

Catherine Walsh

List of Publications by Year in descending order

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134
papers

6,202
citations

71102

41
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g-index

135
all docs

135
docs citations

135
times ranked

3416
citing authors

#	ARTICLE	IF	CITATIONS
1	A revised lower estimate of ozone columns during Earth's oxygenated history. Royal Society Open Science, 2022, 9, 211165.	2.4	13
2	ALMA High-resolution Multiband Analysis for the Protoplanetary Disk around TW Hya. Astrophysical Journal, 2022, 928, 49.	4.5	5
3	Different molecular filament widths as tracers of accretion on to filaments. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1244-1253.	4.4	4
4	Fevering Interstellar Ices Have More CH ₃ OD. ACS Earth and Space Chemistry, 2022, 6, 1171-1188.	2.7	3
5	Unveiling the outer dust disc of TW Hya with deep ALMA observations. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 515, L23-L28.	3.0	6
6	Astrochemical modelling of infrared dark clouds. Astronomy and Astrophysics, 2022, 662, A39.	5.1	5
7	The TW Hya Rosetta Stone Project. II. Spatially Resolved Emission of Formaldehyde Hints at Low-temperature Gas-phase Formation. Astrophysical Journal, 2021, 906, 111.	4.5	19
8	The TW Hya Rosetta Stone Project. III. Resolving the Gaseous Thermal Profile of the Disk. Astrophysical Journal, 2021, 908, 8.	4.5	35
9	The TW Hya Rosetta Stone Project IV: A Hydrocarbon-rich Disk Atmosphere. Astrophysical Journal, 2021, 911, 29.	4.5	10
10	Water in star-forming regions: physics and chemistry from clouds to disks as probed by <i>Herschel</i> spectroscopy. Astronomy and Astrophysics, 2021, 648, A24.	5.1	98
11	An inherited complex organic molecule reservoir in a warm planet-hosting disk. Nature Astronomy, 2021, 5, 684-690.	10.1	40
12	X-ray-induced chemistry of water and related molecules in low-mass protostellar envelopes. Astronomy and Astrophysics, 2021, 650, A180.	5.1	18
13	Chemical signatures of a warped protoplanetary disc. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4821-4837.	4.4	13
14	High Spatial Resolution Observations of Molecular Lines toward the Protoplanetary Disk around TW Hya with ALMA. Astrophysical Journal, 2021, 914, 113.	4.5	14
15	The TW Hya Rosetta Stone Project. I. Radial and Vertical Distributions of DCN and DCO ⁺ . Astronomical Journal, 2021, 161, 38.	4.7	16
16	Molecules with ALMA at Planet-forming Scales (MAPS). VII. Substellar O/H and C/H and Superstellar C/O in Planet-feeding Gas. Astrophysical Journal, Supplement Series, 2021, 257, 7.	7.7	40
17	Molecules with ALMA at Planet-forming Scales (MAPS). X. Studying Deuteration at High Angular Resolution toward Protoplanetary Disks. Astrophysical Journal, Supplement Series, 2021, 257, 10.	7.7	15
18	Molecules with ALMA at Planet-forming Scales (MAPS). XVIII. Kinematic Substructures in the Disks of HD 163296 and MWC 480. Astrophysical Journal, Supplement Series, 2021, 257, 18.	7.7	51

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19	Molecules with ALMA at Planet-forming Scales (MAPS). IX. Distribution and Properties of the Large Organic Molecules HC ₃ N, CH ₃ CN, and c-C ₃ H ₂ . <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 9.	7.7	30
20	Molecules with ALMA at Planet-forming Scales (MAPS). XIX. Spiral Arms, a Tail, and Diffuse Structures Traced by CO around the GM Aur Disk. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 19.	7.7	33
21	Molecules with ALMA at Planet-forming Scales (MAPS). IV. Emission Surfaces and Vertical Distribution of Molecules. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 4.	7.7	58
22	Molecules with ALMA at Planet-forming Scales (MAPS). XII. Inferring the C/O and S/H Ratios in Protoplanetary Disks with Sulfur Molecules. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 12.	7.7	30
23	Molecules with ALMA at Planet-forming Scales (MAPS). XVII. Determining the 2D Thermal Structure of the HD 163296 Disk. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 17.	7.7	19
24	Molecules with ALMA at Planet-forming Scales (MAPS). I. Program Overview and Highlights. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 1.	7.7	117
25	Molecules with ALMA at Planet-forming Scales (MAPS). VI. Distribution of the Small Organics HCN, C ₂ H, and H ₂ CO. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 6.	7.7	37
26	Molecules with ALMA at Planet-forming Scales (MAPS). XVI. Characterizing the Impact of the Molecular Wind on the Evolution of the HD 163296 System. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 16.	7.7	20
27	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 5.	7.7	87
28	Molecules with ALMA at Planet-forming Scales (MAPS). III. Characteristics of Radial Chemical Substructures. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 3.	7.7	57
29	Molecules with ALMA at Planet-forming Scales (MAPS). XV. Tracing Protoplanetary Disk Structure within 20 au. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 15.	7.7	21
30	Molecules with ALMA at Planet-forming Scales (MAPS). VIII. CO Gap in AS 209 – Gas Depletion or Chemical Processing?. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 8.	7.7	22
31	Molecules with ALMA at Planet-forming Scales (MAPS). XIII. HCO ⁺ and Disk Ionization Structure. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 13.	7.7	24
32	Molecules with ALMA at Planet-forming Scales (MAPS). XIV. Revealing Disk Substructures in Multiwavelength Continuum Emission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 14.	7.7	56
33	Molecules with ALMA at Planet-forming Scales. XX. The Massive Disk around GM Aurigae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 20.	7.7	26
34	Molecules with ALMA at Planet-forming Scales (MAPS). II. CLEAN Strategies for Synthesizing Images of Molecular Line Emission in Protoplanetary Disks. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 2.	7.7	58
35	Molecules with ALMA at Planet-forming Scales (MAPS). XI. CN and HCN as Tracers of Photochemistry in Disks. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 11.	7.7	25
36	Observing protoplanetary discs with the Square Kilometre Array – I. Characterizing pebble substructure caused by forming planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5116-5127.	4.4	11

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37	The composition of hot Jupiter atmospheres assembled within chemically evolved protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2229-2244.	4.4	27
38	An Unbiased ALMA Spectral Survey of the LkCa 15 and MWC 480 Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 893, 101.	4.5	38
39	Chemical modelling of dust-gas chemistry within AGB outflows II. Effect of the dust-grain size distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1650-1665.	4.4	6
40	Chemical modelling of dust-gas chemistry within AGB outflows III. Photoprocessing of the ice and return to the ISM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 491-506.	4.4	5
41	Temperature Structures of Embedded Disks: Young Disks in Taurus Are Warm. <i>Astrophysical Journal</i> , 2020, 901, 166.	4.5	49
42	The First Detection of $^{13}\text{C}^{17}\text{O}$ in a Protoplanetary Disk: A Robust Tracer of Disk Gas Mass. <i>Astrophysical Journal Letters</i> , 2019, 882, L31.	8.3	54
43	Chronology of Episodic Accretion in Protostars: An ALMA Survey of the CO and H_2O Snowlines. <i>Astrophysical Journal</i> , 2019, 884, 149.	4.5	47
44	Cometary compositions compared with protoplanetary disk midplane chemical evolution. <i>Astronomy and Astrophysics</i> , 2019, 629, A84.	5.1	25
45	Chemical modelling of dust-gas chemistry within AGB outflows I. Effect on the gas-phase chemistry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2023-2041.	4.4	15
46	First detections of H^{13}CO^+ and HC^{15}N in the disk around HD 97048. <i>Astronomy and Astrophysics</i> , 2019, 629, A75.	5.1	9
47	Discovery of An au-scale Excess in Millimeter Emission from the Protoplanetary Disk around TW Hya. <i>Astrophysical Journal Letters</i> , 2019, 878, L8.	8.3	37
48	Dust Continuum Emission and the Upper Limit Fluxes of Submillimeter Water Lines of the Protoplanetary Disk around HD 163296 Observed by ALMA. <i>Astrophysical Journal</i> , 2019, 875, 96.	4.5	28
49	Upper limits on CH_3OH in the HD 163296 protoplanetary disk. <i>Astronomy and Astrophysics</i> , 2019, 623, A124.	5.1	33
50	The Nitrogen Carrier in Inner Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 874, 92.	4.5	18
51	Complex organic molecules tracing the comet-forming zones in protoplanetary disks. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 463-464.	0.0	0
52	Molecular line emission from planet-forming Herbig Ae disks. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 384-385.	0.0	0
53	VLA cm-wave survey of young stellar objects in the Oph A cluster: constraining extreme UV- and X-ray-driven disk photoevaporation. <i>Astronomy and Astrophysics</i> , 2019, 631, A58.	5.1	6
54	Abundant Refractory Sulfur in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 885, 114.	4.5	52

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55	Observing substructure in circumstellar discs around massive young stellar objects. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4673-4686.	4.4	19
56	The Effect of Carbon Grain Destruction on the Chemical Structure of Protoplanetary Disks. Astrophysical Journal, 2019, 870, 129.	4.5	19
57	Formation of cometary O ₂ ice and related ice species on grain surfaces in the midplane of the pre-solar nebula. Astronomy and Astrophysics, 2019, 621, A75.	5.1	17
58	Detecting Weak Spectral Lines in Interferometric Data through Matched Filtering. Astronomical Journal, 2018, 155, 182.	4.7	56
59	Candidate Water Vapor Lines to Locate the H ₂ O Snowline through High-dispersion Spectroscopic Observations. III. Submillimeter H ₂ O ¹⁶ O and H ₂ O ¹⁸ O Lines. Astrophysical Journal, 2018, 855, 62.	4.5	18
60	The Distribution and Excitation of CH ₃ CN in a Solar Nebula Analog. Astrophysical Journal, 2018, 859, 131.	4.5	65
61	CO destruction in protoplanetary disk midplanes: Inside versus outside the CO snow surface. Astronomy and Astrophysics, 2018, 618, A182.	5.1	94
62	Linking interstellar and cometary O ₂ : a deep search for ¹⁶ O ¹⁸ O in the solar-type protostar IRAS 16293â€“2422. Astronomy and Astrophysics, 2018, 618, A11.	5.1	22
63	Chemistry in carbon-rich protoplanetary disks: Effect of carbon grain destruction. Proceedings of the International Astronomical Union, 2018, 14, 289-290.	0.0	0
64	ALMA observations of sulfur-bearing molecules in protoplanetary disks. Proceedings of the International Astronomical Union, 2018, 14, 360-361.	0.0	0
65	Sulphur monoxide exposes a potential molecular disk wind from the planet-hosting disk around HD 100546. Astronomy and Astrophysics, 2018, 611, A16.	5.1	34
66	Complex cyanides as chemical clocks in hot cores. Astronomy and Astrophysics, 2018, 616, A67.	5.1	9
67	Possibility to locate the position of the H ₂ O snowline in protoplanetary disks through spectroscopic observations. Proceedings of the International Astronomical Union, 2018, 14, 393-395.	0.0	0
68	Probing Episodic Accretion in Very Low Luminosity Objects. Astrophysical Journal, 2018, 854, 15.	4.5	25
69	Molecular abundances and C/O ratios in chemically evolving planet-forming disk midplanes. Astronomy and Astrophysics, 2018, 613, A14.	5.1	100
70	Probing midplane CO abundance and gas temperature with DCO ⁺ in the protoplanetary disk around HD 169142. Astronomy and Astrophysics, 2018, 614, A106.	5.1	31
71	Methanol ice co-desorption as a mechanism to explain cold methanol in the gas-phase. Astronomy and Astrophysics, 2018, 612, A88.	5.1	21
72	Negative Ions in Space. Chemical Reviews, 2017, 117, 1765-1795.	47.7	176

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73	Grain Surface Models and Data for Astrochemistry. <i>Space Science Reviews</i> , 2017, 212, 1-58.	8.1	177
74	Candidate Water Vapor Lines to Locate the H ₂ O Snowline Through High-dispersion Spectroscopic Observations. II. The Case of a Herbig Ae Star. <i>Astrophysical Journal</i> , 2017, 836, 118.	4.5	34
75	Sensitivity Analysis of Grain Surface Chemistry to Binding Energies of Ice Species. <i>Astrophysical Journal</i> , 2017, 844, 71.	4.5	84
76	Methanol formation in TWÂHya and future prospects for detecting larger complex molecules in disks with ALMA. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 395-402.	0.0	7
77	Water delivery from cores to disks: Deuteration as a probe of the prestellar inheritance of H ₂ O. <i>Astronomy and Astrophysics</i> , 2017, 599, A40.	5.1	38
78	Robustness of N ₂ H ⁺ as tracer of the CO snowline. <i>Astronomy and Astrophysics</i> , 2017, 599, A101.	5.1	70
79	On the origin of O ₂ and other volatile species in comets. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 187-195.	0.0	3
80	Possibility to locate the position of the H ₂ O snowline in protoplanetary disks through spectroscopic observations. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 113-120.	0.0	0
81	Chemical evolution in planet-forming regions. Impact on volatile abundances and C/O ratios of planet-building material. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 69-72.	0.0	0
82	Surface astrochemistry: a computational chemistry perspective. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 293-304.	0.0	2
83	ALMA unveils rings and gaps in the protoplanetary system HD 169142: signatures of two giant protoplanets. <i>Astronomy and Astrophysics</i> , 2017, 600, A72.	5.1	176
84	CO emission tracing a warp or radial flow within ≈ 100 au in the HD 100546 protoplanetary disk. <i>Astronomy and Astrophysics</i> , 2017, 607, A114.	5.1	46
85	ALMA REVEALS THE ANATOMY OF THE mm-SIZED DUST AND MOLECULAR GAS IN THE HD 97048 DISK. <i>Astrophysical Journal</i> , 2016, 831, 200.	4.5	42
86	ALMA-resolved salt emission traces the chemical footprint and inner wind morphology of VY Canis Majoris. <i>Astronomy and Astrophysics</i> , 2016, 592, A76.	5.1	21
87	Setting the volatile composition of (exo)planet-building material. <i>Astronomy and Astrophysics</i> , 2016, 595, A83.	5.1	123
88	Chemistry and distribution of daughter species in the circumstellar envelopes of O-rich AGB stars. <i>Astronomy and Astrophysics</i> , 2016, 588, A4.	5.1	31
89	CANDIDATE WATER VAPOR LINES TO LOCATE THE H ₂ O SNOWLINE THROUGH HIGH-DISPERSION SPECTROSCOPIC OBSERVATIONS. I. THE CASE OF A T TAURI STAR. <i>Astrophysical Journal</i> , 2016, 827, 113.	4.5	58
90	ALMA OBSERVATIONS OF A GAP AND A RING IN THE PROTOPLANETARY DISK AROUND TW HYA. <i>Astrophysical Journal Letters</i> , 2016, 819, L7.	8.3	105

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91	A primordial origin for molecular oxygen in comets: a chemical kinetics study of the formation and survival of O ₂ ice from clouds to discs. Monthly Notices of the Royal Astronomical Society, 2016, 462, S99-S115.	4.4	70
92	Grand Challenges in Protoplanetary Disc Modelling. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	61
93	A GAP WITH A DEFICIT OF LARGE GRAINS IN THE PROTOPLANETARY DISK AROUND TW Hya. Astrophysical Journal Letters, 2016, 829, L35.	8.3	90
94	Cometary ices in forming protoplanetary disc midplanes. Monthly Notices of the Royal Astronomical Society, 2016, 462, 977-993.	4.4	73
95	FIRST DETECTION OF GAS-PHASE METHANOL IN A PROTOPLANETARY DISK. Astrophysical Journal Letters, 2016, 823, L10.	8.3	166
96	The complex chemistry of outflow cavity walls exposed: the case of low-mass protostars. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3836-3856.	4.4	42
97	Resolving structure of the disc around HD100546 at 7Åmm with ATCA. Monthly Notices of the Royal Astronomical Society, 2015, 453, 414-438.	4.4	32
98	The molecular composition of the planet-forming regions of protoplanetary disks across the luminosity regime. Astronomy and Astrophysics, 2015, 582, A88.	5.1	133
99	Chemical complexity in protoplanetary disks in the era of ALMA and Rosetta. EAS Publications Series, 2015, 75-76, 315-320.	0.3	0
100	A low-mass protostar's disk-envelope interface: disk-shadowing evidence from ALMA DCO ⁺ observations of VLA1623. Astronomy and Astrophysics, 2015, 579, A114.	5.1	32
101	Photodesorption of H ₂ O, HDO, and D ₂ O ice and its impact on fractionation. Astronomy and Astrophysics, 2015, 575, A121.	5.1	30
102	Unraveling the Dust Formation Process in R Dor. EAS Publications Series, 2015, 71-72, 255-257.	0.3	1
103	Interstellar Methanol from the Lab to Protoplanetary Disks. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0
104	Abundant molecular oxygen in the coma of comet 67P/Churyumov-Gerasimenko. Nature, 2015, 526, 678-681.	27.8	260
105	Sequential planet formation in the HD 100546 protoplanetary disk?. Astronomy and Astrophysics, 2015, 580, A105.	5.1	35
106	Tracing the disk, envelope and outflow cavity of VLA1623 with ALMA. EAS Publications Series, 2015, 75-76, 287-288.	0.3	0
107	Water transport from collapsing prestellar cores to forming disks: evolution of the HDO/H ₂ O ratio. EAS Publications Series, 2015, 75-76, 259-263.	0.3	0
108	Photodissociation and chemistry of N ₂ in the circumstellar envelope of carbon-rich AGB stars. Astronomy and Astrophysics, 2014, 568, A111.	5.1	29

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109	Methanol along the path from envelope to protoplanetary disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 913-929.	4.4	55
110	An end-to-end Far-infrared Interferometer Instrument Simulator (FIInS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
111	ALMA HINTS AT THE PRESENCE OF TWO COMPANIONS IN THE DISK AROUND HD 100546. <i>Astrophysical Journal Letters</i> , 2014, 791, L6.	8.3	114
112	Complex organic molecules along the accretion flow in isolated and externally irradiated protoplanetary disks. <i>Faraday Discussions</i> , 2014, 168, 389-421.	3.2	23
113	Highlights from Faraday Discussion 168: Astrochemistry of Dust, Ice and Gas, Leiden, The Netherlands, April 2014. <i>Chemical Communications</i> , 2014, 50, 13636-13644.	4.1	0
114	Water in low-mass star-forming regions with <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2014, 572, A81.	5.1	26
115	Complex organic molecules in protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2014, 563, A33.	5.1	169
116	MOLECULAR LINE EMISSION FROM A PROTOPLANETARY DISK IRRADIATED EXTERNALLY BY A NEARBY MASSIVE STAR. <i>Astrophysical Journal Letters</i> , 2013, 766, L23.	8.3	27
117	The UMIST database for astrochemistry 2012. <i>Astronomy and Astrophysics</i> , 2013, 550, A36.	5.1	714
118	Cosmic Rays, UV Photons, and Haze Formation in the Upper Atmospheres of Hot Jupiters. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 303-304.	0.0	2
119	Water in Protoplanetary Disks. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 235-237.	0.0	0
120	CHEMICAL PROCESSES IN PROTOPLANETARY DISKS. II. ON THE IMPORTANCE OF PHOTOCHEMISTRY AND X-RAY IONIZATION. <i>Astrophysical Journal</i> , 2012, 747, 114.	4.5	123
121	The chemistry of extragalactic carbon stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2689-2702.	4.4	10
122	DISCOVERY OF INTERSTELLAR ANIONS IN CEPHEUS AND AURIGA. <i>Astrophysical Journal Letters</i> , 2011, 730, L18.	8.3	42
123	CHEMICAL EVOLUTION OF PROTOPLANETARY DISKS—THE EFFECTS OF VISCOUS ACCRETION, TURBULENT MIXING, AND DISK WINDS. <i>Astrophysical Journal</i> , 2011, 731, 115.	4.5	82
124	CH abundance gradient in TMC-1. <i>Astronomy and Astrophysics</i> , 2011, 531, A121.	5.1	22
125	Hot core chemistry in young stellar objects: protoplanetary disks and outflows. <i>EAS Publications Series</i> , 2011, 52, 229-234.	0.3	1
126	CHEMICAL PROCESSES IN PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2010, 722, 1607-1623.	4.5	168

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127	Dissociative recombination of the acetaldehyde cation, CH ₃ CHO ⁺ . Physical Chemistry Chemical Physics, 2010, 12, 11670.	2.8	8
128	DISSOCIATIVE RECOMBINATION OF PROTONATED FORMIC ACID: IMPLICATIONS FOR MOLECULAR CLOUD AND COMETARY CHEMISTRY. Astrophysical Journal, 2010, 709, 1429-1434.	4.5	19
129	THE DISSOCIATIVE RECOMBINATION OF PROTONATED ACRYLONITRILE, CH ₂ CHCNH ⁺ , WITH IMPLICATIONS FOR THE NITRILE CHEMISTRY IN DARK MOLECULAR CLOUDS AND THE UPPER ATMOSPHERE OF TITAN. Astrophysical Journal, 2009, 695, 317-324.	4.5	24
130	THE EFFECTS OF MOLECULAR ANIONS ON THE CHEMISTRY OF DARK CLOUDS. Astrophysical Journal, 2009, 700, 752-761.	4.5	76
131	Organic molecular anions in interstellar and circumstellar environments. Proceedings of the International Astronomical Union, 2008, 4, 157-160.	0.0	8
132	Dissociative Recombination of D ₃ S ⁺ : Product Branching Fractions and Absolute Cross Sections. Astrophysical Journal, 2008, 681, 1717-1724.	4.5	9
133	Hydrocarbon Anions in Interstellar Clouds and Circumstellar Envelopes. Astrophysical Journal, 2007, 662, L87-L90.	4.5	98
134	Complex Organic Molecules tracing shocks along the outflow cavity in the high-mass protostar IRAS20126+4104. Monthly Notices of the Royal Astronomical Society, 0, , stx004.	4.4	20