

# Rainer Schoedel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/193464/publications.pdf>

Version: 2024-02-01

209  
papers

9,649  
citations

46918

47  
h-index

39575

94  
g-index

213  
all docs

213  
docs citations

213  
times ranked

4246  
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.	13.7	896
2	Near-infrared flares from accreting gas around the supermassive black hole at the Galactic Centre. <i>Nature</i> , 2003, 425, 934-937.	13.7	548
3	SINFONI in the Galactic Center: Young Stars and Infrared Flares in the Central Light-Month. <i>Astrophysical Journal</i> , 2005, 628, 246-259.	1.6	532
4	The Stellar Cusp around the Supermassive Black Hole in the Galactic Center. <i>Astrophysical Journal</i> , 2003, 594, 812-832.	1.6	478
5	Stellar Dynamics in the Central Arcsecond of Our Galaxy. <i>Astrophysical Journal</i> , 2003, 596, 1015-1034.	1.6	318
6	A Geometric Determination of the Distance to the Galactic Center. <i>Astrophysical Journal</i> , 2003, 597, L121-L124.	1.6	289
7	Relativistic redshift of the star S0-2 orbiting the Galactic Center supermassive black hole. <i>Science</i> , 2019, 365, 664-668.	6.0	270
8	AN IMPROVED DISTANCE AND MASS ESTIMATE FOR SGR A* FROM A MULTISTAR ORBIT ANALYSIS. <i>Astrophysical Journal</i> , 2016, 830, 17.	1.6	265
9	Earthward flow bursts, auroral streamers, and small expansions. <i>Journal of Geophysical Research</i> , 2001, 106, 10791-10802.	3.3	257
10	The structure of the nuclear stellar cluster of the Milky Way. <i>Astronomy and Astrophysics</i> , 2007, 469, 125-146.	2.1	189
11	The nuclear star cluster of the Milky Way: proper motions and mass. <i>Astronomy and Astrophysics</i> , 2009, 502, 91-111.	2.1	187
12	The Shortest-Known "Period Star Orbiting Our Galaxy's Supermassive Black Hole. <i>Science</i> , 2012, 338, 84-87.	6.0	179
13	Testing General Relativity with Stellar Orbits around the Supermassive Black Hole in Our Galactic Center. <i>Physical Review Letters</i> , 2017, 118, 211101.	2.9	173
14	Peering through the veil: near-infrared photometry and extinction for the Galactic nuclear star cluster. <i>Astronomy and Astrophysics</i> , 2010, 511, A18.	2.1	165
15	The flare activity of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2006, 450, 535-555.	2.1	163
16	First simultaneous NIR/X-ray detection of a flare from Sgr A*. <i>Astronomy and Astrophysics</i> , 2004, 427, 1-11.	2.1	147
17	Polarimetry of near-infrared flares from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2006, 455, 1-10.	2.1	146
18	Stellar orbits near Sagittarius A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 331, 917-934.	1.6	145

#	ARTICLE	IF	CITATIONS
19	Composition of the galactic center star cluster. <i>Astronomy and Astrophysics</i> , 2009, 499, 483-501.	2.1	135
20	Surface brightness profile of the Milky Way's nuclear star cluster. <i>Astronomy and Astrophysics</i> , 2014, 566, A47.	2.1	135
21	Rapid flux transport in the central plasma sheet. <i>Journal of Geophysical Research</i> , 2001, 106, 301-313.	3.3	115
22	The distribution of stars around the Milky Way's central black hole. <i>Astronomy and Astrophysics</i> , 2018, 609, A27.	2.1	104
23	A STRONGLY MAGNETIZED PULSAR WITHIN THE GRASP OF THE MILKY WAY'S SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal Letters</i> , 2013, 775, L34.	3.0	96
24	SOURCE-INTRINSIC NEAR-INFRARED PROPERTIES OF SGR A*: TOTAL INTENSITY MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 18.	3.0	92
25	Large scale kinematics and dynamical modelling of the Milky Way nuclear star cluster. <i>Astronomy and Astrophysics</i> , 2014, 570, A2.	2.1	92
26	Results from an Extensive Simultaneous Broadband Campaign on the Underluminous Active Nucleus M81*: Further Evidence for Mass-scaling Accretion in Black Holes. <i>Astrophysical Journal</i> , 2008, 681, 905-924.	1.6	90
27	The nuclear cluster of the Milky Way: our primary testbed for the interaction of a dense star cluster with a massive black hole. <i>Classical and Quantum Gravity</i> , 2014, 31, 244007.	1.5	77
28	Near-infrared polarimetry setting constraints on the orbiting spot model for Sgr A* flares. <i>Astronomy and Astrophysics</i> , 2006, 460, 15-21.	2.1	75
29	Early formation and recent starburst activity in the nuclear disk of the Milky Way. <i>Nature Astronomy</i> , 2020, 4, 377-381.	4.2	75
30	The Position of Sagittarius A*. II. Accurate Positions and Proper Motions of Stellar SiO Masers near the Galactic Center. <i>Astrophysical Journal</i> , 2003, 587, 208-220.	1.6	74
31	Polarized NIR and X-ray flares from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008, 479, 625-639.	2.1	73
32	The distribution of stars around the Milky Way's central black hole. <i>Astronomy and Astrophysics</i> , 2018, 609, A26.	2.1	72
33	Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008, 492, 337-344.	2.1	69
34	Millimeter to X-ray flares from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2012, 537, A52.	2.1	67
35	KMOS view of the Galactic Centre II. Metallicity distribution of late-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 194-209.	1.6	64
36	The distribution of stars around the Milky Way's central black hole. <i>Astronomy and Astrophysics</i> , 2018, 609, A28.	2.1	63

#	ARTICLE	IF	CITATIONS
37	KMOS view of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2015, 584, A2.	2.1	62
38	A Black Hole in the Galactic Center Complex IRS 13E?. <i>Astrophysical Journal</i> , 2005, 625, L111-L114.	1.6	59
39	K-band polarimetry of an Sgr A* flare with a clear sub-flare structure. <i>Astronomy and Astrophysics</i> , 2006, 458, L25-L28.	2.1	59
40	Unprecedented Near-infrared Brightness and Variability of Sgr A*. <i>Astrophysical Journal Letters</i> , 2019, 882, L27.	3.0	58
41	A 600 Minute Near-Infrared Light Curve of Sagittarius A*. <i>Astrophysical Journal</i> , 2008, 688, L17-L20.	1.6	56
42	The mean infrared emission of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2011, 532, A83.	2.1	56
43	Near infrared flares of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2010, 510, A3.	2.1	54
44	GALACTICNUCLEUS: A high angular resolution imaging survey of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2018, 610, A83.	2.1	54
45	Rapid flux transport and plasma sheet reconfiguration. <i>Journal of Geophysical Research</i> , 2001, 106, 8381-8390.	3.3	51
46	LUMINOSITY-VARIATION INDEPENDENT LOCATION OF THE CIRCUM-NUCLEAR, HOT DUST IN NGC 4151. <i>Astrophysical Journal</i> , 2010, 715, 736-742.	1.6	48
47	The Milky Way's nuclear star cluster: Old, metal-rich, and cuspy. <i>Astronomy and Astrophysics</i> , 2020, 641, A102.	2.1	48
48	First proper motions of thin dust filaments at the Galactic center. <i>Astronomy and Astrophysics</i> , 2007, 469, 993-1002.	2.1	47
49	Modeling mm- to X-ray flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2009, 500, 935-946.	2.1	47
50	On the orientation of the Sagittarius A* system. <i>Astronomy and Astrophysics</i> , 2007, 473, 707-710.	2.1	46
51	Comet-shaped sources at the Galactic center. <i>Astronomy and Astrophysics</i> , 2010, 521, A13.	2.1	45
52	A POWER-LAW BREAK IN THE NEAR-INFRARED POWER SPECTRUM OF THE GALACTIC CENTER BLACK HOLE. <i>Astrophysical Journal</i> , 2009, 694, L87-L91.	1.6	43
53	New constraints on the structure of the nuclear stellar cluster of the Milky Way from star counts and MIR imaging. <i>Astronomy and Astrophysics</i> , 2020, 634, A71.	2.1	43
54	L- and M-band imaging observations of the Galactic Center region. <i>Astronomy and Astrophysics</i> , 2005, 433, 117-125.	2.1	43

#	ARTICLE	IF	CITATIONS
55	MAGNETICALLY CONFINED INTERSTELLAR HOT PLASMA IN THE NUCLEAR BULGE OF OUR GALAXY. <i>Astrophysical Journal Letters</i> , 2013, 769, L28.	3.0	42
56	Weighing the cusp at the Galactic Centre. <i>Astronomische Nachrichten</i> , 2005, 326, 83-95.	0.6	41
57	The instrumental polarization of the Nasmyth focus polarimetric differential imager NAOS/CONICA (NACO) at the VLT. <i>Astronomy and Astrophysics</i> , 2011, 525, A130.	2.1	41
58	Triaxial orbit-based modelling of the Milky Way Nuclear Star Cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3377.	1.6	41
59	Kinetics and reactor modeling of a Pd-Ag/Al <sub>2</sub> O <sub>3</sub> catalyst during selective hydrogenation of ethyne. <i>Applied Catalysis A: General</i> , 2012, 445-446, 107-120.	2.2	40
60	GALACTICNUCLEUS: A high-angular-resolution <i>JHKs</i> imaging survey of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2019, 631, A20.	2.1	38
61	Dust embedded sources at the Galactic Center. <i>Astronomy and Astrophysics</i> , 2004, 425, 529-542.	2.1	37
62	Holographic imaging of crowded fields: high angular resolution imaging with excellent quality at very low cost. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1367-1375.	1.6	35
63	The infrared L'-band view of the Galactic Center with NAOS-CONICA at VLT. <i>Astronomy and Astrophysics</i> , 2004, 417, L15-L19.	2.1	35
64	Dusty Sources at the Galactic Center the <i>K</i> -Band Views with VISIR. <i>Astrophysical Journal</i> , 2006, 642, 861-867.	1.6	33
65	The extreme luminosity states of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2010, 512, A2.	2.1	32
66	The low-mass content of the massive young star cluster RCW 38. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3699-3712.	1.6	32
67	Star formation history and metallicity in the Galactic inner bulge revealed by the red giant branch bump. <i>Astronomy and Astrophysics</i> , 2018, 620, A83.	2.1	32
68	Are earthward bursty bulk flows convective or field-aligned?. <i>Journal of Geophysical Research</i> , 2001, 106, 21211-21215.	3.3	31
69	Accurate photometry with adaptive optics in the presence of anisoplanatic effects with a sparsely sampled PSF. <i>Astronomy and Astrophysics</i> , 2010, 509, A58.	2.1	31
70	Reactivation of Coked H-ZSM-5 by Treatment with Hydrogen and Alkanes. <i>Journal of Catalysis</i> , 1996, 164, 146-151.	3.1	30
71	The Post-periastron Evolution of Galactic Center Source G1: The Second Case of a Resolved Tidal Interaction with a Supermassive Black Hole. <i>Astrophysical Journal</i> , 2017, 847, 80.	1.6	30
72	COMPACT RADIO SOURCES WITHIN 30'' OF SGR A*: PROPER MOTIONS, STELLAR WINDS, AND THE ACCRETION RATE ONTO SGR A*. <i>Astrophysical Journal</i> , 2015, 809, 10.	1.6	29

#	ARTICLE	IF	CITATIONS
73	IRS13N: a new comoving group of sources at the Galactic center. <i>Astronomy and Astrophysics</i> , 2008, 482, 173-178.	2.1	29
74	The possibility of detecting Sagittarius A* at 8.6 $\mu\text{m}$ from sensitive imaging of the Galactic center. <i>Astronomy and Astrophysics</i> , 2007, 462, L1-L4.	2.1	28
75	The Galactic Center: Improved Relative Astrometry for Velocities, Accelerations, and Orbits near the Supermassive Black Hole. <i>Astrophysical Journal</i> , 2019, 873, 9.	1.6	28
76	RADIO CONTINUUM OBSERVATIONS OF THE GALACTIC CENTER: PHOTOEVAPORATIVE PROPLYD-LIKE OBJECTS NEAR SGR A*. <i>Astrophysical Journal Letters</i> , 2015, 801, L26.	3.0	27
77	Detailed Abundances in the Galactic Center: Evidence of a Metal-rich Alpha-enhanced Stellar Population. <i>Astrophysical Journal</i> , 2020, 894, 26.	1.6	27
78	VLT-band mapping of the Galactic center IRS3-IRS13 region. <i>Astronomy and Astrophysics</i> , 2005, 443, 163-173.	2.1	26
79	Self-consistent modelling of the Milky Way's nuclear stellar disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1857-1884.	1.6	26
80	Continuum emission in NGC1068 and NGC3147: indications for a turnover in the core spectra. <i>Astronomy and Astrophysics</i> , 2006, 446, 113-120.	2.1	25
81	Coordinated NIR/mm observations of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2010, 517, A46.	2.1	24
82	Variability of the near-infrared extinction curve towards the Galactic centre. <i>Astronomy and Astrophysics</i> , 2019, 630, L3.	2.1	24
83	Detection of the Sgr A* activity at 3.8 and 4.8 $\mu\text{m}$ with NACO. <i>Astronomy and Astrophysics</i> , 2004, 424, L21-L25.	2.1	24
84	The near-infrared spectral index of Sagittarius A* derived from <i>K<sub>s</sub></i> - and <i>H</i> -band flare statistics. <i>Astronomy and Astrophysics</i> , 2011, 532, A26.	2.1	23
85	Young, massive star candidates detected throughout the nuclear star cluster of the Milky Way. <i>Astronomy and Astrophysics</i> , 2013, 549, A57.	2.1	23
86	Near-infrared variability study of the central $2.3''$ – $2.3''$ of the Galactic Centre II. Identification of RR Lyrae stars in the Milky Way nuclear star cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3617-3631.	1.6	23
87	The nuclear stellar disc of the Milky Way: A dynamically cool and metal-rich component possibly formed from the central molecular zone. <i>Astronomy and Astrophysics</i> , 2021, 650, A191.	2.1	23
88	Near-infrared polarimetry as a tool for testing properties of accreting supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 322-332.	1.6	22
89	GALACTICNUCLEUS: A high angular-resolution <i>JHK<sub>s</sub></i> imaging survey of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2020, 641, A141.	2.1	22
90	Asymmetric spatial distribution of subsolar metallicity stars in the Milky Way nuclear star cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 396-410.	1.6	21

#	ARTICLE	IF	CITATIONS
91	The Galactic centre mini-spiral in the mm-regime. <i>Astronomy and Astrophysics</i> , 2012, 538, A127.	2.1	20
92	First results from SPIFFI. I: The Galactic Center. <i>Astronomische Nachrichten</i> , 2004, 325, 88-91.	0.6	19
93	The millimetre variability of M <sup>81</sup> ∗. <i>Astronomy and Astrophysics</i> , 2007, 463, 551-557.	2.1	19
94	GALACTICNUCLEUS: A high-angular-resolution <i>JHKs</i> imaging survey of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2021, 653, A133.	2.1	19
95	Properties of bow-shock sources at the Galactic center. <i>Astronomy and Astrophysics</i> , 2014, 567, A21.	2.1	19
96	Nearby AGN and their hosts in the near infrared. <i>Astronomy and Astrophysics</i> , 2006, 452, 827-837.	2.1	18
97	<i>M</i> -BAND SPECTRA OF DUST-EMBEDDED SOURCES AT THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 703, 1635-1647.	1.6	18
98	EXTENDED SUBMILLIMETER EMISSION OF THE GALACTIC CENTER AND NEAR-INFRARED/SUBMILLIMETER VARIABILITY OF ITS SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2011, 738, 158.	1.6	18
99	New Catalysts for the Hydrogenation of Glucose to Sorbitol. <i>Chemie-Ingenieur-Technik</i> , 2012, 84, 513-516.	0.4	17
100	SGR A <sup>*</sup> AND ITS ENVIRONMENT: LOW-MASS STAR FORMATION, THE ORIGIN OF X-RAY GAS AND COLLIMATED OUTFLOW. <i>Astrophysical Journal</i> , 2016, 819, 60.	1.6	17
101	Distance and extinction to the Milky Way spiral arms along the Galactic centre line of sight. <i>Astronomy and Astrophysics</i> , 2021, 653, A33.	2.1	17
102	The Galactic Center stellar cluster: The central arcsecond. <i>Astronomische Nachrichten</i> , 2003, 324, 535-541.	0.6	16
103	Probing dark matter crests with white dwarfs and IMBHs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 695-700.	1.6	16
104	The magnetic field in the central parsec of the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 235-245.	1.6	16
105	The enigma of GCIRS <sup>3</sup> . <i>Astronomy and Astrophysics</i> , 2008, 480, 115-131.	2.1	15
106	<i>K<sub>s</sub></i> - and <i>L<sub>p</sub></i> -band polarimetry on stellar and bow-shock sources in the Galactic center. <i>Astronomy and Astrophysics</i> , 2013, 557, A82.	2.1	15
107	The Nuclear Star Cluster and Nuclear Stellar Disk of the Milky Way: Different Stellar Populations and Star Formation Histories. <i>Astrophysical Journal</i> , 2021, 920, 97.	1.6	15
108	Direct detection of the tertiary component in the massive multiple HD 150136 with VLTI. <i>Astronomy and Astrophysics</i> , 2013, 554, L4.	2.1	13

#	ARTICLE	IF	CITATIONS
109	The star formation history in the M31 bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5379-5403.	1.6	13
110	NEAR-INFRARED POLARIMETRY OF FLARES FROM Sgr A* WITH SUBARU/CIAO. <i>Astrophysical Journal</i> , 2009, 702, L56-L60.	1.6	13
111	First diffraction limited images at VLT with NAOS and CONICA. , 2003, , .		12
112	Compact mid-IR sources east of Galactic Center source IRS5. <i>Astronomy and Astrophysics</i> , 2008, 478, 127-135.	2.1	12
113	The Position, Motion, and Mass of Sgr A*. <i>Astronomische Nachrichten</i> , 2003, 324, 505-511.	0.6	11
114	GRAVITY Spectro-interferometric Study of the Massive Multiple Stellar System HD 93206 A. <i>Astrophysical Journal</i> , 2017, 845, 57.	1.6	11
115	Consistency of the Infrared Variability of SGR A* over 22 yr. <i>Astrophysical Journal Letters</i> , 2019, 882, L28.	3.0	11
116	First results from a large-scale proper motion study of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2019, 632, A116.	2.1	11
117	A KMOS survey of the nuclear disk of the Milky Way. <i>Astronomy and Astrophysics</i> , 2021, 649, A83.	2.1	11
118	Near-infrared spectroscopic observations of massive young stellar object candidates in the central molecular zone. <i>Astronomy and Astrophysics</i> , 2018, 609, A109.	2.1	11
119	The nuclear star cluster of the Milky Way. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012044.	0.3	10
120	Adaptive-optics assisted near-infrared polarization measurements of sources in the Galactic center. <i>Astronomy and Astrophysics</i> , 2011, 534, A117.	2.1	10
121	The 2014 interferometric imaging beauty contest. , 2014, , .		10
122	ALMA and VLA observations of emission from the environment of Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4209-4221.	1.6	10
123	Near-infrared variability study of the central 2.3''–2.3'' of the Galactic Centre I. Catalogue of variable sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3427-3452.	1.6	10
124	Spectroscopically identified intermediate age stars at 0.5–3 pc distance from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2016, 588, A49.	2.1	10
125	Resolving the stellar components of the massive multiple system Herschel 36 with AMBER/VLTI. <i>Astronomy and Astrophysics</i> , 2014, 572, L1.	2.1	10
126	GCIRS34W: an irregular variable in the Galactic Centre. <i>Astronomy and Astrophysics</i> , 2006, 448, 305-311.	2.1	10



#	ARTICLE	IF	CITATIONS
127	A proper motion catalogue for the Milky Way's nuclear stellar disc. <i>Astronomy and Astrophysics</i> , 2022, 662, A11.	2.1	10
128	Bursts of fast magnetotail flux transport. <i>Advances in Space Research</i> , 2002, 30, 2241-2246.	1.2	9
129	Coordinated multi-wavelength observations of Sgr A*. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012002.	0.3	9
130	An evolving hot spot orbiting around Sgr A*. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012008.	0.3	9
131	Distance to three molecular clouds in the central molecular zone. <i>Astronomy and Astrophysics</i> , 2021, 647, L6.	2.1	9
132	Status and new operation modes of the versatile VLT/NaCo. <i>Proceedings of SPIE</i> , 2010, , .	0.8	8
133	Stagnant Shells in the Vicinity of the Dusty Wolf-Rayet OB Binary WR 112. <i>Astrophysical Journal Letters</i> , 2017, 835, L31.	3.0	8
134	IRTF/TEXES observations of the H <sub>ii</sub> regions H1 and H2 in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 561-575.	1.6	8
135	Scientific Prospects for VLTI in the Galactic Centre: Getting to the Schwarzschild Radius. , 2007, , 313-317.		8
136	First VLTI infrared spectro-interferometry on GCIRS 7. <i>Astronomy and Astrophysics</i> , 2008, 487, 413-418.	2.1	8
137	The storm time central plasma sheet. <i>Annales Geophysicae</i> , 2002, 20, 1737-1741.	0.6	8
138	A VLBI study of the wind-wind collision region in the massive multiple HD 167971. <i>Astronomy and Astrophysics</i> , 2019, 624, A55.	2.1	7
139	Radio observations of massive stars in the Galactic centre: The Arches Cluster. <i>Astronomy and Astrophysics</i> , 2021, 647, A110.	2.1	7
140	Multi-wavelength and polarimetric observations of Sagittarius A*. <i>Journal of Physics: Conference Series</i> , 2006, 54, 391-398.	0.3	6
141	Number density distribution of near-infrared sources on a sub-degree scale in the Galactic center: Comparison with the Fe K $\pm$ line at 6.7 keV. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	1.0	6
142	Making bright giants invisible at the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 250-255.	1.6	6
143	Untersuchungen an oxidischen Katalysatoren. XVI. $\frac{1}{2}$ ber Zusammensetzung und Struktur dotierter Zinkoxidkatalysatoren. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1974, 405, 19-32.	0.6	5
144	Radial velocity measurements of an orbiting star around Sgr A*. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	5

#	ARTICLE	IF	CITATIONS
145	Mid-infrared Studies of Dusty Sources in the Galactic Center. <i>Astrophysical Journal</i> , 2022, 929, 178.	1.6	5
146	Untersuchungen an Oxidischen Katalysatoren. XXX [1] Charakterisierung der Me <sub>2</sub> <sup>+</sup> -Kationenlokalisierung in CaNaY-, MgNaY- und CaMgNaY-Zeolithen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1980, 461, 177-186.	0.6	4
147	Stellar Dynamics in the Galactic Center: 1000 Stars in 100 Nights. <i>Astronomische Nachrichten</i> , 2003, 324, 543-549.	0.6	4
148	Monitoring Sagittarius A* in the MIR with the VLT. <i>Astronomische Nachrichten</i> , 2003, 324, 557-561.	0.6	4
149	A two component hot spot/ring model for the NIR flares of Sagittarius A*. <i>Journal of Physics: Conference Series</i> , 2006, 54, 443-447.	0.3	4
150	First infrared VLTI fringes on Galactic Center sources. <i>Journal of Physics: Conference Series</i> , 2006, 54, 273-278.	0.3	4
151	Flare emission from Sagittarius A*. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012022.	0.3	4
152	Unveiling the near-infrared structure of the massive-young stellar object NGC 3603 IRSâ€‰9A* with sparse aperture masking and spectroastrometry. <i>Astronomy and Astrophysics</i> , 2016, 588, A117.	2.1	4
153	Tidal Distortion of the Envelope of an AGB Star IRS 3 near Sgr A<sup>*</sup>. <i>Astrophysical Journal</i> , 2017, 837, 93.	1.6	4
154	Distance to the Brick cloud using stellar kinematics. <i>Astronomy and Astrophysics</i> , 2022, 660, L3.	2.1	4
155	Coordinated mm/sub-mm observations of Sagittarius A* in May 2007. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012006.	0.3	3
156	ALMA and VLA Observations: Evidence for Ongoing Low-mass Star Formation near Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx142.	1.6	3
157	Untersuchungen an oxidischen Katalysatoren. XVII. Zum Zusammenhang zwischen elektrischen und katalytischen Eigenschaften dotierter Zinkoxidkatalysatoren. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1974, 405, 33-45.	0.6	2
158	Stellar Orbits at the Center of the Milky Way. <i>Astronomische Nachrichten</i> , 2003, 324, 315-319.	0.6	2
159	New MIR Excess Sources north of the IRS 13 Complex. <i>Astronomische Nachrichten</i> , 2003, 324, 521-526.	0.6	2
160	Stellar orbits around Sgr A*. <i>Journal of Physics: Conference Series</i> , 2006, 54, 288-292.	0.3	2
161	Near-infrared polarization in the central parsec of the galactic center. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012021.	0.3	2
162	The stellar cusp around the Milky Wayâ€™s central black hole. <i>Journal of Physics: Conference Series</i> , 2017, 840, 012020.	0.3	2

#	ARTICLE	IF	CITATIONS
163	SOWAT: Speckle Observations with Alleviated Turbulence. Publications of the Astronomical Society of the Pacific, 2019, 131, 044502.	1.0	2
164	Detecting hot stars in the Galactic centre with combined near- and mid-infrared photometry. Astronomy and Astrophysics, 2021, 653, A37.	2.1	2
165	Variable and polarized emission from SgrA*. Proceedings of the International Astronomical Union, 2006, 2, 181-185.	0.0	1
166	ISAAC M-band spectroscopy of dust embedded sources at the Galactic Center. Journal of Physics: Conference Series, 2006, 54, 57-61.	0.3	1
167	The millimeter variability of M81*. Journal of Physics: Conference Series, 2006, 54, 349-353.	0.3	1
168	The orbiting spot model gives constraints on the parameters of the supermassive black hole in the Galactic Center. Proceedings of the International Astronomical Union, 2006, 2, 407-408.	0.0	1
169	Interferometric observations of the galactic center: LBT and VLTI. , 2006, 6268, 478.		1
170	NaCo/SAM observations of sources at the Galactic Center. Journal of Physics: Conference Series, 2012, 372, 012025.	0.3	1
171	The Galactic centre mini-spiral with CARMA. Journal of Physics: Conference Series, 2012, 372, 012063.	0.3	1
172	New orbital analysis of stars at the Galactic center using speckle holography and orbital priors. Proceedings of the International Astronomical Union, 2013, 9, 242-244.	0.0	1
173	High resolution imaging of the magnetic field in the central parsec of the Galaxy. Planetary and Space Science, 2020, 183, 104578.	0.9	1
174	The Galactic Center Black Hole Laboratory. Fundamental Theories of Physics, 2015, , 759-781.	0.1	1
175	Surface brightness profile of the Milky Way's nuclear star cluster ( <i>Corrigendum</i> ). Astronomy and Astrophysics, 2015, 577, C1.	2.1	1
176	THE GALACTIC CENTER BLACK HOLE. , 2003, , .		1
177	NIR Observations of the Galactic Center. , 0, , 195-203.		1
178	Compressed sensing for infrared interferometric imaging. , 2020, , .		1
179	The outer orbit of the high-mass stellar triple system HerschelÂ36 determined with the VLTI. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	1
180	Stars Close to the Massive Black Hole at the Center of the Milky Way. Lecture Notes in Physics, 2003, , 302-312.	0.3	0

#	ARTICLE	IF	CITATIONS
181	Scientific potential for LINC NIRVANA observations of galactic nuclei. , 2004, 5491, 106.		0
182	IR excess stars and shock filaments at the Galactic center. Proceedings of the International Astronomical Union, 2004, 2004, 141-144.	0.0	0
183	First Simultaneous NIR/X-ray Flare Detection from SgrA* . , 0, , 191-196.		0
184	The Compact Stellar Cluster Around SgrA* and the Nature of SgrA* . , 0, , 217-218.		0
185	The Galactic Center: The Stellar Cluster and the Massive Black Hole. AIP Conference Proceedings, 2005, , ,	0.3	0
186	The Milky Way's Black Hole and the Central Stellar Cluster: Variable Emission from SgrA . , 2006, , 3-11.		0
187	The structure of the nuclear stellar cluster of the Milky Way. Proceedings of the International Astronomical Union, 2006, 2, 187-190.	0.0	0
188	Proper motions of thin filaments at the Galactic Center. Proceedings of the International Astronomical Union, 2006, 2, 415-416.	0.0	0
189	The structure of the nuclear stellar cluster of the Milky Way. Journal of Physics: Conference Series, 2006, 54, 259-265.	0.3	0
190	Thin filaments at the Galactic Center: identification and proper motions. Journal of Physics: Conference Series, 2006, 54, 311-315.	0.3	0
191	The (quite dark) stellar cluster around the supermassive black hole Sagittarius A* at the center of the Milky Way. Proceedings of the International Astronomical Union, 2007, 3, 207-210.	0.0	0
192	The nature of IRS 13N: YSOs in the central parsec of the galaxy?. Journal of Physics: Conference Series, 2008, 131, 012016.	0.3	0
193	Prospects for observing the Galactic Center: combining LBT LINC-NIRVANA observations in the near-infrared with observations in the mm/sub-mm wavelength domain. Proceedings of SPIE, 2008, , ,	0.8	0
194	The Nuclear Star Cluster of the Milky Way. Proceedings of the International Astronomical Union, 2012, 10, 268-270.	0.0	0
195	Sagittarius A* in the Infrared. Journal of Physics: Conference Series, 2012, 372, 012020.	0.3	0
196	The Milky Way nuclear star cluster beyond 1 pc. Proceedings of the International Astronomical Union, 2013, 9, 223-227.	0.0	0
197	Structure of the nuclear stellar cluster of the Milky Way galaxy. Proceedings of the International Astronomical Union, 2013, 9, 228-229.	0.0	0
198	The Milky Way's nuclear star cluster and massive black hole. Proceedings of the International Astronomical Union, 2014, 10, 274-281.	0.0	0

#	ARTICLE	IF	CITATIONS
199	Recent developments in traceable dimensional measurements. Measurement Science and Technology, 2015, 26, 080401.	1.4	0
200	Surface brightness profile of the Milky Way's nuclear star cluster (Corrigendum). Astronomy and Astrophysics, 2015, 583, C1.	2.1	0
201	The Assembly History of the Milky Way Nuclear Star Cluster. Proceedings of the International Astronomical Union, 2015, 12, 50-54.	0.0	0
202	The Fingerprint of a Galactic Nucleus. Proceedings of the International Astronomical Union, 2016, 11, 257-258.	0.0	0
203	SOWAT: High-resolution imaging with only partial AO correction. Proceedings of the International Astronomical Union, 2019, 14, 185-188.	0.0	0
204	NEWS FROM THE DARK MASS AT THE CENTER OF THE MILKY WAY. , 2005, , .		0
205	The Galactic Center: Breakthroughs with VLT/NACO. Springer Proceedings in Physics, 1997, , 245-251.	0.1	0
206	Optical interferometry image reconstruction contest VIII. , 2018, , .		0
207	The Galactic Centre and Its Black Hole. , 2004, , 201-208.		0
208	IRS 3 - The Brightest Compact MIR Source in the Galactic Center. , 2007, , 307-312.		0
209	The Flare Activity of Sagittarius A. , 2007, , 134-137.		0