

Shogo Nishiyama

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6912697/publications.pdf>

Version: 2024-02-01

51
papers

2,749
citations

201674

27
h-index

197818

49
g-index

51
all docs

51
docs citations

51
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Early formation and recent starburst activity in the nuclear disk of the Milky Way. <i>Nature Astronomy</i> , 2020, 4, 377-381.	10.1	75
2	Search for a Variation of the Fine Structure Constant around the Supermassive Black Hole in Our Galactic Center. <i>Physical Review Letters</i> , 2020, 124, 081101.	7.8	32
3	Relativistic redshift of the star S0-2 orbiting the Galactic Center supermassive black hole. <i>Science</i> , 2019, 365, 664-668.	12.6	270
4	The age and metallicity dependence of the near-infrared magnitudes of red clump stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5600-5613.	4.4	7
5	Magnetic Stability of Massive Star-forming Clumps in RCW 106. <i>Astrophysical Journal Letters</i> , 2019, 875, L16.	8.3	4
6	High-resolution Observations of Cen A: Yellow and Red Supergiants in a Region of Jet-induced Star Formation?*. <i>Astrophysical Journal</i> , 2018, 852, 63.	4.5	1
7	GALACTICNUCLEUS: A high angular resolution <i>JHK</i> imaging survey of the Galactic centre. <i>Astronomy and Astrophysics</i> , 2018, 610, A83.	5.1	54
8	Understanding the Links among the Magnetic Fields, Filament, Bipolar Bubble, and Star Formation in RCW 57A Using NIR Polarimetry. <i>Astrophysical Journal</i> , 2017, 850, 195.	4.5	10
9	A lack of classical Cepheids in the inner part of the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 414-420.	4.4	33
10	V5852 Sgr: an unusual nova possibly associated with the Sagittarius stream. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1529-1538.	4.4	2
11	WIDE-FIELD INFRARED POLARIMETRY OF THE <i>OPHIUCHI</i> CLOUD CORE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 17.	7.7	21
12	Number density distribution of near-infrared sources on a sub-degree scale in the Galactic center: Comparison with the $\text{Fe K}\alpha$ line at 6.7 keV . <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	2.5	6
13	KINEMATICS OF CLASSICAL CEPHEIDS IN THE NUCLEAR STELLAR DISK. <i>Astrophysical Journal</i> , 2015, 799, 46.	4.5	34
14	YOUNG STELLAR OBJECT SEARCH TOWARD THE BOUNDARY OF THE CENTRAL MOLECULAR ZONE WITH NEAR-INFRARED POLARIMETRY. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 22.	7.7	1
15	MULTI-BAND, MULTI-EPOCH OBSERVATIONS OF THE TRANSITING WARM JUPITER WASP-80b. <i>Astrophysical Journal</i> , 2014, 790, 108.	4.5	44
16	INTRINSICALLY POLARIZED STARS AND IMPLICATION FOR STAR FORMATION IN THE CENTRAL PARSEC OF OUR GALAXY. <i>Astrophysical Journal</i> , 2013, 778, 92.	4.5	5
17	THE EFFICIENCY AND WAVELENGTH DEPENDENCE OF NEAR-INFRARED INTERSTELLAR POLARIZATION TOWARD THE GALACTIC CENTER. <i>Astronomical Journal</i> , 2013, 145, 105.	4.7	12
18	IRSF SIRIUS <i>JHK</i> Simultaneous Transit Photometry of GJ 1214b. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	52

#	ARTICLE	IF	CITATIONS
19	Cepheids and other short-period variables near the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2013, 429, 385-397.	4.4	53
20	MAGNETICALLY CONFINED INTERSTELLAR HOT PLASMA IN THE NUCLEAR BULGE OF OUR GALAXY. Astrophysical Journal Letters, 2013, 769, L28.	8.3	42
21	The origin of the Galactic center diffuse X-ray emission investigated by near-infrared imaging and polarimetric observations. Proceedings of the International Astronomical Union, 2013, 9, 449-453.	0.0	0
22	Near-infrared Polarimetry and Interstellar Magnetic Fields in the Galactic Center. Proceedings of the International Astronomical Union, 2012, 10, 387-387.	0.0	0
23	MOA 2010-BLG-477Lb: CONSTRAINING THE MASS OF A MICROLENSING PLANET FROM MICROLENSING PARALLAX, ORBITAL MOTION, AND DETECTION OF BLENDED LIGHT. Astrophysical Journal, 2012, 754, 73.	4.5	64
24	NEAR-INFRARED-IMAGING POLARIMETRY TOWARD SERPENS SOUTH: REVEALING THE IMPORTANCE OF THE MAGNETIC FIELD. Astrophysical Journal, 2011, 734, 63.	4.5	104
25	MOLECULAR OUTFLOWS FROM THE PROTOCLUSTER SERPENS SOUTH. Astrophysical Journal, 2011, 737, 56.	4.5	49
26	EXTENDED SUBMILLIMETER EMISSION OF THE GALACTIC CENTER AND NEAR-INFRARED/SUBMILLIMETER VARIABILITY OF ITS SUPERMASSIVE BLACK HOLE. Astrophysical Journal, 2011, 738, 158.	4.5	18
27	Three classical Cepheid variable stars in the nuclear bulge of the Milky Way. Nature, 2011, 477, 188-190.	27.8	72
28	THE WIDEST-SEPARATION SUBSTELLAR COMPANION CANDIDATE TO A BINARY T TAURI STAR. Astronomical Journal, 2011, 141, 119.	4.7	43
29	MAGNETIC FIELD CONFIGURATION AT THE GALACTIC CENTER INVESTIGATED BY WIDE-FIELD NEAR-INFRARED POLARIMETRY: TRANSITION FROM A TOROIDAL TO A POLOIDAL MAGNETIC FIELD. Astrophysical Journal Letters, 2010, 722, L23-L27.	8.3	38
30	NEAR-INFRARED IMAGING POLARIMETRY OF THE SERPENS CLOUD CORE: MAGNETIC FIELD STRUCTURE, OUTFLOWS, AND INFLOWS IN A CLUSTER FORMING CLUMP. Astrophysical Journal, 2010, 716, 299-314.	4.5	35
31	DEEP $K_{s,s}$ -NEAR-INFRARED SURFACE PHOTOMETRY OF 80 DWARF IRREGULAR GALAXIES IN THE LOCAL VOLUME. Astrophysical Journal, 2010, 716, 792-809.	4.5	18
32	Direct Imaging of Bridged Twin Protoplanetary Disks in a Young Multiple Star. Science, 2010, 327, 306-308.	12.6	73
33	NEAR-INFRARED COUNTERPARTS TO <i>CHANDRA</i> X-RAY SOURCES TOWARD THE GALACTIC CENTER. I. STATISTICS AND A CATALOG OF CANDIDATES. Astrophysical Journal, 2009, 703, 30-41.	4.5	30
34	INTERSTELLAR EXTINCTION LAW TOWARD THE GALACTIC CENTER III: J , H , $K_{s,S}$ BANDS IN THE 2MASS AND THE MKO SYSTEMS, AND 3.6, 4.5, 5.8, 8.0 μ m IN THE <i>SPITZER</i> /IRAC SYSTEM. Astrophysical Journal, 2009, 696, 1407-1417.	4.5	316
35	A near-infrared survey of Miras and the distance to the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1709-1729.	4.4	91
36	A CATALOG OF X-RAY POINT SOURCES FROM TWO MEGASECONDS OF <i>CHANDRA</i> OBSERVATIONS OF THE GALACTIC CENTER. Astrophysical Journal, Supplement Series, 2009, 181, 110-128.	7.7	147

#	ARTICLE	IF	CITATIONS
37	NEAR-INFRARED POLARIMETRY OF FLARES FROM Sgr A* WITH SUBARU/CIAO. <i>Astrophysical Journal</i> , 2009, 702, L56-L60.	4.5	13
38	The Interstellar Extinction Law toward the Galactic Center. II. V , J , H , and K_s Bands. <i>Astrophysical Journal</i> , 2008, 680, 1174-1179.	4.5	123
39	Near-Infrared Polarimetry of the Eagle Nebula (M 16). <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, 507-517.	2.5	19
40	The IRSF Magellanic Clouds Point Source Catalog. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, 615-641.	2.5	212
41	Near-Infrared Extinction in the Coalsack Globule 2. <i>Astrophysical Journal</i> , 2007, 658, 1114-1118.	4.5	14
42	Herbig Ae/Be Stars in the Magellanic Bridge. <i>Astrophysical Journal</i> , 2007, 658, 358-366.	4.5	16
43	The Distance to the Galactic Center Derived from Infrared Photometry of Bulge Red Clump Stars. <i>Astrophysical Journal</i> , 2006, 647, 1093-1098.	4.5	82
44	Near-Infrared Extinction Law in the ρ -Ophiuchi and Chamaeleon Dark Clouds. <i>Astrophysical Journal</i> , 2006, 640, 373-382.	4.5	18
45	Deep Near-Infrared Imaging toward the Vela Molecular Ridge C. II. New Protostars and Embedded Clusters in Vela C. <i>Astronomical Journal</i> , 2006, 132, 1692-1706.	4.7	14
46	Near-Infrared Observations of N11 in the Large Magellanic Cloud: Triggered Star Formation around the Periphery of LH 9. <i>Astronomical Journal</i> , 2006, 132, 2653-2664.	4.7	18
47	Near-infrared study of CIZA J1324.7-5736, the second richest cluster of galaxies in the Great Attractor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 534-543.	4.4	8
48	The period-luminosity relation for type II Cepheids in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1979-1990.	4.4	67
49	Interstellar Extinction Law in the J , H , and K_s Bands toward the Galactic Center. <i>Astrophysical Journal</i> , 2006, 638, 839-846.	4.5	187
50	A Distinct Structure inside the Galactic Bar. <i>Astrophysical Journal</i> , 2005, 621, L105-L108.	4.5	86
51	Near-Infrared Photometric Monitoring of the Pre-Main-Sequence Object KH 15D. <i>Astrophysical Journal</i> , 2005, 632, L139-L142.	4.5	16