

# 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

31  
docs citations

31  
times ranked

1173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of the aromatic molecule benzonitrile ( $\text{C}_6\text{H}_5\text{CN}$ ) in the interstellar medium. <i>Science</i> , 2018, 359, 202-205.	12.6	370
2	Detection of two interstellar polycyclic aromatic hydrocarbons via spectral matched filtering. <i>Science</i> , 2021, 371, 1265-1269.	12.6	236
3	Discovery of the interstellar chiral molecule propylene oxide ( $\text{CH}_3\text{CHCH}_2$ ) Tj ETQq1 1 0.784314 rgBT /Over	12.6	235
4	Interstellar detection of the highly polar five-membered ring cyanocyclopentadiene. <i>Nature Astronomy</i> , 2021, 5, 176-180.	10.1	96
5	ALMA Detection of Interstellar Methoxymethanol ( $\text{CH}_3\text{OCH}_2\text{OH}$ ). <i>Astrophysical Journal Letters</i> , 2017, 851, L46.	8.3	66
6	Early Science from GOTHAM: Project Overview, Methods, and the Detection of Interstellar Propargyl Cyanide ( $\text{HCCCH}_2\text{CN}$ ) in TMC-1. <i>Astrophysical Journal Letters</i> , 2020, 900, L10.	8.3	60
7	A SEARCH FOR HYDROXYLAMINE ( $\text{NH}_2\text{OH}$ ) TOWARD SELECT ASTRONOMICAL SOURCES. <i>Astrophysical Journal</i> , 2012, 751, 1.	4.5	49
8	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
9	Ubiquitous aromatic carbon chemistry at the earliest stages of star formation. <i>Nature Astronomy</i> , 2021, 5, 181-187.	10.1	49
10	Non-detection of $\text{HC}_{11}\text{N}$ 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
11	Detection of Interstellar $\text{HC}_5\text{O}$ in TMC-1 with the Green Bank Telescope. <i>Astrophysical Journal Letters</i> , 2017, 843, L28.	8.3	36
12	The Family of Amide Molecules toward NGC 6334I. <i>Astrophysical Journal</i> , 2020, 901, 37.	4.5	34
13	Detection of Interstellar $\text{HC}_4\text{NC}$ and an Investigation of Isocyanopolyne Chemistry under TMC-1 Conditions. <i>Astrophysical Journal Letters</i> , 2020, 900, L9.	8.3	32
14	First Results of an ALMA Band 10 Spectral Line Survey of NGC 6334I: Detections of Glycolaldehyde ( $\text{HC(O)CH}_2\text{OH}$ ) and a New Compact Bipolar Outflow in HDO and CS. <i>Astrophysical Journal Letters</i> , 2018, 863, L35.	8.3	29
15	CSO AND CARMA OBSERVATIONS OF L1157. I. A DEEP SEARCH FOR HYDROXYLAMINE ( $\text{NH}_2\text{OH}$ ). <i>Astrophysical Journal</i> , 2015, 812, 76.	4.5	28
16	A Search for Heterocycles in GOTHAM Observations of TMC-1. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2716-2728.	2.5	25
17	Modeling C-shock Chemistry in Isolated Molecular Outflows. <i>Astrophysical Journal</i> , 2019, 881, 32.	4.5	24
18	CSO AND CARMA OBSERVATIONS OF L1157. II. CHEMICAL COMPLEXITY IN THE SHOCKED OUTFLOW. <i>Astrophysical Journal</i> , 2016, 827, 21.	4.5	20

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19	ALMA Observations of the Spatial Distribution of Three C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> Isomers toward Sgr B2(N). <i>Astrophysical Journal</i> , 2019, 871, 112.	4.5	19
20	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
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	Searches for Interstellar HCCSH and H <sub>2</sub> CCS. <i>Astrophysical Journal</i> , 2019, 883, 201.	4.5	13
23	Discovery of Interstellar trans-cyanovinylacetylene (HC≡CCH=CHC≡N) and vinylcyanoacetylene (H <sub>2</sub> C=C=CHC≡N) in GOTHAM Observations of TMC-1. <i>Astrophysical Journal Letters</i> , 2021, 908, L11.	8.3	13
24	Rapidly Varying Anisotropic Methanol (CH <sub>3</sub> 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
25	CH <sub>3</sub> -Terminated Carbon Chains in the GOTHAM Survey of TMC-1: Evidence of Interstellar CH <sub>3</sub> C <sub>7</sub> N. <i>Astrophysical Journal</i> , 2022, 924, 21.	4.5	9
26	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
27	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
28	A Search for Light Hydrides in the Envelopes of Evolved Stars. <i>Astrophysical Journal</i> , 2020, 901, 22.	4.5	2
29	Lewis (Lew) Snyder (1939–2021)., 2021, 53, .		0
30	Volatiles in the Next Decade (2023-2032)., 2021, 53, .		0