Yosuke Minowa

List of Publications by Year
in descending order

46 papers	732 citations	759233 12 h-index	580821 25 g-index
46 all docs	46 docs citations	46 times ranked	1177 citing authors

#	Article	IF	Citations
1	Multiple Mg ii Absorption Systems in the Lines of Sight to Quadruply Lensed Quasar H1413+1143. Astronomical Journal, 2021, 162, 175.	4.7	4
2	Extended star-forming regions within galaxies in a dense proto-cluster core at z = 2.53. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	9
3	A significant feature in the general relativistic time evolution of the redshift of photons coming from a star orbiting SgrÂA*. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	8
4	Near-infrared adaptive optics imaging- and spectro-polarimetry with the infrared camera and spectrograph of the Subaru Telescope. , 2018, , .		0
5	On-going and future AO activities on Subaru Telescope. , 2018, , .		2
6	CCD system upgrading of the Kyoto3DII and integral field spectroscopic observation with the new system. Proceedings of SPIE, 2016, , .	0.8	2
7	Subaru Telescope adaptive optics observations of gravitationally lensed quasars in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2-55.	4.4	38
8	ULTIMATE-SUBARU: simulation update. Proceedings of SPIE, 2014, , .	0.8	1
9	Adaptive optics at the Subaru telescope: current capabilities and development. , 2014, , .		2
10	Adaptive optics observations of the gravitationally lensed quasar SDSS J1405+0959â˜…. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2561-2570.	4.4	9
11	Spatially Resolved Near-Infrared Imaging of a Gravitationally Lensed Quasar, APM 08279+5255, with Adaptive Optics on the Subaru Telescope. Publication of the Astronomical Society of Japan, 2013, 65, .	2.5	7
12	SDSS J133401.39+331534.3: A NEW SUBARCSECOND GRAVITATIONALLY LENSED QUASAR. Astrophysical Journal, 2011, 738, 30.	4.5	8
13	Commissioning status of Subaru laser guide star adaptive optics system. Proceedings of SPIE, 2010, , .	0.8	83
14	Performance of Subaru adaptive optics system AO188. Proceedings of SPIE, 2010, , .	0.8	57
15	Direct Observation of the Extended Molecular Atmosphere of o Ceti by Differential Spectral Imaging with an Adaptive Optics System. Publication of the Astronomical Society of Japan, 2009, 61, 623-627.	2.5	2
16	A Laser Guide Star Adaptive Optics System of Subaru Telescope. , 2009, , .		0
17	Development of a dichroic beam splitter for Subaru AO188. , 2008, , .		3
18	Implementation of 188-element curvature-based wavefront sensor and calibration source unit for the Subaru LGSAO system. , 2008, , .		8

#	Article	IF	Citations
19	Characterization of vibrating shape of a bimorph deformable mirror. , 2008, , .		1
20	Current status of the laser guide star adaptive optics system for Subaru Telescope. Proceedings of SPIE, 2008, , .	0.8	61
21	Adaptive Optics Restâ€FrameVâ€Band Imaging of Lyman Break Galaxies atzâ¼3: High Surface Density Disklike Galaxies?. Astrophysical Journal, Supplement Series, 2008, 175, 1-28.	7.7	24
22	Diffractionâ€Limited 3 Î¼m Spectroscopy of IRAS 04296+3429 and IRAS 05341+0852: Spatial Extent of Hydrocarbon Dust Emission and Dust Evolutionary Sequence. Astrophysical Journal, 2007, 662, 389-394.	4.5	27
23	Adaptive Optics Spectroscopy of the [FeII] Outflows from HL Tauri and RW Aurigae. Astrophysical Journal, 2006, 649, 836-844.	4.5	49
24	First Detection of NaiD Lines in Highâ€Redshift Damped LyÎ± Systems. Astrophysical Journal, 2006, 643, 667-674.	4.5	6
25	Subaru Super Deep Field with Adaptive Optics. I. Observations and First Implications. Astrophysical Journal, 2005, 629, 29-44.	4.5	28
26	Adaptive optics imaging search for damped Ly$alpha$ absorbers toward APM 08279+5255. Proceedings of the International Astronomical Union, 2005, 1, 448-450.	0.0	0
27	Performance of Subaru Cassegrain Adaptive Optics System. Publication of the Astronomical Society of Japan, 2004, 56, 225-234.	2.5	56
28	Design of laser system for Subaru LGS AO. , 2004, 5490, 1088.		18
29	Laser guide star AO project at the Subaru Telescope. , 2004, , .		11
30	Design of the Subaru laser guide star adaptive optics module. , 2004, 5490, 1096.		17
31	A Subarcsecond Companion to the T Tauri Star AS 353B. Astronomical Journal, 2004, 127, 444-448.	4.7	5
32	H 2 Emission Nebulosity Associated with KH 15D. Astrophysical Journal, 2004, 601, L91-L94.	4.5	22
33	Deformable mirror design of Subaru LGSAO system. , 2004, , .		11
34	Subaru Telescope LGSAO: overview of expected performance. , 2004, 5490, 733.		8
35	Subaru adaptive optics system after two years of open use. , 2004, , .		6
36	The Structure of Young Stellar Jets and Winds Revealed by High Resolution [Fe II] Î»1.644Î¼m Line Observations. Astrophysics and Space Science, 2003, 287, 21-24.	1.4	3

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37	Observational Impact of Scattered Light from the Laser Beam of a Laser Guide Star Adaptive Optics System. Publications of the Astronomical Society of the Pacific, 2003, 115, 1419-1428.	3.1	4
38	Performance of Subaru adaptive optics system and the scientific results. , 2003, , .		11
39	Spectroscopy with adaptive optics : spectral slope variation. , 2003, 4839, 1117.		9
40	Spatially Resolved 3 Micron Spectroscopy of IRAS 22272+5435: Formation and Evolution of Aliphatic Hydrocarbon Dust in Protoâ€“Planetary Nebulae. Astrophysical Journal, 2003, 589, 419-429.	4.5	53
41	Carbon Isotope Ratio in12CO/13CO toward Local Molecular Clouds with Nearâ€Infrared Highâ€Resolution Spectroscopy of Vibrational Transition Bands. Astrophysical Journal, 2003, 598, 1038-1047.	4.5	30
42	Rayleigh scatter measurement of Keck LGS by Subaru telescope. , 2003, 4839, 452.		3
43	Software and algorithms of Subaru AO. , 2003, 4839, 954.		1
44	Upgrade plans for the Subaru AO system. , 2003, 4839, 32.		7
45	Detection of Extended Water Vapor Atmosphere of Mira by Near-Infrared Spectroimagery. Astrophysics and Space Science Library, 2003, , 213-216.	2.7	1
46	<title>First results from the Subaru AO system</title>. , 2002, 4494, 30.		17