

# John H Lacy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/853261/publications.pdf>

Version: 2024-02-01

26  
papers

448  
citations

623734

14  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

853  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary design of IGRINS (Immersion GRating INfrared Spectrograph). Proceedings of SPIE, 2010, , .	0.8	64
2	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
3	The TEXES Survey for H <sub>2</sub> Emission from Protoplanetary Disks. Astrophysical Journal, 2008, 688, 1326-1344.	4.5	41
4	ALMA Reveals Sequential High-mass Star Formation in the G9.62+0.19 Complex. Astrophysical Journal, 2017, 849, 25.	4.5	41
5	H <sub>2</sub> , CO, and Dust Absorption through Cold Molecular Clouds. Astrophysical Journal, 2017, 838, 66.	4.5	25
6	[Ne <sup>iii</sup> ] Observations of Gas Motions in Compact and Ultracompact H <sup>ii</sup> Regions. Astrophysical Journal, Supplement Series, 2008, 177, 584-612.	7.7	24
7	A High-resolution Mid-infrared Survey of Water Emission from Protoplanetary Disks. Astrophysical Journal, 2019, 874, 24.	4.5	22
8	Assessing the long-term variability of acetylene and ethane in the stratosphere of Jupiter. Icarus, 2018, 305, 301-313.	2.5	20
9	DETECTION OF WATER VAPOR IN THE TERRESTRIAL PLANET FORMING REGION OF A TRANSITION DISK. Astrophysical Journal Letters, 2015, 810, L24.	8.3	18
10	The Nitrogen Carrier in Inner Protoplanetary Disks. Astrophysical Journal, 2019, 874, 92.	4.5	18
11	Mass Flows in Cometary Ultracompact HiiRegions. Astrophysical Journal, 2005, 631, 381-398.	4.5	15
12	Carbon Chemistry in IRC+10216: Infrared Detection of Diacetylene. Astrophysical Journal, 2018, 852, 80.	4.5	15
13	Spectrally Resolved Mid-infrared Molecular Emission from Protoplanetary Disks and the Chemical Fingerprint of Planetesimal Formation. Astrophysical Journal, 2018, 862, 122.	4.5	15
14	Circumstellar ammonia in oxygen-rich evolved stars. Astronomy and Astrophysics, 2018, 612, A48.	5.1	14
15	A COMPARATIVE ASTROCHEMICAL STUDY OF THE HIGH-MASS PROTOSTELLAR OBJECTS NGC 7538 IRS 9 AND IRS 1. Astrophysical Journal, 2012, 757, 111.	4.5	13
16	INTERPRETATION OF INFRARED VIBRATION-ROTATION SPECTRA OF INTERSTELLAR AND CIRCUMSTELLAR MOLECULES. Astrophysical Journal, 2013, 765, 130.	4.5	12
17	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. Astrophysical Journal, 2020, 900, 104.	4.5	9
18	IRTF/TEXES observations of the H <sup>ii</sup> regions H1 and H2 in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2017, 470, 561-575.	4.4	8

#	ARTICLE	IF	CITATIONS
19	High-resolution Mid-infrared Spectroscopy of GV Tau N: Surface Accretion and Detection of $\text{NH}_3$ in a Young Protoplanetary Disk. <i>Astrophysical Journal</i> , 2021, 908, 171.	4.5	8
20	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
21	TEXES: sensitive and versatile spectrograph for mid-infrared astronomy. , 2003, 4841, 1572.		7
22	The Transition from Diffuse Molecular Gas to Molecular Cloud Material in Taurus. <i>Astrophysical Journal</i> , 2021, 914, 59.	4.5	3
23	Ionized gas in the NGC 5253 supernova: 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
24	Kinematics and structure of ionized gas in the UCHII regions of W33 main. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	1
25	Observations of Gas-Phase Atoms and Molecules. <i>Highlights of Astronomy</i> , 2002, 12, 52-54.	0.0	0
26	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