

Wolfgang Brandner

List of Publications by Year in descending order

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426
papers

17,417
citations

14655

66
h-index

24258

110
g-index

429
all docs

429
docs citations

429
times ranked

7717
citing authors

#	ARTICLE	IF	CITATIONS
1	A star in a 15.2-year orbit around the supermassive black hole at the centre of the Milky Way. <i>Nature</i> , 2002, 419, 694-696.	27.8	896
2	Detection of the gravitational redshift in the orbit of the star S2 near the Galactic centre massive black hole. <i>Astronomy and Astrophysics</i> , 2018, 615, L15.	5.1	593
3	A geometric distance measurement to the Galactic center black hole with 0.3% uncertainty. <i>Astronomy and Astrophysics</i> , 2019, 625, L10.	5.1	477
4	Discovery of a planetary-mass companion within the gap of the transition disk around PDS 70. <i>Astronomy and Astrophysics</i> , 2018, 617, A44.	5.1	436
5	Detection of the Schwarzschild precession in the orbit of the star S2 near the Galactic centre massive black hole. <i>Astronomy and Astrophysics</i> , 2020, 636, L5.	5.1	340
6	First light for GRAVITY: Phase referencing optical interferometry for the Very Large Telescope Interferometer. <i>Astronomy and Astrophysics</i> , 2017, 602, A94.	5.1	333
7	DISCOVERY OF SMALL-SCALE SPIRAL STRUCTURES IN THE DISK OF SAO 206462 (HD 135344B): IMPLICATIONS FOR THE PHYSICAL STATE OF THE DISK FROM SPIRAL DENSITY WAVE THEORY. <i>Astrophysical Journal Letters</i> , 2012, 748, L22.	8.3	309
8	Detection of orbital motions near the last stable circular orbit of the massive black hole SgrA*. <i>Astronomy and Astrophysics</i> , 2018, 618, L10.	5.1	261
9	Multiplicity of Nearby Free-floating Ultracool Dwarfs: A Hubble Space Telescope/WFPC2 Search for Companions. <i>Astronomical Journal</i> , 2003, 126, 1526-1554.	4.7	248
10	[ITAL]HUBBLE SPACE TELESCOPE[/ITAL]/NICMOS Imaging of Disks and Envelopes around Very Young Stars. <i>Astronomical Journal</i> , 1999, 117, 1490-1504.	4.7	237
11	NAOS-CONICA first on sky results in a variety of observing modes. , 2003, , .		227
12	SPIRAL ARMS IN THE ASYMMETRICALLY ILLUMINATED DISK OF MWC 758 AND CONSTRAINTS ON GIANT PLANETS. <i>Astrophysical Journal</i> , 2013, 762, 48.	4.5	210
13	DIRECT IMAGING OF FINE STRUCTURES IN GIANT PLANET-FORMING REGIONS OF THE PROTOPLANETARY DISK AROUND AB AURIGAE. <i>Astrophysical Journal Letters</i> , 2011, 729, L17.	8.3	205
14	DIRECT IMAGING OF A COLD JOVIAN EXOPLANET IN ORBIT AROUND THE SUN-LIKE STAR GJ 504. <i>Astrophysical Journal</i> , 2013, 774, 11.	4.5	205
15	Population Gradients in Local Group Dwarf Spheroidal Galaxies. <i>Astronomical Journal</i> , 2001, 122, 3092-3105.	4.7	199
16	THE ASTRALUX LARGE M-DWARF MULTIPLICITY SURVEY. <i>Astrophysical Journal</i> , 2012, 754, 44.	4.5	185
17	Discovery of a warm, dusty giant planet around HIP 65426. <i>Astronomy and Astrophysics</i> , 2017, 605, L9.	5.1	172
18	Spatially resolved rotation of the broad-line region of a quasar at sub-parsec scale. <i>Nature</i> , 2018, 563, 657-660.	27.8	166

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19	DIRECT IMAGING DISCOVERY OF A α -SUPER-JUPITER AROUND THE LATE B-TYPE STAR τ And. <i>Astrophysical Journal Letters</i> , 2013, 763, L32.	8.3	160
20	A global cloud map of the nearest known brown dwarf. <i>Nature</i> , 2014, 505, 654-656.	27.8	159
21	μ -IndiBa,Bb: The nearest binary brown dwarf. <i>Astronomy and Astrophysics</i> , 2004, 413, 1029-1036.	5.1	143
22	POLARIMETRIC IMAGING OF LARGE CAVITY STRUCTURES IN THE PRE-TRANSITIONAL PROTOPLANETARY DISK AROUND PDS 70: OBSERVATIONS OF THE DISK. <i>Astrophysical Journal Letters</i> , 2012, 758, L19.	8.3	142
23	A dynamical calibration of the mass-luminosity relation at very low stellar masses and young ages. <i>Nature</i> , 2005, 433, 286-289.	27.8	138
24	An Imaging Survey for Extrasolar Planets around 45 Close, Young Stars with the Simultaneous Differential Imager at the Very Large Telescope and MMT. <i>Astrophysical Journal, Supplement Series</i> , 2007, 173, 143-165.	7.7	138
25	High-Resolution Spectroscopy in Tr 37: Gas Accretion Evolution in Evolved Dusty Disks. <i>Astronomical Journal</i> , 2006, 132, 2135-2155.	4.7	131
26	Membership and Multiplicity among Very Low Mass Stars and Brown Dwarfs in the Pleiades Cluster. <i>Astrophysical Journal</i> , 2000, 543, 299-312.	4.5	128
27	A STATISTICAL ANALYSIS OF SEEDS AND OTHER HIGH-CONTRAST EXOPLANET SURVEYS: MASSIVE PLANETS OR LOW-MASS BROWN DWARFS?. <i>Astrophysical Journal</i> , 2014, 794, 159.	4.5	124
28	IMAGING OF A TRANSITIONAL DISK GAP IN REFLECTED LIGHT: INDICATIONS OF PLANET FORMATION AROUND THE YOUNG SOLAR ANALOG LkCa 15. <i>Astrophysical Journal Letters</i> , 2010, 718, L87-L91.	8.3	123
29	The Secrets of the Nearest Starburst Cluster. II. The Present-Day Mass Function in NGC 3603. <i>Astronomical Journal</i> , 2006, 132, 253-270.	4.7	118
30	VERY LARGE TELESCOPE/NACO POLARIMETRIC DIFFERENTIAL IMAGING OF HD100546'S DISK STRUCTURE AND DUST GRAIN PROPERTIES BETWEEN 10 AND 140 AU. <i>Astrophysical Journal</i> , 2011, 738, 23.	4.5	116
31	Hokupa'a-Gemini Discovery of Two Ultracool Companions to the Young Star HD 130948. <i>Astrophysical Journal</i> , 2002, 567, L133-L136.	4.5	113
32	The mass function of the Arches cluster from Gemini adaptive optics data. <i>Astronomy and Astrophysics</i> , 2002, 394, 459-478.	5.1	113
33	SPATIALLY RESOLVED SPECTROSCOPY OF THE EXOPLANET HR 8799 c. <i>Astrophysical Journal Letters</i> , 2010, 710, L35-L38.	8.3	110
34	THE MISSING CAVITIES IN THE SEEDS POLARIZED SCATTERED LIGHT IMAGES OF TRANSITIONAL PROTOPLANETARY DISKS: A GENERIC DISK MODEL. <i>Astrophysical Journal</i> , 2012, 750, 161.	4.5	110
35	The Arches Cluster: Evidence for a Truncated Mass Function?. <i>Astrophysical Journal</i> , 2005, 628, L113-L117.	4.5	108
36	SUBARU IMAGING OF ASYMMETRIC FEATURES IN A TRANSITIONAL DISK IN UPPER SCORPIUS. <i>Astrophysical Journal Letters</i> , 2012, 760, L26.	8.3	108

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37	A Search for Companions to Nearby Brown Dwarfs: The Binary DENIS-P J1228.2-1547. <i>Science</i> , 1999, 283, 1718-1720.	12.6	106
38	Stellar companions to exoplanet host stars: Lucky Imaging of transiting planet hostsâ€¦. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 182-189.	4.4	106
39	A novel <i>L</i> -band imaging search for giant planets in the Tucana and ρ Pictoris moving groups. <i>Astronomy and Astrophysics</i> , 2007, 472, 321-327.	5.1	105
40	THE MOVING GROUP TARGETS OF THE SEEDS HIGH-CONTRAST IMAGING SURVEY OF EXOPLANETS AND DISKS: RESULTS AND OBSERVATIONS FROM THE FIRST THREE YEARS. <i>Astrophysical Journal</i> , 2014, 786, 1.	4.5	102
41	Discovery of a Brown Dwarf Very Close to the Sun: A Methane-rich Brown Dwarf Companion to the Low-Mass Star SCR 1845-6357. <i>Astrophysical Journal</i> , 2006, 641, L141-L144.	4.5	100
42	Discovery of a Young Substellar Companion in Chamaeleon. <i>Astrophysical Journal</i> , 2006, 649, 894-899.	4.5	99
43	Binarity of transit host stars. <i>Astronomy and Astrophysics</i> , 2009, 498, 567-574.	5.1	96
44	Lucky Imaging survey for southern M dwarf binaries. <i>Astronomy and Astrophysics</i> , 2010, 520, A54.	5.1	96
45	DISCOVERY OF A DISK GAP CANDIDATE AT 20 AU IN TW HYDRAE. <i>Astrophysical Journal Letters</i> , 2015, 802, L17.	8.3	96
46	Spectral and atmospheric characterization of 51 Eridani b using VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2017, 603, A57.	5.1	95
47	First direct detection of an exoplanet by optical interferometry. <i>Astronomy and Astrophysics</i> , 2019, 623, L11.	5.1	95
48	Mass distribution in the Galactic Center based on interferometric astrometry of multiple stellar orbits. <i>Astronomy and Astrophysics</i> , 2022, 657, L12.	5.1	94
49	Galactic Starburst NGC 3603 from X-Rays to Radio. <i>Astrophysical Journal</i> , 2002, 573, 191-198.	4.5	92
50	WEATHER ON THE NEAREST BROWN DWARFS: RESOLVED SIMULTANEOUS MULTI-WAVELENGTH VARIABILITY MONITORING OF WISE J104915.57â€“531906.1AB. <i>Astrophysical Journal Letters</i> , 2013, 778, L10.	8.3	92
51	Intermediate to low-mass stellar content of Westerlund 1. <i>Astronomy and Astrophysics</i> , 2008, 478, 137-149.	5.1	90
52	Direct measurement of the size and shape of the present-day stellar wind of β Carinae. <i>Astronomy and Astrophysics</i> , 2003, 410, L37-L40.	5.1	86
53	Improved GRAVITY astrometric accuracy from modeling optical aberrations. <i>Astronomy and Astrophysics</i> , 2021, 647, A59.	5.1	82
54	Timescales of Disk Evolution and Planet Formation: [ITAL]HST[/ITAL], Adaptive Optics, and [ITAL]ISO[/ITAL] Observations of Weak-Line and Postâ€“T Tauri Stars. <i>Astronomical Journal</i> , 2000, 120, 950-962.	4.7	79

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55	The Proper Motion of the Arches Cluster with Keck Laser-Guide Star Adaptive Optics. <i>Astrophysical Journal</i> , 2008, 675, 1278-1292.	4.5	78
56	THE STRUCTURE OF PRE-TRANSITIONAL PROTOPLANETARY DISKS. I. RADIATIVE TRANSFER MODELING OF THE DISK+CAVITY IN THE PDS 70 SYSTEM. <i>Astrophysical Journal</i> , 2012, 760, 111.	4.5	78
57	Peering into the formation history of ρ Pictoris b with VLTI/GRAVITY long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2020, 633, A110.	5.1	78
58	Some Characteristics of Current Star Formation in the 30 Doradus Nebula Revealed by [ITAL]HST[/ITAL]/NICMOS. <i>Astronomical Journal</i> , 1999, 117, 225-237.	4.7	78
59	THE SEEDS DIRECT IMAGING SURVEY FOR PLANETS AND SCATTERED DUST EMISSION IN DEBRIS DISK SYSTEMS. <i>Astrophysical Journal</i> , 2013, 773, 73.	4.5	77
60	DIRECT IMAGING DETECTION OF METHANE IN THE ATMOSPHERE OF GJ 504 b. <i>Astrophysical Journal Letters</i> , 2013, 778, L4.	8.3	76
61	THE LOW-MASS INITIAL MASS FUNCTION IN THE 30 DORADUS STARBURST CLUSTER. <i>Astrophysical Journal</i> , 2009, 707, 1347-1360.	4.5	73
62	NEW TECHNIQUES FOR HIGH-CONTRAST IMAGING WITH ADI: THE ACORNS-ADI SEEDS DATA REDUCTION PIPELINE. <i>Astrophysical Journal</i> , 2013, 764, 183.	4.5	73
63	First determination of the dynamical mass of a binary L dwarf. <i>Astronomy and Astrophysics</i> , 2004, 423, 341-352.	5.1	72
64	THE EVOLUTION OF MASSIVE YOUNG STELLAR OBJECTS IN THE LARGE MAGELLANIC CLOUD. I. IDENTIFICATION AND SPECTRAL CLASSIFICATION. <i>Astrophysical Journal</i> , 2009, 699, 150-167.	4.5	72
65	The SPHERE view of the planet-forming disk around HD 100546. <i>Astronomy and Astrophysics</i> , 2016, 588, A8.	5.1	72
66	INTERNAL DYNAMICS AND MEMBERSHIP OF THE NGC 3603 YOUNG CLUSTER FROM MICROARCSECOND ASTROMETRY. <i>Astrophysical Journal Letters</i> , 2010, 716, L90-L94.	8.3	71
67	IMAGES OF THE EXTENDED OUTER REGIONS OF THE DEBRIS RING AROUND HR 4796 A. <i>Astrophysical Journal Letters</i> , 2011, 743, L6.	8.3	71
68	An Adaptive Optics Survey of M8-M9 Stars: Discovery of Four Very Low Mass Binaries with at Least One System Containing a Brown Dwarf Companion. <i>Astrophysical Journal</i> , 2002, 567, L53-L57.	4.5	71
69	NEAR-INFRARED MULTI-BAND PHOTOMETRY OF THE SUBSTELLAR COMPANION GJ 758 B. <i>Astrophysical Journal</i> , 2011, 728, 85.	4.5	70
70	INSTANTANEOUS STARBURST OF THE MASSIVE CLUSTERS WESTERLUND 1 AND NGC 3603 YC. <i>Astrophysical Journal Letters</i> , 2012, 750, L44.	8.3	69
71	Mass segregation and elongation of the starburst cluster Westerlund 1... Monthly Notices of the Royal Astronomical Society, 2011, 412, 2469-2488.	4.4	68
72	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. <i>Astrophysical Journal</i> , 2016, 817, 166.	4.5	68

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73	The SEEDS High-Contrast Imaging Survey of Exoplanets Around Young Stellar Objects. <i>Astronomical Journal</i> , 2017, 153, 106.	4.7	68
74	Hubble Space Telescope/WFPC2 Imaging of the Disk and Jet of HV Tauri C. <i>Astrophysical Journal</i> , 2003, 589, 410-418.	4.5	67
75	A narrow, edge-on disk resolved around HD 106906 with SPHERE. <i>Astronomy and Astrophysics</i> , 2016, 586, L8.	5.1	67
76	An image of the dust sublimation region in the nucleus of NGC 1068. <i>Astronomy and Astrophysics</i> , 2020, 634, A1.	5.1	67
77	The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603. <i>Astronomical Journal</i> , 2004, 128, 765-786.	4.7	66
78	MAPPING $H\alpha$ -BAND SCATTERED LIGHT EMISSION IN THE MYSTERIOUS SR21 TRANSITIONAL DISK. <i>Astrophysical Journal</i> , 2013, 767, 10.	4.5	66
79	IMAGING DISCOVERY OF THE DEBRIS DISK AROUND HIP 79977. <i>Astrophysical Journal Letters</i> , 2013, 763, L29.	8.3	65
80	Detailed structure of the outer disk around HD 169142 with polarized light in $H\alpha$ -band. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	2.5	65
81	THE STRUCTURE OF PRE-TRANSITIONAL PROTOPLANETARY DISKS. II. AZIMUTHAL ASYMMETRIES, DIFFERENT RADIAL DISTRIBUTIONS OF LARGE AND SMALL DUST GRAINS IN PDS 70 ⁺ . <i>Astrophysical Journal</i> , 2015, 799, 43.	4.5	65
82	Dynamical traceback age of the β Pictoris moving group. <i>Astronomy and Astrophysics</i> , 2020, 642, A179.	5.1	63
83	Direct confirmation of the radial-velocity planet β Pictoris c. <i>Astronomy and Astrophysics</i> , 2020, 642, L2.	5.1	61
84	VARIABILITY IN A YOUNG, L/T TRANSITION PLANETARY-MASS OBJECT. <i>Astrophysical Journal Letters</i> , 2015, 813, L23.	8.3	60
85	SEEDS ADAPTIVE OPTICS IMAGING OF THE ASYMMETRIC TRANSITION DISK OPH IRS 48 IN SCATTERED LIGHT. <i>Astrophysical Journal</i> , 2015, 798, 132.	4.5	59
86	Constraining the Nature of the PDS 70 Protoplanets with VLT/GRAVITY ⁺ . <i>Astronomical Journal</i> , 2021, 161, 148.	4.7	59
87	[ITAL]HST[/ITAL]/WFPC2 and VLT/ISAAC Observations of Proplyds in the Giant H [CSC]ii/[CSC] Region NGC 3603. <i>Astronomical Journal</i> , 2000, 119, 292-301.	4.7	58
88	THE ASTRALUX MULTIPLICITY SURVEY: EXTENSION TO LATE M-DWARFS. <i>Astrophysical Journal</i> , 2014, 789, 102.	4.5	57
89	[ITAL]HUBBLE SPACE TELESCOPE[/ITAL] [ITAL]Hubble Space Telescope[/ITAL] NICMOS Detection of a Partially Embedded, Intermediate-Mass, Pre- ⁺ Main-Sequence Population in the 30 Doradus Nebula. <i>Astronomical Journal</i> , 2001, 122, 858-865.	4.7	54
90	AGE SPREAD IN W3 MAIN: LARGE BINOCULAR TELESCOPE/LUCI NEAR-INFRARED SPECTROSCOPY OF THE MASSIVE STELLAR CONTENT. <i>Astrophysical Journal</i> , 2012, 744, 87.	4.5	52

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91	Ring Nebula and Bipolar Outflows Associated with the B1.5 Supergiant Sher 25 in NGC 3603. <i>Astrophysical Journal</i> , 1997, 475, L45-L48.	4.5	52
92	NGC 346 in the Small Magellanic Cloud. III. Recent Star Formation and Stellar Clustering Properties in the Bright H α Region N66. <i>Astrophysical Journal</i> , 2008, 672, 914-929.	4.5	51
93	Modeling the orbital motion of Sgr A * 's near-infrared flares. <i>Astronomy and Astrophysics</i> , 2020, 635, A143.	5.1	51
94	NACO polarimetric differential imaging of TW Hya. <i>Astronomy and Astrophysics</i> , 2004, 415, 671-676.	5.1	51
95	The sub-arcsecond dusty environment of Eta Carinae. <i>Astronomy and Astrophysics</i> , 2005, 435, 1043-1061.	5.1	50
96	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system. <i>Astronomy and Astrophysics</i> , 2015, 576, A133.	5.1	50
97	Simultaneous Multiwavelength Variability Characterization of the Free-floating Planetary-mass Object PSO J318.5 \sim 22. <i>Astronomical Journal</i> , 2018, 155, 95.	4.7	49
98	The Arches cluster out to its tidal radius: dynamical mass segregation and the effect of the extinction law on the stellar mass function. <i>Astronomy and Astrophysics</i> , 2013, 556, A26.	5.1	48
99	Multiplicity of very low-mass objects in the Upper Scorpius OB Association: a possible wide binary population. <i>Astronomy and Astrophysics</i> , 2006, 451, 177-186.	5.1	47
100	GRAVITY: getting to the event horizon of Sgr A * . <i>Proceedings of SPIE</i> , 2008, , .	0.8	47
101	Search for Outer Massive Bodies around Transiting Planetary Systems: Candidates of Faint Stellar Companions around HAT-P-7. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 779-786.	2.5	47
102	Direct Imaging Search for Extrasolar Planets in the Pleiades. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	47
103	The SPHERE infrared survey for exoplanets (SHINE). <i>Astronomy and Astrophysics</i> , 2021, 651, A71.	5.1	47
104	Subarcsecond Mid-Infrared Structure of the Dust Shell around IRAS 22272+5435. <i>Astrophysical Journal</i> , 2001, 557, 831-843.	4.5	46
105	SEARCH FOR VERY LOW-MASS BROWN DWARFS AND FREE-FLOATING PLANETARY-MASS OBJECTS IN TAURUS. <i>Astrophysical Journal</i> , 2010, 708, 770-784.	4.5	46
106	A Lucky Imaging search for stellar sources near 74 transit hosts. <i>Astronomy and Astrophysics</i> , 2015, 579, A129.	5.1	46
107	Observations of fast-moving features in the debris disk of AU Mic on a three-year timescale: Confirmation and new discoveries. <i>Astronomy and Astrophysics</i> , 2018, 614, A52.	5.1	46
108	The GRAVITY Young Stellar Object survey. <i>Astronomy and Astrophysics</i> , 2019, 632, A53.	5.1	46

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109	The resolved size and structure of hot dust in the immediate vicinity of AGN. <i>Astronomy and Astrophysics</i> , 2020, 635, A92.	5.1	46
110	Star Formation Environments and the Distribution of Binary Separations. <i>Astrophysical Journal</i> , 1998, 499, L79-L82.	4.5	45
111	Extreme asymmetry in the polarized disk of V1247 \hat{A} Orionis. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, .	2.5	45
112	The GJ 504 system revisited. <i>Astronomy and Astrophysics</i> , 2018, 618, A63.	5.1	45
113	A Common Proper Motion Stellar Companion to HAT-P-7. <i>Publication of the Astronomical Society of Japan</i> , 2012, 64, .	2.5	44
114	Characterization of the gaseous companion \hat{P} Andromedae b. <i>Astronomy and Astrophysics</i> , 2014, 562, A111.	5.1	44
115	Testing giant planet formation in the transitional disk of SAO 206462 using deep VLT/SPHERE imaging. <i>Astronomy and Astrophysics</i> , 2017, 601, A134.	5.1	44
116	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. <i>Astronomical Journal</i> , 2018, 156, 286.	4.7	44
117	The GRAVITY fringe tracker. <i>Astronomy and Astrophysics</i> , 2019, 624, A99.	5.1	43
118	HIGH-CONTRAST NEAR-INFRARED POLARIZATION IMAGING OF MWC480. <i>Astrophysical Journal</i> , 2012, 753, 153.	4.5	42
119	The present-day mass function of the Quintuplet cluster based on proper motion membership. <i>Astronomy and Astrophysics</i> , 2012, 540, A57.	5.1	41
120	Discovery of concentric broken rings at sub-arcsec separations in the HD \hat{C} 141569A gas-rich, debris disk with VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2016, 590, L7.	5.1	41
121	AstraLux: the Calar Alto lucky imaging camera. <i>Proceedings of SPIE</i> , 2008, , .	0.8	40
122	Protoplanetary disk evolution and stellar parameters of T \hat{A} Tauri binaries in Chamaeleon \hat{O} . <i>Astronomy and Astrophysics</i> , 2013, 554, A43.	5.1	40
123	The Hourglass Nebulae of Sher 25 and SN 1987A: Two of a Kind?. <i>Astrophysical Journal</i> , 1997, 489, L153-L156.	4.5	39
124	A Search for Variability in Exoplanet Analogues and Low-Gravity Brown Dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	39
125	Corona-Australis DANCe. <i>Astronomy and Astrophysics</i> , 2020, 634, A98.	5.1	39
126	The SPHERE infrared survey for exoplanets (SHINE). <i>Astronomy and Astrophysics</i> , 2021, 651, A70.	5.1	39

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127	The spatially resolved broad line region of IRAS 09149+6206. <i>Astronomy and Astrophysics</i> , 2020, 643, A154.	5.1	39
128	A Search for Jovian Planets around Hot White Dwarfs. <i>Astrophysical Journal</i> , 2001, 546, L61-L64.	4.5	39
129	PIERCING THE GLARE: A DIRECT IMAGING SEARCH FOR PLANETS IN THE SIRIUS SYSTEM. <i>Astrophysical Journal Letters</i> , 2011, 732, L34.	8.3	38
130	Unveiling the ρ Pictoris system, coupling high contrast imaging, interferometric, and radial velocity data. <i>Astronomy and Astrophysics</i> , 2020, 642, A18.	5.1	38
131	Improved age constraints for the AB Doradus quadruple system. <i>Astronomy and Astrophysics</i> , 2007, 462, 615-620.	5.1	38
132	A comprehensive examination of the μ Eridani system. <i>Astronomy and Astrophysics</i> , 2008, 488, 771-780.	5.1	38
133	High-Resolution Near-Infrared Polarimetry of a Circumstellar Disk around UX Tau A. <i>Publication of the Astronomical Society of Japan</i> , 2012, 64, .	2.5	37
134	HIGH-CONTRAST NEAR-INFRARED IMAGING POLARIMETRY OF THE PROTOPLANETARY DISK AROUND RY TAU. <i>Astrophysical Journal</i> , 2013, 772, 145.	4.5	37
135	Test of the Einstein Equivalence Principle near the Galactic Center Supermassive Black Hole. <i>Physical Review Letters</i> , 2019, 122, 101102.	7.8	37
136	The central parsec of NGC 3783: a rotating broad emission line region, asymmetric hot dust structure, and compact coronal line region. <i>Astronomy and Astrophysics</i> , 2021, 648, A117.	5.1	37
137	Spitzer Variability Properties of Low-gravity L Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 38.	4.7	37
138	A Possible Third Component in the L Dwarf Binary System DENIS-P J020529.0-115925 Discovered with the Hubble Space Telescope. <i>Astronomical Journal</i> , 2005, 129, 511-517.	4.7	36
139	Investigating the young solar system analog HD 95086. <i>Astronomy and Astrophysics</i> , 2018, 617, A76.	5.1	36
140	A novel simultaneous differential imager for the direct imaging of giant planets. , 2004, 5492, 970.		35
141	HST, VLT, and NTT imaging search for wide companions to bona-fide and candidate brown dwarfs in the Cha I dark cloud. <i>Astronomy and Astrophysics</i> , 2002, 384, 999-1011.	5.1	35
142	A Hubble Space Telescope Advanced Camera for Surveys Search for Brown Dwarf Binaries in the Pleiades Open Cluster. <i>Astrophysical Journal</i> , 2006, 637, 1056-1066.	4.5	34
143	Feedback-regulated star formation II. Dual constraints on the SFE and the age spread of stars in massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3727-3740.	4.4	34
144	THE ORBITAL MOTION OF THE QUINTUPLET CLUSTER – A COMMON ORIGIN FOR THE ARCHES AND QUINTUPLET CLUSTERS?. <i>Astrophysical Journal</i> , 2014, 789, 115.	4.5	34

#	ARTICLE	IF	CITATIONS
145	High-contrast study of the candidate planets and protoplanetary disk around HD 100546. <i>Astronomy and Astrophysics</i> , 2018, 619, A160.	5.1	34
146	The flux distribution of Sgr A*. <i>Astronomy and Astrophysics</i> , 2020, 638, A2.	5.1	34
147	The Supergiant Shell LMC 2. I. The Kinematics and Physical Structure. <i>Astrophysical Journal</i> , 1999, 518, 298-323.	4.5	34
148	The Star-forming Region NGC 346 in the Small Magellanic Cloud with Hubble Space Telescope ACS Observations. I. Photometry. <i>Astrophysical Journal, Supplement Series</i> , 2006, 166, 549-556.	7.7	33
149	GRAVITY: a four-telescope beam combiner instrument for the VLTI. <i>Proceedings of SPIE</i> , 2010, , .	0.8	33
150	Very low-mass stellar content of the young supermassive Galactic star cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2017, 602, A22.	5.1	33
151	The mass of $\hat{\rho}^2$ Pictoris c from $\hat{\rho}^2$ Pictoris b orbital motion. <i>Astronomy and Astrophysics</i> , 2021, 654, L2.	5.1	33
152	Discovery of a Candidate for the Central Star of the Ultracompact H ii Region G5.89-0.39. <i>Astrophysical Journal</i> , 2003, 599, L91-L94.	4.5	32
153	ORBITAL MONITORING OF THE ASTRALUX LARGE M-DWARF MULTIPLICITY SAMPLE. <i>Astrophysical Journal, Supplement Series</i> , 2014, 214, 17.	7.7	32
154	Infrared spectrum and proper motion of the brown dwarf companion of HR 7329 in Tucanae. <i>Astronomy and Astrophysics</i> , 2001, 365, 514-518.	5.1	32
155	CHEOPS/ZIMPOL: a VLT instrument study for the polarimetric search of scattered light from extrasolar planets. , 2004, , .		31
156	NGC 346 in The Small Magellanic Cloud. IV. Triggered Star Formation in the H _{ii} Region N66. <i>Astrophysical Journal</i> , 2008, 688, 1050-1059.	4.5	31
157	Gap, shadows, spirals, and streamers: SPHERE observations of binary-disk interactions in GG Tauri A. <i>Astronomy and Astrophysics</i> , 2020, 639, A62.	5.1	31
158	AstraLux - the Calar Alto 2.2-m telescope Lucky Imaging Camera. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012051.	0.4	30
159	Methods for multiple-telescope beam imaging and guiding in the near-infrared. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 459-469.	4.4	30
160	Hint of curvature in the orbital motion of the exoplanet 51 Eridani b using 3 yr of VLT/SPHERE monitoring. <i>Astronomy and Astrophysics</i> , 2019, 624, A118.	5.1	30
161	Discovery of a Very Low Mass Binary with the [ITAL]Hubble Space Telescope[/ITAL]Near-Infrared Camera and Multiobject Spectrometer. <i>Astrophysical Journal</i> , 1998, 509, L113-L116.	4.5	29
162	Discovery of a 0.15 Binary Brown Dwarf, 2MASS J1426316+155701, with Gemini/Hokupa'a Adaptive Optics. <i>Astrophysical Journal</i> , 2002, 566, 1095-1099.	4.5	29

#	ARTICLE	IF	CITATIONS
163	HIGH-RESOLUTION SUBMILLIMETER AND NEAR-INFRARED STUDIES OF THE TRANSITION DISK AROUND Sz 91. <i>Astrophysical Journal</i> , 2014, 783, 90.	4.5	29
164	Binaries among low-mass stars in nearby young moving groups. <i>Astronomy and Astrophysics</i> , 2017, 599, A70.	5.1	29
165	Origin of the asymmetry of the wind driven halo observed in high-contrast images. <i>Astronomy and Astrophysics</i> , 2018, 620, L10.	5.1	29
166	Resolving faint structures in the debris disk around TWA 7. <i>Astronomy and Astrophysics</i> , 2018, 617, A109.	5.1	29
167	Dynamically important magnetic fields near the event horizon of Sgr A*. <i>Astronomy and Astrophysics</i> , 2020, 643, A56.	5.1	29
168	The Rapid Outbursting Star GM Cep: An EXor in Tr 37?. <i>Astrophysical Journal</i> , 2008, 673, 382-399.	4.5	28
169	HIGH-CONTRAST IMAGING OF INTERMEDIATE-MASS GIANTS WITH LONG-TERM RADIAL VELOCITY TRENDS. <i>Astrophysical Journal</i> , 2016, 825, 127.	4.5	28
170	Detection of faint stars near Sagittarius A* with GRAVITY. <i>Astronomy and Astrophysics</i> , 2021, 645, A127.	5.1	28
171	Constraining particle acceleration in Sgr A* with simultaneous GRAVITY, Spitzer, NuSTAR, and Chandra observations. <i>Astronomy and Astrophysics</i> , 2021, 654, A22.	5.1	28
172	Suppressing speckle noise for simultaneous differential extrasolar planet imaging (SDI) at the VLT and MMT. , 2004, , .		27
173	SURFACE GEOMETRY OF PROTOPLANETARY DISKS INFERRED FROM NEAR-INFRARED IMAGING POLARIMETRY. <i>Astrophysical Journal</i> , 2014, 795, 71.	4.5	27
174	A Lucky Imaging search for stellar companions to transiting planet host stars. <i>Astronomy and Astrophysics</i> , 2015, 575, A23.	5.1	27
175	SPIRAL STRUCTURE AND DIFFERENTIAL DUST SIZE DISTRIBUTION IN THE LkH \pm 330 DISK. <i>Astronomical Journal</i> , 2016, 152, 222.	4.7	27
176	The Low-Mass Pre-Main-Sequence Population of the Stellar Association LH 52 in the Large Magellanic Cloud Discovered with Hubble Space Telescope WFPC2 Observations. <i>Astrophysical Journal</i> , 2006, 636, L133-L136.	4.5	26
177	NACO-SDI Direct Imaging Search for the Exoplanet ϵ Eri b. <i>Astronomical Journal</i> , 2007, 133, 2442-2456.	4.7	26
178	GRAVITY data reduction software. <i>Proceedings of SPIE</i> , 2014, , .	0.8	26
179	A measure of the size of the magnetospheric accretion region in TW Hydrae. <i>Nature</i> , 2020, 584, 547-550.	27.8	26
180	TRAP: a temporal systematics model for improved direct detection of exoplanets at small angular separations. <i>Astronomy and Astrophysics</i> , 2021, 646, A24.	5.1	26

#	ARTICLE	IF	CITATIONS
181	The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from Hubble Space Telescope Observations. <i>Astronomical Journal</i> , 2004, 127, 1472-1485.	4.7	25
182	The very nearby M/T dwarf binary SCR 1845-6357. <i>Astronomy and Astrophysics</i> , 2007, 471, 655-659.	5.1	25
183	SPOTS: The Search for Planets Orbiting Two Stars. <i>Astronomy and Astrophysics</i> , 2014, 572, A91.	5.1	25
184	Wind-driven halo in high-contrast images. <i>Astronomy and Astrophysics</i> , 2020, 638, A98.	5.1	25
185	Probing the magnetospheric accretion region of the young pre-transitional disk system DoAr 44 using VLT/GRAVITY. <i>Astronomy and Astrophysics</i> , 2020, 636, A108.	5.1	25
186	A young binary brown dwarf in the R-CrA star formation region. <i>Astronomy and Astrophysics</i> , 2004, 424, 213-226.	5.1	24
187	Discovery of the Pre-Main-Sequence Population of the Stellar Association LH 95 in the Large Magellanic Cloud with Hubble Space Telescope Advanced Camera for Surveys Observations. <i>Astrophysical Journal</i> , 2007, 665, L27-L30.	4.5	24
188	Single stars in the Hyades open cluster. <i>Astronomy and Astrophysics</i> , 2016, 585, A7.	5.1	24
189	Subaru/HiCIAO HK Imaging of LKHa 330: Multi-band Detection of the Gap and Spiral-like Structures. <i>Astronomical Journal</i> , 2018, 156, 63.	4.7	24
190	Direct imaging of the young spectroscopic binary HD 160934. <i>Astronomy and Astrophysics</i> , 2007, 463, 707-711.	5.1	23
191	Deep near-infrared imaging of W3 Main: constraints on stellar cluster formation. <i>Astronomy and Astrophysics</i> , 2014, 561, A12.	5.1	23
192	Multiple star systems in the Orion nebula. <i>Astronomy and Astrophysics</i> , 2018, 620, A116.	5.1	23
193	Multi-epoch Direct Imaging and Time-variable Scattered Light Morphology of the HD 163296 Protoplanetary Disk. <i>Astrophysical Journal</i> , 2019, 875, 38.	4.5	23
194	On the dynamics of the AB Doradus system. <i>Astronomy and Astrophysics</i> , 2006, 446, 733-738.	5.1	23
195	AB Doradus C: age, spectral type, orbit, and comparison to evolutionary models. <i>Astronomische Nachrichten</i> , 2005, 326, 1033-1039.	1.2	22
196	VLT/NACO astrometry of the HR 8799 planetary system. <i>Astronomy and Astrophysics</i> , 2011, 528, A134.	5.1	22
197	Circumstellar discs in Galactic centre clusters: Disc-bearing B-type stars in the Quintuplet and Arches clusters. <i>Astronomy and Astrophysics</i> , 2015, 578, A4.	5.1	22
198	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2020, 635, L12.	5.1	22

#	ARTICLE	IF	CITATIONS
199	Early COMEON+ adaptive optics observation of GQ Lupi and its substellar companion. <i>Astronomy and Astrophysics</i> , 2006, 453, 609-614.	5.1	22
200	First NACO observations of the Brown Dwarf LHS 2397aB. <i>Astronomy and Astrophysics</i> , 2003, 411, 157-160.	5.1	21
201	Atmosphere-like turbulence generation with surface-etched phase-screens. <i>Optics Express</i> , 2006, 14, 10139.	3.4	21
202	Dynamical models to explain observations with SPHERE in planetary systems with double debris belts. <i>Astronomy and Astrophysics</i> , 2018, 611, A43.	5.1	21
203	Resolved Hubble space spectroscopy of ultracool binary systems. <i>Astronomy and Astrophysics</i> , 2006, 456, 253-259.	5.1	21
204	CHARACTERIZATION OF THE BENCHMARK BINARY NLTT 33370. <i>Astrophysical Journal</i> , 2014, 783, 27.	4.5	20
205	Near-infrared imaging polarimetry of LkCa 15: A possible warped inner disk. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, .	2.5	19
206	HD 77407 and Gl 577: Two new young stellar binaries. <i>Astronomy and Astrophysics</i> , 2004, 417, 1031-1038.	5.1	19
207	Follow-up observations of binary ultra-cool dwarfs. <i>Astronomy and Astrophysics</i> , 2008, 481, 757-767.	5.1	19
208	The Peak Brightness and Spatial Distribution of Asymptotic Giant Branch Stars Near the Nucleus of M32. <i>Astrophysical Journal</i> , 2000, 545, L89-L92.	4.5	19
209	GRAVITY: the adaptive-optics-assisted two-object beam combiner instrument for the VLTI. , 2006, , .		18
210	INFRARED NARROWBAND TOMOGRAPHY OF THE LOCAL STARBURST NGC 1569 WITH THE LARGE BINOCULAR TELESCOPE/LUCIFER. <i>Astronomical Journal</i> , 2011, 141, 132.	4.7	18
211	Submilliarcsecond Optical Interferometry of the High-mass X-Ray Binary BP Cru with VLTI/GRAVITY. <i>Astrophysical Journal</i> , 2017, 844, 72.	4.5	18
212	Single-mode waveguides for GRAVITY. <i>Astronomy and Astrophysics</i> , 2018, 614, A70.	5.1	18
213	A dusty benchmark brown dwarf near the ice line of HD 72946. <i>Astronomy and Astrophysics</i> , 2020, 633, L2.	5.1	18
214	The Star-forming Region NGC 346 in the Small Magellanic Cloud with Hubble Space Telescope/ACS Observations. II. Photometric Study of the Intermediate-Age Star Cluster BS 90. <i>Astrophysical Journal</i> , 2007, 664, 322-331.	4.5	18
215	TESTING THE MODELS: NIR IMAGING AND SPECTROSCOPY OF THE BENCHMARK T-DWARF BINARY Eps Indi B. <i>Astrophysical Journal</i> , 2009, 695, 788-792.	4.5	17
216	Orbital and spectral characterization of the benchmark T-type brown dwarf HD 19467B. <i>Astronomy and Astrophysics</i> , 2020, 639, A47.	5.1	17

#	ARTICLE	IF	CITATIONS
217	Dynamical masses of M-dwarf binaries in young moving groups. <i>Astronomy and Astrophysics</i> , 2018, 618, A23.	5.1	17
218	Dense Molecular Gas in a Young Cluster around MWC 1080: Rule of the Massive Star. <i>Astrophysical Journal</i> , 2008, 673, 315-330.	4.5	16
219	Imaging search for the unseen companion to $\hat{\mu}$ Ind A - improving the detection limits with 4 $\hat{1}$ / ₄ m observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 377-384.	4.4	16
220	Imaging radial velocity planets with SPHERE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 35-48.	4.4	16
221	A relation between the radial velocity dispersion of young clusters and their age. <i>Astronomy and Astrophysics</i> , 2021, 645, L10.	5.1	16
222	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 655, A73.	5.1	16
223	A new VLT surface map of Titan at 1.575 microns. <i>Astronomy and Astrophysics</i> , 2004, 421, L17-L20.	5.1	16
224	Near-infrared Subarcsecond Observations of Ultracompact H ii Regions. <i>Astrophysical Journal</i> , Supplement Series, 2004, 155, 123-148.	7.7	15
225	The Initial Mass Function toward the Low-Mass End in the Large Magellanic Cloud with Hubble Space Telescope WFC2 Observations. <i>Astrophysical Journal</i> , 2005, 623, 846-859.	4.5	15
226	The Low-Mass Initial Mass Function of the Field Population in the Large Magellanic Cloud with Hubble Space Telescope WFC2 Observations. <i>Astrophysical Journal</i> , 2006, 641, 838-851.	4.5	15
227	Near-infrared polarimetry of the GG Tauri A binary system. <i>Research in Astronomy and Astrophysics</i> , 2014, 14, 1438-1446.	1.7	15
228	SCEXAO AND GPI BAND PHOTOMETRY AND INTEGRAL FIELD SPECTROSCOPY OF THE YOUNG BROWN DWARF COMPANION TO HD 1160. <i>Astrophysical Journal</i> , 2017, 834, 162.	4.5	15
229	Binarity at the L/T brown dwarf transition. <i>Astronomy and Astrophysics</i> , 2008, 490, 763-768.	5.1	15
230	VLT/NACO adaptive optics imaging of the TY CrA system. <i>Astronomy and Astrophysics</i> , 2003, 406, L51-L54.	5.1	14
231	2MASS J03105986+1648155AB "a new binary at the L/T transition. <i>Astronomy and Astrophysics</i> , 2010, 516, A37.	5.1	14
232	NEAR-IR HIGH-RESOLUTION IMAGING POLARIMETRY OF THE SU Aur DISK: CLUES FOR TIDAL TAILS?. <i>Astrophysical Journal Letters</i> , 2015, 806, L10.	8.3	14
233	Polarimetry and flux distribution in the debris disk around HD 32297. <i>Astronomy and Astrophysics</i> , 2016, 593, A73.	5.1	14
234	Proper motions of molecular hydrogen outflows in the Ophiuchi molecular cloud. <i>Astronomy and Astrophysics</i> , 2013, 553, A41.	5.1	14

#	ARTICLE	IF	CITATIONS
235	A benchmark for multiconjugated adaptive optics: VLT-MAD observations of the young massive cluster Trumpler 14. Monthly Notices of the Royal Astronomical Society, 2011, 418, 949-959.	4.4	13
236	The massive stellar population of W49: A spectroscopic survey. Astronomy and Astrophysics, 2016, 589, A16.	5.1	13
237	VLT/SPHERE astrometric confirmation and orbital analysis of the brown dwarf companion HR 2562 B. Astronomy and Astrophysics, 2018, 615, A177.	5.1	13
238	Single conjugate adaptive optics for the ELT instrument METIS. Experimental Astronomy, 2019, 47, 65-105.	3.7	13
239	Proper Motions in the Knotty, Bipolar Jet in Henize 2-90. Astrophysical Journal, 2002, 573, L123-L127.	4.5	12
240	CONICA design, performance and final laboratory tests. , 2003, , .		12
241	First diffraction limited images at VLT with NAOS and CONICA. , 2003, , .		12
242	GRAVITY: Astrometry on the galactic center and beyond. New Astronomy Reviews, 2009, 53, 301-306.	12.8	12
243	Instrument concept and science case for the mid-IR E-ELT imager and spectrograph METIS. Proceedings of SPIE, 2010, , .	0.8	12
244	DEEP <i>z</i> -BAND OBSERVATIONS OF THE COOLEST Y DWARF. Astrophysical Journal, 2014, 797, 3.	4.5	12
245	NEAR-INFRARED IMAGING POLARIMETRY OF INNER REGION OF GG TAU A DISK. Astronomical Journal, 2017, 153, 7.	4.7	12
246	Lithium-rotation connection in the newly discovered young stellar stream Pscâ€“Eri (Meingast 1). Astronomy and Astrophysics, 2020, 635, L13.	5.1	12
247	GRAVITY <i>K</i> -band spectroscopy of HD 206893 B. Astronomy and Astrophysics, 2021, 652, A57.	5.1	12
248	Recent star formation at low metallicities. The star-forming region NGC 346/N66 in the Small Magellanic Cloud from near-infrared VLT/ISAAC observations. Astronomy and Astrophysics, 2010, 515, A56.	5.1	12
249	The discovery of a very massive star in W49. Astronomy and Astrophysics, 2014, 568, L13.	5.1	12
250	Examining the T Tauri system with SPHERE. Astronomy and Astrophysics, 2015, 578, L9.	5.1	12
251	The discrepancy between dynamical and theoretical mass in the triplet-system 2MASS J10364483+1521394. Astronomy and Astrophysics, 2017, 604, A82.	5.1	12
252	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. Proceedings of SPIE, 2014, , .	0.8	11

#	ARTICLE	IF	CITATIONS
253	GRAVITY Spectro-interferometric Study of the Massive Multiple Stellar System HD 93206 A. <i>Astrophysical Journal</i> , 2017, 845, 57.	4.5	11
254	Hierarchical formation of Westerlund 1: a collapsing cluster with no primordial mass segregation?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1760-1769.	4.4	11
255	Mapping of shadows cast on a protoplanetary disk by a close binary system. <i>Nature Astronomy</i> , 2019, 3, 167-172.	10.1	11
256	A geometric distance to the supermassive black Hole of NGC 3783. <i>Astronomy and Astrophysics</i> , 2021, 654, A85.	5.1	11
257	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 654, A97.	5.1	11
258	Searching for the near-infrared counterpart of Proxima c using multi-epoch high-contrast SPHERE data at VLT. <i>Astronomy and Astrophysics</i> , 2020, 638, A120.	5.1	11
259	Astrometric monitoring of the binary brown dwarf DENIS-PÁ1228.2-1547. <i>Astronomy and Astrophysics</i> , 2004, 428, 205-208.	5.1	11
260	Deep images of the Galactic center with GRAVITY. <i>Astronomy and Astrophysics</i> , 2022, 657, A82.	5.1	11
261	METIS: the Mid-infrared E-ELT Imager and Spectrograph. <i>Proceedings of SPIE</i> , 2008, , .	0.8	10
262	THE SEARCH FOR PLANETARY MASS COMPANIONS TO FIELD BROWN DWARFS WITH<i>HST</i>/NICMOS. <i>Astrophysical Journal</i> , 2010, 724, 1-11.	4.5	10
263	Discovery of a stellar companion to the nearby solar-analogue HDÁ104304. <i>Astronomy and Astrophysics</i> , 2010, 516, A21.	5.1	10
264	The fiber coupler and beam stabilization system of the GRAVITY interferometer. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
265	VLT/SPHERE deep insight of NGCÁ3603Ás core: Segregation or confusion?. <i>Astronomy and Astrophysics</i> , 2016, 588, L7.	5.1	10
266	Accretion-ejection morphology of the microquasar SS 433 resolved at sub-au scale. <i>Astronomy and Astrophysics</i> , 2017, 602, L11.	5.1	10
267	First resolved observations of a highly asymmetric debris disc around HD 160305 with VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2019, 626, A95.	5.1	10
268	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system<i>(Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2015, 579, C2.	5.1	10
269	Orbits versus Star Formation Histories: A Progress Report. <i>Symposium - International Astronomical Union</i> , 1999, 192, 447-450.	0.1	9
270	Resolving the L/T transition binary SDSS J2052-1609ÁAB. <i>Astronomy and Astrophysics</i> , 2011, 525, A123.	5.1	9

#	ARTICLE	IF	CITATIONS
271	GRAVITY Coud� Infrared Adaptive Optics (CIAO) system for the VLT Interferometer. Proceedings of SPIE, 2012, , .	0.8	9
272	The beam combiners of Gravity VLTI instrument: concept, development, and performance in laboratory. Proceedings of SPIE, 2014, , .	0.8	9
273	The metrology system of the VLTI instrument GRAVITY. , 2016, , .		9
274	A RESOLVED NEAR-INFRARED IMAGE OF THE INNER CAVITY IN THE GM Aur TRANSITIONAL DISK^{âˆ—}. Astrophysical Journal Letters, 2016, 831, L7.	8.3	9
275	Multi-epoch observations with high spatial resolution of multiple T Tauri systems. Astronomy and Astrophysics, 2017, 603, A74.	5.1	9
276	GRAVITY: Microarcsecond Astrometry and Deep Interferometric Imaging with the VLT. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 361-365.	0.3	9
277	The search for disks or planetary objects around directly imaged companions: a candidate around DH Tauri B. Astronomy and Astrophysics, 2020, 641, A131.	5.1	9
278	Near-infrared wavefront sensing for the VLT interferometer. , 2008, , .		8
279	The integrated optics beam combiner assembly of the GRAVITY/VLTI instrument. , 2012, , .		8
280	Multiple episodes of star formation in the CN15/16/17 molecular complex. Astronomy and Astrophysics, 2012, 542, A74.	5.1	8
281	Indications of M-dwarf deficits in the halo and thick disk of the Galaxy. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	8
282	High-contrast Polarimetry Observation of the T Tau Circumstellar Environment. Astrophysical Journal, 2018, 861, 133.	4.5	8
283	Near-infrared spectroscopy of the massive stellar population of W51: evidence for multi-seeded star formation. Astronomy and Astrophysics, 2019, 624, A63.	5.1	8
284	A multiwavelength analysis of the spiral arms in the protoplanetary disk around WaOph 6. Astronomy and Astrophysics, 2021, 654, A35.	5.1	8
285	ADONIS observations of hard X-ray emitting late B-type stars in Lindroos systems. Astronomy and Astrophysics, 2001, 373, 657-664.	5.1	8
286	A direct and differential imaging search for sub-stellar companions to ĩu Indi A. Astronomy and Astrophysics, 2007, 461, 665-668.	5.1	8
287	Single conjugate adaptive optics for METIS. , 2018, , .		8
288	Probing the Substellar Regime with SIRTf. Publications of the Astronomical Society of the Pacific, 2001, 113, 529-536.	3.1	7

#	ARTICLE	IF	CITATIONS
289	The MPIA multipurpose laboratory atmospheric turbulence simulator MAPS. , 2006, , .		7
290	The fringe detection laser metrology for the GRAVITY interferometer at the VLTI. , 2010, , .		7
291	PRE-MAIN-SEQUENCE STELLAR POPULATIONS ACROSS SHAPLEY CONSTELLATION III. I. PHOTOMETRIC ANALYSIS AND IDENTIFICATION,. Astrophysical Journal, 2011, 738, 137.	4.5	7
292	METIS: the thermal infrared instrument for the E-ELT. , 2012, , .		7
293	GCIRS 7, a pulsating M1 supergiant at the Galactic centre. Astronomy and Astrophysics, 2014, 568, A85.	5.1	7
294	The young binary HDâ€™102077: Orbit, spectral type, kinematics, and moving group membership. Astronomy and Astrophysics, 2014, 564, A10.	5.1	7
295	The outer disks of Herbig stars from the UV to NIR. Astrophysics and Space Science, 2015, 355, 253-266.	1.4	7
296	CONSTRAINING THE MOVEMENT OF THE SPIRAL FEATURES AND THE LOCATIONS OF PLANETARY BODIES WITHIN THE AB AUR SYSTEM. Astrophysical Journal, 2016, 828, 2.	4.5	7
297	A Radial velocity survey of spatially resolved young, low-mass binaries. Astronomy and Astrophysics, 2018, 618, A5.	5.1	7
298	A VLBI study of the wind-wind collision region in the massive multiple HD 167971. Astronomy and Astrophysics, 2019, 624, A55.	5.1	7
299	Investigating three Sirius-like systems with SPHERE. Astronomy and Astrophysics, 2021, 646, A61.	5.1	7
300	GRAVITY: The AO-Assisted, Two-Object Beam-Combiner Instrument for the VLTI. , 2007, , 431-444.		7
301	Integral field spectroscopy of L449-1. Astronomy and Astrophysics, 2008, 478, 597-603.	5.1	7
302	Deep infrared imaging and spectroscopy of the nearby late M-dwarf DENIS-P J104814 â€™395606. Astronomische Nachrichten, 2002, 323, 447-452.	1.2	6
303	Dimensioning the Gravity adaptive optics wavefront sensor. Proceedings of SPIE, 2010, , .	0.8	6
304	GRAVITY: design and performance of the fringe tracker. , 2010, , .		6
305	GRAVITY: the calibration unit. Proceedings of SPIE, 2014, , .	0.8	6
306	The fundamental stellar parameters of FGK stars in the SEEDS survey Norman, OK 73071, USA. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1736-1752.	4.4	6

#	ARTICLE	IF	CITATIONS
307	GRAVITY chromatic imaging of $\hat{\iota}$ -Carinae's core. <i>Astronomy and Astrophysics</i> , 2018, 618, A125.	5.1	6
308	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 655, A112.	5.1	6
309	Search for giant planets around seven white dwarfs in the Hyades cluster with the Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3920-3925.	4.4	6
310	Multiplicity of Nearby Free-floating Late M and L Dwarfs: HST-WFPC2 Observations of Candidates and Bona Fide Binary Brown Dwarfs. <i>Symposium - International Astronomical Union</i> , 2003, 211, 245-248.	0.1	5
311	The GRAVITY acquisition and guiding system. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
312	Optimizing the transmission of the GRAVITY/VLTI near-infrared wavefront sensor. , 2012, , .		5
313	The final design of the GRAVITY acquisition camera and associated VLTI beam monitoring strategy. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
314	Characterization of the transmitted near-infrared wavefront error for the GRAVITY/VLTI Coude Infrared Adaptive Optics System. <i>Optics Express</i> , 2013, 21, 9069.	3.4	5
315	NEAR-IR POLARIZED SCATTERED LIGHT IMAGERY OF THE DoAr 28 TRANSITIONAL DISK. <i>Astronomical Journal</i> , 2015, 150, 86.	4.7	5
316	SEEDS DIRECT IMAGING OF THE RV-DETECTED COMPANION TO V450 ANDROMEDAE, AND CHARACTERIZATION OF THE SYSTEM. <i>Astrophysical Journal</i> , 2016, 832, 33.	4.5	5
317	Dynamical masses of M -dwarf binaries in young moving groups. <i>Astronomy and Astrophysics</i> , 2018, 620, A33.	5.1	5
318	Subaru Near-infrared Imaging Polarimetry of Misaligned Disks around the SR 24 Hierarchical Triple System*. <i>Astronomical Journal</i> , 2020, 159, 12.	4.7	5
319	The young stellar content of the giant H II regions M 8, G333.6 \pm 0.2, and NGC 6357 with VLT/KMOS. <i>Astronomy and Astrophysics</i> , 2020, 633, A155.	5.1	5
320	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 645, A50.	5.1	5
321	Binary Search Among X-ray Active Stars South of the Taurus Molecular Cloud.. <i>Astronomical Journal</i> , 1997, 114, 1555.	4.7	5
322	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2020, 642, A162.	5.1	5
323	High-contrast, high-angular resolution view of the GJ367 exoplanet system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 661-669.	4.4	5
324	Suppressing Speckle Noise for Simultaneous Differential Extrasolar Planet Imaging (SDI) at the VLT and MMT. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 571-576.	0.0	4

#	ARTICLE	IF	CITATIONS
325	Ultracool dwarf binaries. <i>Astronomische Nachrichten</i> , 2005, 326, 969-973.	1.2	4
326	Contrast limits with the Simultaneous Differential Extrasolar Planet Imager (SDI) at the VLT and MMT. , 2006, 6272, 786.		4
327	Fringe tracking optimization with 4 beams: application to GRAVITY. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
328	Fringe detection laser metrology for differential astrometric stellar interferometers. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
329	The GRAVITY spectrometers: optical design and principle of operation. <i>Proceedings of SPIE</i> , 2010, , .	0.8	4
330	GRAVITY: beam stabilization and light injection subsystems. , 2012, , .		4
331	Lucky Imaging in Astronomy. <i>Astrophysics and Space Science Library</i> , 2016, , 1-16.	2.7	4
332	CIAO: wavefront sensors for GRAVITY. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
333	System tests and on-sky commissioning of the GRAVITY-CIAO wavefront sensors. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
334	Characterization of close visual binaries from the AstraLux Large M Dwarf Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2576-2585.	4.4	4
335	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 648, A37.	5.1	4
336	Constraints on the nearby exoplanet μ Indi Ab from deep near- and mid-infrared imaging limits. <i>Astronomy and Astrophysics</i> , 2021, 651, A89.	5.1	4
337	A Hubble View of Star Forming Regions in the Magellanic Clouds. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 71-75.	0.3	4
338	Pre-main-sequence Stars in the SMC and LMC. <i>Symposium - International Astronomical Union</i> , 1999, 190, 366-367.	0.1	3
339	The science case of the CHEOPS planet finder for VLT. , 2004, , .		3
340	High-resolution AO monitoring of Kelu-1 AB. , 2009, , .		3
341	The orbital motion of the Arches cluster: clues on cluster formation near the Galactic Center. <i>Astrophysics and Space Science</i> , 2009, 324, 137-140.	1.4	3
342	GRAVITY spectrometer: metrology laser blocking strategy at OD=12. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
343	Signatures of strong gravity with GRAVITY. Proceedings of SPIE, 2010, , .	0.8	3
344	The Fiber Coupler subsystem of the future VLTI instrument GRAVITY. , 2010, , .		3
345	The GRAVITY spectrometers: optical design and first light. Proceedings of SPIE, 2014, , .	0.8	3
346	A substellar companion to Pleiadesâ€™3441. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	3
347	MOLsphere and pulsations of the Galactic Centerâ€™s red supergiant GCIRS 7 from VLTI/GRAVITY. Astronomy and Astrophysics, 2021, 651, A37.	5.1	3
348	High-resolution Near-infrared Polarimetry and Submillimeter Imaging of FS Tau A: Possible Streamers in Misaligned Circumbinary Disk System. Astrophysical Journal, 2020, 889, 140.	4.5	3
349	Improving GRAVITY towards observations of faint targets. , 2018, , .		3
350	30 Doradus: The Low-Mass Stars. Symposium - International Astronomical Union, 1999, 190, 222-226.	0.1	2
351	Multiplicity in T and OB Associations. Symposium - International Astronomical Union, 2001, 200, 147-154.	0.1	2
352	The GRAVITY spectrometers: optical design. , 2012, , .		2
353	The GRAVITY spectrometers: system design. Proceedings of SPIE, 2012, , .	0.8	2
354	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. Proceedings of the International Astronomical Union, 2013, 8, 70-71.	0.0	2
355	Radial decoupling of small and large dust grains in the transitional disk RX J1615.3-3255. Astronomy and Astrophysics, 2017, 597, A132.	5.1	2
356	Infrared Wavefront Sensing for Adaptive Optics Assisted Galactic Center Observations with the VLT Interferometer and GRAVITY: Operation and Results. Instruments, 2020, 4, 20.	1.8	2
357	The wind and the magnetospheric accretion onto the T Tauri star S Coronae Australis at sub-au resolution. Astronomy and Astrophysics, 2017, 608, A78.	5.1	2
358	Pre-Main Sequence Binaries: The ESO Imaging Survey. International Astronomical Union Colloquium, 1992, 135, 50-59.	0.1	1
359	Polarimetry with adaptive optics at ESO Very Large Telescope (Yepun). , 2003, 4843, 212.		1
360	Adaptive Optics Imaging of Circumstellar Environments. Symposium - International Astronomical Union, 2004, 221, 307-312.	0.1	1

#	ARTICLE	IF	CITATIONS
361	Simulations versus observations obtained with simultaneous differential imaging. , 2004, , .		1
362	Search for giant extrasolar planets around white dwarfs: direct imaging with NICMOS/HST and NACO/VLT. Proceedings of the International Astronomical Union, 2005, 1, 19-24.	0.0	1
363	Opto-mechanical design of the spectrometers of GRAVITY: the 6-Baseline K-Band Interferometer for the VLT. , 2008, , .		1
364	Characterization of Exoplanets and Protoplanetary Disks with the proposed E-ELT Instrument METIS. , 2009, , .		1
365	High-Resolution Imaging of Transiting Exoplanet Host Stars with AstraLux. , 2009, , .		1
366	Dynamical masses for the nearest brown dwarf binary: μ Indi Ba,b. Proceedings of the International Astronomical Union, 2009, 5, 761-761.	0.0	1
367	Lucky Imaging Survey for Binary Exoplanet Hosts. Proceedings of the International Astronomical Union, 2011, 7, 193-194.	0.0	1
368	The GRAVITY spectrometers: metrology laser blocking system. Proceedings of SPIE, 2012, , .	0.8	1
369	The GRAVITY/VLT acquisition camera software. Proceedings of SPIE, 2014, , .	0.8	1
370	The GRAVITY spectrometers: optical qualification. Proceedings of SPIE, 2014, , .	0.8	1
371	The GRAVITY metrology system: modeling a metrology in optical fibers. Proceedings of SPIE, 2014, , .	0.8	1
372	Telescope birefringence and phase errors in the Gravity instrument at the VLT interferometer. Proceedings of SPIE, 2014, , .	0.8	1
373	GRAVITY: the impact of non-common optical paths within the metrology system. Proceedings of SPIE, 2014, , .	0.8	1
374	Integration and testing of the GRAVITY infrared camera for multiple telescope optical beam analysis. Proceedings of SPIE, 2014, , .	0.8	1
375	GRAVITY acquisition camera: characterization results. , 2016, , .		1
376	What we learn from TGAS about the moving groups of the Solar neighbourhood. Proceedings of the International Astronomical Union, 2017, 12, 214-215.	0.0	1
377	The discrepancy between dynamical and theoretical mass in the triplet-system 2MASS J10364483+1521394 (<i>Corrigendum</i>). Astronomy and Astrophysics, 2018, 618, C6.	5.1	1
378	Direct Imaging and Spectroscopy of Substellar Companions Next to Young Nearby Stars in TWA. , 0, , 383-390.		1

#	ARTICLE	IF	CITATIONS
379	Lithium-rotation connection in the newly discovered young stellar stream Psc-Eri (Meingast 1) (<i>Corrigendum</i>). <i>Astronomy and Astrophysics</i> , 2020, 640, C2.	5.1	1
380	Testing P-REx on VLTI data. , 2020, , .		1
381	The outer orbit of the high-mass stellar triple system Herschel 36 determined with the VLTI. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	1
382	HST/NICMOS Survey in the 30 Doradus Nebular Filaments. <i>Symposium - International Astronomical Union</i> , 1999, 190, 245-246.	0.1	0
383	Recent Star Formation History of the Magellanic Clouds. <i>Symposium - International Astronomical Union</i> , 1999, 190, 470-472.	0.1	0
384	The Kinematic Structure of the Supergiant Shell LMC 2. <i>Symposium - International Astronomical Union</i> , 1999, 190, 156-157.	0.1	0
385	NGC 3603 "a Local Template for Massive Young Clusters. <i>Symposium - International Astronomical Union</i> , 2002, 207, 126-128.	0.1	0
386	Infrared Imaging of the Arches Cluster - Adaptive Optics in the Densest Region of the Milky Way. <i>Symposium - International Astronomical Union</i> , 2002, 207, 132-134.	0.1	0
387	The Infrared Luminosity Function in the 30 Dor Cluster. <i>Symposium - International Astronomical Union</i> , 2002, 207, 531-538.	0.1	0
388	Evolution of Circumstellar Disks: Lessons from the VLT and ISO. , 2003, , .		0
389	A Census of Brown Dwarf Binaries. <i>Symposium - International Astronomical Union</i> , 2003, 211, 241-244.	0.1	0
390	Ground-based exoplanet near-infrared search by imaging and spectroscopy: 3 new companion candidates in TWA. <i>Symposium - International Astronomical Union</i> , 2004, 202, 465-467.	0.1	0
391	Adaptive Optics in Star Formation. <i>Symposium - International Astronomical Union</i> , 2004, 221, 323-332.	0.1	0
392	MIDIR/T-OWL: the thermal/mid-IR instrument for the E-ELT. , 2006, , .		0
393	Observational capabilities and technical solutions of a thermal and MIR instrument at E-ELT. , 2006, , .		0
394	Internal dynamics of the NGC 3603 young cluster. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 517-517.	0.0	0
395	The AstraLux large M dwarf survey. , 2009, , .		0
396	Proper-motion studies of Milky Way starburst clusters "a new definition of starburst cluster templates. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 123-128.	0.0	0

#	ARTICLE	IF	CITATIONS
397	Search for cluster candidates in the <scp>ukidss</scp> database. Proceedings of the International Astronomical Union, 2009, 5, 400-400.	0.0	0
398	Physical Properties of Binary Brown Dwarfs. Proceedings of the International Astronomical Union, 2009, 5, 757-757.	0.0	0
399	Proper-motion measurements in the Quintuplet cluster. Proceedings of the International Astronomical Union, 2009, 5, 422-422.	0.0	0
400	The GRAVITY spectrometers: mechanical design. Proceedings of SPIE, 2010, , .	0.8	0
401	Stellar companions to exoplanet host stars with Astralux. Proceedings of the International Astronomical Union, 2010, 6, 397-398.	0.0	0
402	Prototyping and testing of mechanical components for the GRAVITY spectrometers. , 2010, , .		0
403	The AstraLux Binary M Dwarfs Survey. Proceedings of the International Astronomical Union, 2011, 7, 460-461.	0.0	0
404	A linear displacement mechanism for the GRAVITY spectrometers. Proceedings of SPIE, 2012, , .	0.8	0
405	Surface figure measurement of flat mirrors based on the subaperture stitching interferometry. , 2012, , .		0
406	The GRAVITY instrument software/high-level software. , 2014, , .		0
407	The GRAVITY metrology system: narrow-angle astrometry via phase-shifting interferometry. Proceedings of SPIE, 2014, , .	0.8	0
408	Integration and bench testing for the GRAVITY Coud� IR adaptive optics (CIAO) wavefront sensor. , 2014, , .		0
409	The GRAVITY instrument software/hardware related aspects. Proceedings of SPIE, 2014, , .	0.8	0
410	Phase tracking with differential dispersion. , 2014, , .		0
411	The GRAVITY spectrometers: thermal behaviour. , 2014, , .		0
412	The interferometric baselines and GRAVITY astrometric error budget. Proceedings of SPIE, 2014, , .	0.8	0
413	The GRAVITY spectrometers: design report of the optomechanics and active cryogenic mechanisms. , 2014, , .		0
414	Near-infrared aberration tracking using a correlation algorithm on the Galactic Center. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
415	Multiplicity of Young Brown Dwarfs in Cha I. Globular Clusters - Guides To Galaxies, 2002, , 127-132.	0.1	0
416	The Evolution of Circumstellar Disks: Lessons from the VLT and ISO. Globular Clusters - Guides To Galaxies, 2002, , 331-336.	0.1	0
417	Age Spread in Galactic Star Forming Region W3 Main. Thirty Years of Astronomical Discovery With UKIRT, 2014, , 401-405.	0.3	0
418	Correction of differential chromatic dispersion in GRAVITY. , 2018, , .		0
419	The GRAVITY fringe tracker: correlation between optical path residuals and atmospheric parameters. , 2018, , .		0
420	Learnings from the use of fiber optics in GRAVITY. , 2018, , .		0
421	GIARPS/GRAVITY Survey: Broad-Band 0.44â€“2.4 Micron High-Resolution Spectra of T-Tauri and Herbig AeBe Stars â€“ Combining High Spatial and High Spectral Resolution Data to Unveil the Inner Disc Physics. Thirty Years of Astronomical Discovery With UKIRT, 2019, , 133-138.	0.3	0
422	High-contrast Imaging Study on the Candidate Companions Around the Star AH Lep. Research Notes of the AAS, 2019, 3, 100.	0.7	0
423	Piston reconstruction experiment (P-REx) II. Off-line performance evaluation with VLTI/GRAVITY. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	0
424	Multiplicity of Young Brown Dwarfs in Cha I. , 0, , 127-133.		0
425	The Evolution of Circumstellar Disks: Lessons from the VLT and ISO. , 0, , 331-338.		0
426	High-Contrast Imaging Science with Adaptive Optics. , 0, , 264-266.		0