citations

759233

12  
h-index

752698

20  
g-index

62  
all docs

62  
docs citations

62  
times ranked

798  
citing authors

#	ARTICLE	IF	CITATIONS
1	The HOSTS Survey for Exozodiacal Dust: Observational Results from the Complete Survey. <i>Astronomical Journal</i> , 2020, 159, 177.	4.7	57
2	Evidence for localized onset of episodic mass loss in Mira. <i>Astronomy and Astrophysics</i> , 2020, 642, A82.	5.1	9
3	The Inner Disk of RY Tau: Evidence of Stellar Occultation by the Disk Atmosphere at the Sublimation Rim from K-band Continuum Interferometry. <i>Astrophysical Journal</i> , 2020, 897, 31.	4.5	13
4	The MANIFEST pre-concept design. , 2020, , .		2
5	Key performance parameter based systems engineering for the Giant Magellan Telescope through construction and commissioning. , 2020, , .		0
6	Compact gaseous accretion disk in Keplerian rotation around MWC 147. <i>Astronomy and Astrophysics</i> , 2019, 623, A38.	5.1	7
7	Dusty disk winds at the sublimation rim of the highly inclined, low mass young stellar object SU Aurigae. <i>Astronomy and Astrophysics</i> , 2019, 627, A36.	5.1	17
8	A Multi-instrument and Multi-wavelength High Angular Resolution Study of MWC 614: Quantum Heated Particles Inside the Disk Cavity*. <i>Astrophysical Journal</i> , 2018, 855, 44.	4.5	21
9	Probing the Inner Disk Emission of the Herbig Ae Stars HD 163296 and HD 190073. <i>Astrophysical Journal</i> , 2018, 869, 164.	4.5	21
10	The HOSTS Surveyâ€™Exozodiacal Dust Measurements for 30 Stars. <i>Astronomical Journal</i> , 2018, 155, 194.	4.7	78
11	Simultaneous Spectral Energy Distribution and Near-infrared Interferometry Modeling of HD 142666. <i>Astrophysical Journal</i> , 2018, 866, 23.	4.5	15
12	Overview and status of the Giant Magellan Telescope project. , 2018, , .		9
13	The HOSTS survey for exo-zodiacal dust: preliminary results and future prospects. , 2018, , .		6
14	Planet formation imager: project update. , 2018, , .		0
15	Wide-field multi-object spectroscopy with MANIFEST. , 2018, , .		2
16	Making high-accuracy null depth measurements for the LBTI exozodi survey. <i>Proceedings of SPIE</i> , 2016, , .	0.8	10
17	Planet Formation Imager (PFI): science vision and key requirements. , 2016, , .		7
18	CONFRONTING STANDARD MODELS OF PROTO-PLANETARY DISKS WITH NEW MID-INFRARED SIZES FROM THE KECK INTERFEROMETER. <i>Astrophysical Journal</i> , 2016, 826, 120.	4.5	10

#	ARTICLE	IF	CITATIONS
19	EXO-ZODI MODELING FOR THE LARGE BINOCULAR TELESCOPE INTERFEROMETER. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 23.	7.7	27
20	TARGET SELECTION FOR THE LBTI EXOZODI KEY SCIENCE PROGRAM. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 24.	7.7	23
21	Exploring 5-40 AU scales around AB Aurigae with an upgraded Palomar Fiber Nuller. , 2014, , .		2
22	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. <i>Proceedings of SPIE</i> , 2014, , .	0.8	11
23	EVIDENCE FOR A RECEDING DUST SUBLIMATION REGION AROUND A SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal Letters</i> , 2013, 775, L36.	8.3	51
24	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 70-71.	0.0	2
25	Keck Interferometer Nuller science highlights. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
26	Control interface concepts for CHARA 6-telescope fringe tracking with CHAMP+MIRC. , 2012, , .		0
27	The Exozodiacal Dust Problem for Direct Observations of Exo-Earths. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 799-808.	3.1	81
28	Probing the stellar wind geometry in Vela X-1 with infrared interferometry. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 197-198.	0.0	0
29	Phase closure nulling: results from the 2009 campaign. , 2010, , .		0
30	Astrometry with the Keck Interferometer: The ASTRA project and its science. <i>New Astronomy Reviews</i> , 2009, 53, 363-372.	12.8	37
31	CHARA Michigan phase-tracker (CHAMP): a preliminary performance report. , 2008, , .		8
32	Last technology and results from the IOTA interferometer. <i>Proceedings of SPIE</i> , 2008, , .	0.8	2
33	Recent developments in optical interferometry data standards. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
34	VLT and Keck interferometry. <i>Advances in Space Research</i> , 2007, 40, 659-663.	2.6	0
35	Keck Interferometer V2science. , 2006, , .		4
36	Recent progress at the Keck Interferometer. , 2006, 6268, 212.		10

#	ARTICLE	IF	CITATIONS
37	Michigan Infrared Combiner (MIRC): commissioning results at the CHARA Array. , 2006, 6268, 530.		44
38	CHARA Michigan phase-tracker (CHAMP): design and fabrication. , 2006, , .		8
39	Robust determination of optical path difference: fringe tracking at the Infrared Optical Telescope Array interferometer. Applied Optics, 2005, 44, 5173.	2.1	23
40	The Michigan Infrared Combiner (MIRC): IR imaging with the CHARA Array. , 2004, , .		66
41	Characterizing closure-phase measurements at IOTA. , 2004, 5491, 1390.		6
42	The Antarctic planet interferometer. , 2004, , .		7
43	Visibility science operations with the Keck Interferometer. , 2004, , .		10
44	IOTA: recent technology and science. , 2004, 5491, 482.		5
45	Fringe tracking at the IOTA interferometer. , 2004, , .		6
46	The Fourier-Kelvin Stellar Interferometer: a practical interferometer for the detection and characterization of extrasolar giant planets. , 2004, , .		5
47	An integrated-optics 3-way beam combiner for IOTA. , 2003, 4838, 1099.		47
48	Reconfigurable electronics at the IOTA interferometer. , 2003, 4838, 943.		2
49	Increasing the imaging capabilities of the VLTI using integrated optics. , 2003, 4838, 312.		6
50	Low-resolution spectrograph for the IOTA interferometer. , 2003, , .		4
51	Recent science results with the two-telescope IOTA. , 2003, , .		5
52	Aperture synthesis using multiple facilities: Keck aperture masking and the IOTA interferometer. , 2003, , .		4
53	New beam-combination Techniques at IOTA. , 2003, , .		26
54	IOTA observation of the circumstellar envelope of R CrB. , 2003, 4838, 1068.		3

#	ARTICLE	IF	CITATIONS
55	Near-infrared IOTA interferometry of the symbiotic star CH Cyg. , 2003, 4838, 1043.		2
56	JHK-band spectro-interferometry of T Cep with the IOTA interferometer. , 2003, , .		5
57	SMART precision interferometry at 794 nm. , 2003, , .		6
58	Circumstellar environment of Herbig Ae/Be stars as seen by the IOTA. , 2000, , .		0
59	Third telescope project at the IOTA interferometer. , 2000, 4006, 715.		4
60	Observations of MIRA stars with the IOTA/FLUOR interferometer and comparison with MIRA star models. , 2000, 4006, 688.		5
61	New insights into the nature of the circumstellar environment of FU Ori. , 2000, 4006, 597.		2
62	Recent results from the IOTA NICMOS3 fringe detector. , 1998, , .		1