

Anthony J Remijan

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,588
citations

394421

19
h-index

501196

28
g-index

31
all docs

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docs citations

31
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	CH ₃ -Terminated Carbon Chains in the GOTHAM Survey of TMC-1: Evidence of Interstellar CH ₃ C ₇ N. <i>Astrophysical Journal</i> , 2022, 924, 21.	4.5	9
2	A Search for Heterocycles in GOTHAM Observations of TMC-1. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2716-2728.	2.5	25
3	Interstellar detection of the highly polar five-membered ring cyanocyclopentadiene. <i>Nature Astronomy</i> , 2021, 5, 176-180.	10.1	96
4	An investigation of spectral line stacking techniques and application to the detection of HC11N. <i>Nature Astronomy</i> , 2021, 5, 188-196.	10.1	49
5	Ubiquitous aromatic carbon chemistry at the earliest stages of star formation. <i>Nature Astronomy</i> , 2021, 5, 181-187.	10.1	49
6	Lewis (Lew) Snyder (1939–2021)., 2021, 53, .		0
7	Discovery of Interstellar trans-cyanovinylacetylene (HC≡CCH=CHC≡N) and vinylcyanoacetylene (H ₂ C=CHC≡N) in GOTHAM Observations of TMC-1. <i>Astrophysical Journal Letters</i> , 2021, 908, L11.	8.3	13
8	Rapidly Varying Anisotropic Methanol (CH ₃ OH) Production in the Inner Coma of Comet 46P/Wirtanen as Revealed by the ALMA Atacama Compact Array. <i>Planetary Science Journal</i> , 2021, 2, 55.	3.6	9
9	Volatiles in the Next Decade (2023-2032)., 2021, 53, .		0
10	Detection of two interstellar polycyclic aromatic hydrocarbons via spectral matched filtering. <i>Science</i> , 2021, 371, 1265-1269.	12.6	236
11	Leveraging the ALMA Atacama Compact Array for Cometary Science: An Interferometric Survey of Comet C/2015 ER61 (PanSTARRS) and Evidence for a Distributed Source of Carbon Monosulfide. <i>Astrophysical Journal</i> , 2021, 921, 14.	4.5	8
12	The Family of Amide Molecules toward NGC 6334I. <i>Astrophysical Journal</i> , 2020, 901, 37.	4.5	34
13	Detection of Interstellar HC ₄ NC and an Investigation of Isocyanopolyne Chemistry under TMC-1 Conditions. <i>Astrophysical Journal Letters</i> , 2020, 900, L9.	8.3	32
14	Early Science from GOTHAM: Project Overview, Methods, and the Detection of Interstellar Propargyl Cyanide (HCCCH ₂ CN) in TMC-1. <i>Astrophysical Journal Letters</i> , 2020, 900, L10.	8.3	60
15	A Search for Light Hydrides in the Envelopes of Evolved Stars. <i>Astrophysical Journal</i> , 2020, 901, 22.	4.5	2
16	Searches for Interstellar HCCSH and H ₂ CCS. <i>Astrophysical Journal</i> , 2019, 883, 201.	4.5	13
17	Modeling C-shock Chemistry in Isolated Molecular Outflows. <i>Astrophysical Journal</i> , 2019, 881, 32.	4.5	24
18	ALMA Detection of Vibrationally Excited ($v_{\text{t}} = 1, 2$) Acetic Acid toward NGC 6334I. <i>Astrophysical Journal</i> , 2019, 882, 118.	4.5	7

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19	ALMA Observations of the Spatial Distribution of Three C ₂ H ₄ O ₂ Isomers toward Sgr B2(N). <i>Astrophysical Journal</i> , 2019, 871, 112.	4.5	19
20	Detection of the aromatic molecule benzonitrile (<i>c</i> -C ₆ H ₅ CN) in the interstellar medium. <i>Science</i> , 2018, 359, 202-205.	12.6	370
21	Collisional Excitation and Weak Maser Action of Interstellar Methanimine. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3199-3204.	4.6	15
22	First Results of an ALMA Band 10 Spectral Line Survey of NGC 6334I: Detections of Glycolaldehyde (HC(O)CH ₂ OH) and a New Compact Bipolar Outflow in HDO and CS. <i>Astrophysical Journal Letters</i> , 2018, 863, L35.	8.3	29
23	Detection of Interstellar HC ₅ O in TMC-1 with the Green Bank Telescope. <i>Astrophysical Journal Letters</i> , 2017, 843, L28.	8.3	36
24	ALMA Detection of Interstellar Methoxymethanol (CH ₃ OCH ₂ OH). <i>Astrophysical Journal Letters</i> , 2017, 851, L46.	8.3	66
25	CSO AND CARMA OBSERVATIONS OF L1157. II. CHEMICAL COMPLEXITY IN THE SHOCKED OUTFLOW. <i>Astrophysical Journal</i> , 2016, 827, 21.	4.5	20
26	Non-detection of HC ₁₁ N towards TMC-1: constraining the chemistry of large carbon-chain molecules. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4175-4183.	4.4	38
27	Molecular polymorphism: microwave spectra, equilibrium structures, and an astronomical investigation of the HNCS isomeric family. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22693-22705.	2.8	17
28	Discovery of the interstellar chiral molecule propylene oxide (CH ₃ CHCH ₂) <small>Tj ETQq0 0 0, rBT /Overlock 10 T</small>	12.6	235
29	CSO AND CARMA OBSERVATIONS OF L1157. I. A DEEP SEARCH FOR HYDROXYLAMINE (NH ₂ OH). <i>Astrophysical Journal</i> , 2015, 812, 76.	4.5	28
30	A SEARCH FOR HYDROXYLAMINE (NH ₂ OH) TOWARD SELECT ASTRONOMICAL SOURCES. <i>Astrophysical Journal</i> , 2012, 751, 1.	4.5	49