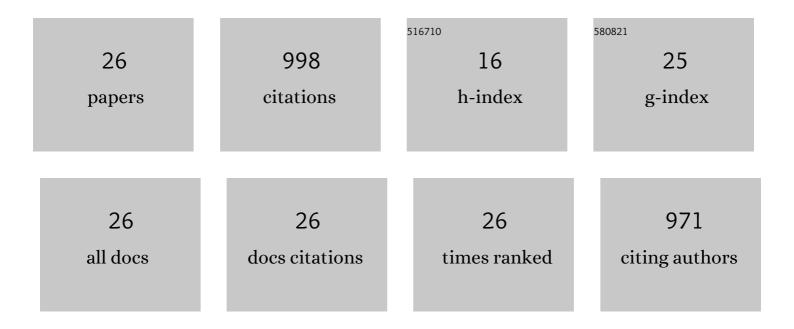
Kazushi Sakamoto

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/89616/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Energizing Star Formation: The Cosmic-Ray Ionization Rate in NGC 253 Derived from ALCHEMI Measurements of H ₃ O ⁺ and SO. Astrophysical Journal, 2022, 931, 89.	4.5	8
2	Towards the prediction of molecular parameters from astronomical emission lines using Neural Networks. Experimental Astronomy, 2021, 52, 157-182.	3.7	3
3	Starburst Energy Feedback Seen through HCO ⁺ /HOC ⁺ Emission in NGC 253 from ALCHEMI. Astrophysical Journal, 2021, 923, 24.	4.5	14
4	Deeply Buried Nuclei in the Infrared-luminous Galaxies NGC 4418 and Arp 220. II. Line Forests at λ = 1.4–0.4 mm and Circumnuclear Gas Observed with ALMA. Astrophysical Journal, 2021, 923, 240.	4.5	12
5	Deeply Buried Nuclei in the Infrared-luminous Galaxies NGC 4418 and Arp 220. I. ALMA Observations at λ = 1.4–0.4 mm and Continuum Analysis. Astrophysical Journal, 2021, 923, 206.	4.5	6
6	VV 655 and NGC 4418: Implications of an interaction for the evolution of a LIRG. Astronomy and Astrophysics, 2020, 637, A17.	5.1	8
7	Systematic Variations of CO JÂ=Â2â^'1/1–0 Ratio and Their Implications in The Nearby Barred Spiral Galaxy M83. Astrophysical Journal Letters, 2020, 890, L10.	8.3	20
8	The Greenhouse Effect in Buried Galactic Nuclei and the Resonant HCN Vibrational Emission. Astrophysical Journal, 2019, 882, 153.	4.5	27
9	Chemical Evolution along the Circumnuclear Ring of M83. Astrophysical Journal, 2019, 884, 100.	4.5	12
10	Dusty Superwind from a Galaxy with a Compact Obscured Nucleus: Optical Spectroscopic Study of NGC 4418. Astrophysical Journal, 2019, 871, 191.	4.5	15
11	Fast, Collimated Outflow in the Western Nucleus of Arp 220. Astrophysical Journal Letters, 2018, 853, L28.	8.3	47
12	ALMA Astrochemical Observations of the Infrared-luminous Merger NGC 3256. Astrophysical Journal, 2018, 855, 49.	4.5	37
13	Resolved Structure of the Arp 220 Nuclei at λÂâ‰^Â3 mm. Astrophysical Journal, 2017, 849, 14.	4.5	30
14	INFRARED AND X-RAY EVIDENCE OF AN AGN IN THE NGC 3256 SOUTHERN NUCLEUS. Astrophysical Journal, 2015, 805, 162.	4.5	18
15	AN INFRARED-LUMINOUS MERGER WITH TWO BIPOLAR MOLECULAR OUTFLOWS: ALMA AND SMA OBSERVATIONS OF NGC 3256. Astrophysical Journal, 2014, 797, 90.	4.5	81
16	SUBMILLIMETER INTERFEROMETRY OF THE LUMINOUS INFRARED GALAXY NGC 4418: A HIDDEN HOT NUCLEUS WITH AN INFLOW AND AN OUTFLOW. Astrophysical Journal, 2013, 764, 42.	4.5	72
17	Molecular Gas and Dust in Nearby Galactic Centers: from SMA to ALMA. Proceedings of the International Astronomical Union, 2012, 8, 143-148.	0.0	0
18	STAR-FORMING CLOUD COMPLEXES IN THE CENTRAL MOLECULAR ZONE OF NGC 253. Astrophysical Journal, 2011, 735, 19.	4.5	69

#	Article	IF	CITATIONS
19	VIBRATIONALLY EXCITED HCN IN THE LUMINOUS INFRARED GALAXY NGC 4418. Astrophysical Journal Letters, 2010, 725, L228-L233.	8.3	100
20	SMA ¹² CO(<i>J</i> = 6 – 5) AND 435 μm INTERFEROMETRIC IMAGING OF THE NUCLEAR REGION Arp 220. Astrophysical Journal, 2009, 693, 56-68.	OF 4.5	46
21	P CYGNI PROFILES OF MOLECULAR LINES TOWARD ARP 220 NUCLEI. Astrophysical Journal, 2009, 700, L104-L108.	4.5	84
22	Gas dynamics and structure of galaxies. Astrophysics and Space Science, 2008, 313, 245-251.	1.4	4
23	Submillimeter Array Imaging of the CO(3–2) Line and 860 μ m Continuum of Arp 220: Tracing the Spatial Distribution of Luminosity. Astrophysical Journal, 2008, 684, 957-977.	4.5	114
24	Molecular Superbubbles in the Starburst Galaxy NGC 253. Astrophysical Journal, 2006, 636, 685-697.	4.5	75
25	Imaging Molecular Gas in the Luminous Merger NGC 3256: Detection of Highâ€Velocity Gas and Twin Gas Peaks in the Double Nucleus. Astrophysical Journal, 2006, 644, 862-878.	4.5	53
26	Molecular Gas around the Double Nucleus in M83. Astrophysical Journal, 2004, 616, L59-L62.	4.5	43