

John H Lacy

List of Publications by Year in descending order

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26
papers

448
citations

623734

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all docs

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docs citations

26
times ranked

853
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution Mid-infrared Spectroscopy of GV Tau N: Surface Accretion and Detection of NH_3 in a Young Protoplanetary Disk. <i>Astrophysical Journal</i> , 2021, 908, 171.	4.5	8
2	The Transition from Diffuse Molecular Gas to Molecular Cloud Material in Taurus. <i>Astrophysical Journal</i> , 2021, 914, 59.	4.5	3
3	Ionized gas in the NGC 5253 supernebula: high spatial and spectral resolution observations with the JVA and TEXES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1675-1683.	4.4	1
4	High-resolution Infrared Spectroscopy of Hot Molecular Gas in AFGL 2591 and AFGL 2136: Accretion in the Inner Regions of Disks around Massive Young Stellar Objects. <i>Astrophysical Journal</i> , 2020, 900, 104.	4.5	9
5	The Spatially Resolved Bipolar Nebula of Sakurai's Object. II. Mapping the Planetary Nebula Expansion. <i>Astrophysical Journal</i> , 2020, 904, 34.	4.5	8
6	A High-resolution Mid-infrared Survey of Water Emission from Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 874, 24.	4.5	22
7	The Nitrogen Carrier in Inner Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 874, 92.	4.5	18
8	Assessing the long-term variability of acetylene and ethane in the stratosphere of Jupiter. <i>Icarus</i> , 2018, 305, 301-313.	2.5	20
9	Carbon Chemistry in IRC+10216: Infrared Detection of Diacetylene. <i>Astrophysical Journal</i> , 2018, 852, 80.	4.5	15
10	Circumstellar ammonia in oxygen-rich evolved stars. <i>Astronomy and Astrophysics</i> , 2018, 612, A48.	5.1	14
11	Spectrally Resolved Mid-infrared Molecular Emission from Protoplanetary Disks and the Chemical Fingerprint of Planetesimal Formation. <i>Astrophysical Journal</i> , 2018, 862, 122.	4.5	15
12	H_2 , CO, and Dust Absorption through Cold Molecular Clouds. <i>Astrophysical Journal</i> , 2017, 838, 66.	4.5	25
13	ALMA Reveals Sequential High-mass Star Formation in the G9.62+0.19 Complex. <i>Astrophysical Journal</i> , 2017, 849, 25.	4.5	41
14	IRTF/TEXES observations of the H_2 regions H1 and H2 in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 561-575.	4.4	8
15	DETECTION OF WATER VAPOR IN THE TERRESTRIAL PLANET FORMING REGION OF A TRANSITION DISK. <i>Astrophysical Journal Letters</i> , 2015, 810, L24.	8.3	18
16	INTERPRETATION OF INFRARED VIBRATION-ROTATION SPECTRA OF INTERSTELLAR AND CIRCUMSTELLAR MOLECULES. <i>Astrophysical Journal</i> , 2013, 765, 130.	4.5	12
17	Ionized gas dynamics in the inner 2 pc of Sgr A West. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 69-72.	0.0	0
18	A COMPARATIVE ASTROCHEMICAL STUDY OF THE HIGH-MASS PROTOSTELLAR OBJECTS NGC 7538 IRS 9 AND IRS 1. <i>Astrophysical Journal</i> , 2012, 757, 111.	4.5	13

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19	Preliminary design of IGRINS (Immersion GRating INfrared Spectrograph). Proceedings of SPIE, 2010, , .	0.8	64
20	HIGH-RESOLUTION MID-INFRARED SPECTROSCOPY OF NGC 7538 IRS 1: PROBING CHEMISTRY IN A MASSIVE YOUNG STELLAR OBJECT. Astrophysical Journal, 2009, 696, 471-483.	4.5	46
21	The TEXES Survey for H ₂ Emission from Protoplanetary Disks. Astrophysical Journal, 2008, 688, 1326-1344.	4.5	41
22	[Ne ⁱⁱⁱ] Observations of Gas Motions in Compact and Ultracompact H ⁱⁱ Regions. Astrophysical Journal, Supplement Series, 2008, 177, 584-612.	7.7	24
23	Mass Flows in Cometary Ultracompact HiiRegions. Astrophysical Journal, 2005, 631, 381-398.	4.5	15
24	TEXES: sensitive and versatile spectrograph for mid-infrared astronomy. , 2003, 4841, 1572.		7
25	Observations of Gas-Phase Atoms and Molecules. Highlights of Astronomy, 2002, 12, 52-54.	0.0	0
26	Kinematics and structure of Ionized gas in the UCHII regions of W33 main. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	1