

Jacques Kluska

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

968
citations

430874

18
h-index

434195

31
g-index

45
all docs

45
docs citations

45
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	PIONIER: a 4-telescope visitor instrument at VLTI. <i>Astronomy and Astrophysics</i> , 2011, 535, A67.	5.1	228
2	Structure of Herbig AeBe disks at the milliarcsecond scale. <i>Astronomy and Astrophysics</i> , 2017, 599, A85.	5.1	109
3	A triple-star system with a misaligned and warped circumstellar disk shaped by disk tearing. <i>Science</i> , 2020, 369, 1233-1238.	12.6	63
4	Imaging the dust sublimation front of a circumbinary disk. <i>Astronomy and Astrophysics</i> , 2016, 588, L1.	5.1	44
5	Large granulation cells on the surface of the giant star ϵ 1 Cruis. <i>Nature</i> , 2018, 553, 310-312.	27.8	42
6	A family portrait of disk inner rims around Herbig Ae/Be stars. <i>Astronomy and Astrophysics</i> , 2020, 636, A116.	5.1	37
7	SPARCO : a semi-parametric approach for image reconstruction of chromatic objects. <i>Astronomy and Astrophysics</i> , 2014, 564, A80.	5.1	35
8	A High-mass Protobinary System with Spatially Resolved Circumstellar Accretion Disks and Circumbinary Disk*. <i>Astrophysical Journal Letters</i> , 2017, 835, L5.	8.3	33
9	Hot circumstellar material resolved around θ^1 Pic with VLTI/PIONIER. <i>Astronomy and Astrophysics</i> , 2012, 546, L9.	5.1	31
10	The Shadow Knows: Using Shadows to Investigate the Structure of the Pretransitional Disk of HD 100453. <i>Astrophysical Journal</i> , 2017, 838, 62.	4.5	25
11	The perturbed sublimation rim of the dust disk around the post-AGB binary IRAS08544-4431. <i>Astronomy and Astrophysics</i> , 2018, 616, A153.	5.1	24
12	Inner disk clearing around the Herbig Ae star HD 139614: Evidence for a planet-induced gap?. <i>Astronomy and Astrophysics</i> , 2016, 586, A11.	5.1	23
13	Dissecting the AGB star L2Puppis: a torus in the making. <i>Astronomy and Astrophysics</i> , 2015, 576, A46.	5.1	22
14	A disk asymmetry in motion around the B[e] star MWC158. <i>Astronomy and Astrophysics</i> , 2016, 591, A82.	5.1	21
15	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
16	VLTI/PIONIER survey of disks around post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2019, 631, A108.	5.1	21
17	A population of transition disks around evolved stars: Fingerprints of planets. <i>Astronomy and Astrophysics</i> , 2022, 658, A36.	5.1	21
18	A resolved, au-scale gas disk around the B[e] star HD 50138. <i>Astronomy and Astrophysics</i> , 2015, 573, A77.	5.1	19

#	ARTICLE	IF	CITATIONS
19	Sparse aperture masking interferometry survey of transitional discs. <i>Astronomy and Astrophysics</i> , 2016, 595, A9.	5.1	17
20	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
21	Gas dynamics in the inner few AU around the Herbig B[e] star MWC297. <i>Astronomy and Astrophysics</i> , 2017, 607, A17.	5.1	14
22	Interferometric evidence for quantum heated particles in the inner region of protoplanetary disks around Herbig stars. <i>Astronomy and Astrophysics</i> , 2017, 599, A80.	5.1	14
23	Multiplicity of Galactic luminous blue variable stars. <i>Astronomy and Astrophysics</i> , 2022, 657, A4.	5.1	14
24	Spectroscopic binaries RV Tauri and DF Cygni. <i>Astronomy and Astrophysics</i> , 2019, 628, A40.	5.1	11
25	The 2014 interferometric imaging beauty contest. , 2014, , .		10
26	Probing the origin of UX Ori-type variability in the YSO binary CO Ori with VLTI/GRAVITY. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5406-5412.	4.4	10
27	The curious case of θ Lup: a complex morphology revealed with SAM/NACO and ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1006-1021.	4.4	9
28	Imaging the disc rim and a moving close-in companion candidate in the pre-transitional disc of V1247 Orionis. <i>Astronomy and Astrophysics</i> , 2019, 621, A7.	5.1	8
29	Multi-wavelength VLTI study of the puffed-up inner rim of a circumbinary disc. <i>Astronomy and Astrophysics</i> , 2021, 650, L13.	5.1	6
30	VLTI/PIONIER reveals the close environment of the evolved system HD 101584. <i>Astronomy and Astrophysics</i> , 2020, 642, A152.	5.1	6
31	Dissecting the AGB star L2Puppis: a torus in the making(Corrigendum). <i>Astronomy and Astrophysics</i> , 2015, 581, C2.	5.1	3
32	First images from the PIONIER/VLTI optical interferometry imaging survey of Herbig Ae/Be stars. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 117-118.	0.0	2
33	Unraveling Disks in AGB Stars. <i>EAS Publications Series</i> , 2015, 71-72, 217-222.	0.3	2
34	Direct temperature map estimation in optical long baseline interferometry. , 2016, , .		2
35	VLTI images of circumbinary disks around evolved stars. , 2020, , .		2
36	Accompanying optical interferometry worldwide: the JMMC tools and services. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1

#	ARTICLE	IF	CITATIONS
37	Neural network based image reconstruction with astrophysical priors. , 2020, , .		1
38	Intricate visibility effects from resolved emission of young stellar objects: the case of MWC158 observed with the VLTI. Proceedings of SPIE, 2012, , .	0.8	0
39	High Angular Resolution and Young Stellar Objects: Imaging the Surroundings of MWC 158 by Optical Interferometry. EAS Publications Series, 2013, 59, 141-154.	0.3	0
40	The innermost astronomical units of protoplanetary disks. Proceedings of SPIE, 2016, , .	0.8	0
41	Infrared Observations of the Asymmetric Mass Loss of an AGB Star. Galaxies, 2018, 6, 108.	3.0	0
42	A systematic survey of grain growth in discs around post-AGB binaries with PACS and SPIRE photometry. Proceedings of the International Astronomical Union, 2018, 14, 387-388.	0.0	0
43	Constraining convection across the AGB with high-angular-resolution observations. Proceedings of the International Astronomical Union, 2018, 14, 27-30.	0.0	0
44	Optical interferometry image reconstruction contest VIII. , 2018, , .		0