

Rafael Millan-Gabet

List of Publications by Year in descending order

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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 Exozodiacal Dust Problem for Direct Observations of Exo-Earths. Publications of the Astronomical Society of the Pacific, 2012, 124, 799-808.	3.1	81
2	The HOSTS Surveyâ€™s Exozodiacal Dust Measurements for 30 Stars. Astronomical Journal, 2018, 155, 194.	4.7	78
3	The Michigan Infrared Combiner (MIRC): IR imaging with the CHARA Array. , 2004, , .		66
4	The HOSTS Survey for Exozodiacal Dust: Observational Results from the Complete Survey. Astronomical Journal, 2020, 159, 177.	4.7	57
5	EVIDENCE FOR A RECEDING DUST SUBLIMATION REGION AROUND A SUPERMASSIVE BLACK HOLE. Astrophysical Journal Letters, 2013, 775, L36.	8.3	51
6	An integrated-optics 3-way beam combiner for IOTA. , 2003, 4838, 1099.		47
7	Michigan Infrared Combiner (MIRC): commissioning results at the CHARA Array. , 2006, 6268, 530.		44
8	Astrometry with the Keck Interferometer: The ASTRA project and its science. New Astronomy Reviews, 2009, 53, 363-372.	12.8	37
9	EXO-ZODI MODELING FOR THE LARGE BINOCULAR TELESCOPE INTERFEROMETER. Astrophysical Journal, Supplement Series, 2015, 216, 23.	7.7	27
10	New beam-combination Techniques at IOTA. , 2003, , .		26
11	Robust determination of optical path difference: fringe tracking at the Infrared Optical Telescope Array interferometer. Applied Optics, 2005, 44, 5173.	2.1	23
12	TARGET SELECTION FOR THE LBTI EXOZODI KEY SCIENCE PROGRAM. Astrophysical Journal, Supplement Series, 2015, 216, 24.	7.7	23
13	A Multi-instrument and Multi-wavelength High Angular Resolution Study of MWC 614: Quantum Heated Particles Inside the Disk Cavity*. Astrophysical Journal, 2018, 855, 44.	4.5	21
14	Probing the Inner Disk Emission of the Herbig Ae Stars HD 163296 and HD 190073. Astrophysical Journal, 2018, 869, 164.	4.5	21
15	Dusty disk winds at the sublimation rim of the highly inclined, low mass young stellar object SU Aurigae. Astronomy and Astrophysics, 2019, 627, A36.	5.1	17
16	Simultaneous Spectral Energy Distribution and Near-infrared Interferometry Modeling of HD 142666. Astrophysical Journal, 2018, 866, 23.	4.5	15
17	The Inner Disk of RY Tau: Evidence of Stellar Occultation by the Disk Atmosphere at the Sublimation Rim from K-band Continuum Interferometry. Astrophysical Journal, 2020, 897, 31.	4.5	13
18	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. Proceedings of SPIE, 2014, , .	0.8	11

#	ARTICLE	IF	CITATIONS
19	Visibility science operations with the Keck Interferometer. , 2004, , .		10
20	Recent progress at the Keck Interferometer. , 2006, 6268, 212.		10
21	Making high-accuracy null depth measurements for the LBTI exozodi survey. Proceedings of SPIE, 2016, , .	0.8	10
22	CONFRONTING STANDARD MODELS OF PROTO-PLANETARY DISKS WITH NEW MID-INFRARED SIZES FROM THE KECK INTERFEROMETER. Astrophysical Journal, 2016, 826, 120.	4.5	10
23	Evidence for localized onset of episodic mass loss in Mira. Astronomy and Astrophysics, 2020, 642, A82.	5.1	9
24	Overview and status of the Giant Magellan Telescope project. , 2018, , .		9
25	CHARA Michigan phase-tracker (CHAMP): design and fabrication. , 2006, , .		8
26	CHARA Michigan phase-tracker (CHAMP): a preliminary performance report. , 2008, , .		8
27	The Antarctic planet interferometer. , 2004, , .		7
28	Planet Formation Imager (PFI): science vision and key requirements. , 2016, , .		7
29	Compact gaseous accretion disk in Keplerian rotation around MWC 147. Astronomy and Astrophysics, 2019, 623, A38.	5.1	7
30	Increasing the imaging capabilities of the VLTI using integrated optics. , 2003, 4838, 312.		6
31	Characterizing closure-phase measurements at IOTA. , 2004, 5491, 1390.		6
32	Fringe tracking at the IOTA interferometer. , 2004, , .		6
33	The HOSTS survey for exo-zodiacal dust: preliminary results and future prospects. , 2018, , .		6
34	SMART precision interferometry at 794 nm. , 2003, , .		6
35	Observations of MIRA stars with the IOTA/FLUOR interferometer and comparison with MIRA star models. , 2000, 4006, 688.		5
36	Recent science results with the two-telescope IOTA. , 2003, , .		5

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37	IOTA: recent technology and science. , 2004, 5491, 482.		5
38	The Fourier-Kelvin Stellar Interferometer: a practical interferometer for the detection and characterization of extrasolar giant planets. , 2004, , .		5
39	JHK-band spectro-interferometry of T Cep with the IOTA interferometer. , 2003, , .		5
40	Third telescope project at the IOTA interferometer. , 2000, 4006, 715.		4
41	Low-resolution spectrograph for the IOTA interferometer. , 2003, , .		4
42	Aperture synthesis using multiple facilities: Keck aperture masking and the IOTA interferometer. , 2003, , .		4
43	Keck Interferometer V2science. , 2006, , .		4
44	IOTA observation of the circumstellar envelope of R CrB. , 2003, 4838, 1068.		3
45	New insights into the nature of the circumstellar environment of FU Ori. , 2000, 4006, 597.		2
46	Reconfigurable electronics at the IOTA interferometer. , 2003, 4838, 943.		2
47	Near-infrared IOTA interferometry of the symbiotic star CH Cyg. , 2003, 4838, 1043.		2
48	Last technology and results from the IOTA interferometer. Proceedings of SPIE, 2008, , .	0.8	2
49	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. Proceedings of the International Astronomical Union, 2013, 8, 70-71.	0.0	2
50	Exploring 5-40 AU scales around AB Aurigae with an upgraded Palomar Fiber Nuller. , 2014, , .		2
51	Wide-field multi-object spectroscopy with MANIFEST. , 2018, , .		2
52	The MANIFEST pre-concept design. , 2020, , .		2
53	Recent results from the IOTA NICMOS3 fringe detector. , 1998, , .		1
54	Circumstellar environment of Herbig Ae/Be stars as seen by the IOTA. , 2000, , .		0

#	ARTICLE	IF	CITATIONS
55	VLT and Keck interferometry. <i>Advances in Space Research</i> , 2007, 40, 659-663.	2.6	0
56	Recent developments in optical interferometry data standards. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
57	Phase closure nulling: results from the 2009 campaign. , 2010, , .		0
58	Keck Interferometer Nuller science highlights. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
59	Control interface concepts for CHARA 6-telescope fringe tracking with CHAMP+MIRC. , 2012, , .		0
60	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
61	Planet formation imager: project update. , 2018, , .		0
62	Key performance parameter based systems engineering for the Giant Magellan Telescope through construction and commissioning. , 2020, , .		0