

# Michael Barlow

## List of Publications by Year in descending order

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364  
papers

19,618  
citations

10351

72  
h-index

15218

126  
g-index

374  
all docs

374  
docs citations

374  
times ranked

8299  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Herschel-SPIRE instrument and its in-flight performance. <i>Astronomy and Astrophysics</i> , 2010, 518, L3.	2.1	1,744
2	Clouds, filaments, and protostars: The Hi-GAL Milky Way. <i>Astronomy and Astrophysics</i> , 2010, 518, L100.	2.1	573
3	The Radio and Infrared Spectrum of Early-type Stars Undergoing Mass Loss. <i>Monthly Notices of the Royal Astronomical Society</i> , 1975, 170, 41-51.	1.6	533
4	Elemental abundances for a sample of southern galactic planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 271, 257-299.	1.6	443
5	Hi-GAL: The Herschel Infrared Galactic Plane Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 314-325.	1.0	440
6	The INT Photometric H $\alpha$ Survey of the Northern Galactic Plane (IPHAS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 753-776.	1.6	395
7	Terminal velocities for a large sample of O stars, B supergiants, and Wolf-Rayet stars. <i>Astrophysical Journal</i> , 1990, 361, 607.	1.6	330
8	Herschel Detects a Massive Dust Reservoir in Supernova 1987A. <i>Science</i> , 2011, 333, 1258-1261.	6.0	294
9	NGC 6153: a super-metal-rich planetary nebula?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 585-628.	1.6	292
10	A 100 pc ELLIPTICAL AND TWISTED RING OF COLD AND DENSE MOLECULAR CLOUDS REVEALED BY HERSCHEL AROUND THE GALACTIC CENTER. <i>Astrophysical Journal Letters</i> , 2011, 735, L33.	3.0	270
11	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	1.6	249
12	The Herschel Reference Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 261-287.	1.0	235
13	The VST Photometric H $\alpha$ Survey of the Southern Galactic Plane and Bulge (VPHAS+). <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2036-3058.	1.6	197
14	In-flight calibration of the Herschel-SPIRE instrument. <i>Astronomy and Astrophysics</i> , 2010, 518, L4.	2.1	195
15	Quantitative classification of WC and WO stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 367-378.	1.6	194
16	Optical, infrared and millimetre-wave properties of Vega-like systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 279, 915-939.	1.6	193
17	Spectral irradiance calibration in the infrared. I - Ground-based and IRAS broadband calibrations. <i>Astronomical Journal</i> , 1992, 104, 1650.	1.9	192
18	Hi-GAL, the Herschel infrared Galactic Plane Survey: photometric maps and compact source catalogues. <i>Astronomy and Astrophysics</i> , 2016, 591, A149.	2.1	189

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19	MOCASSIN: a fully three-dimensional Monte Carlo photoionization code. Monthly Notices of the Royal Astronomical Society, 2003, 340, 1136-1152.	1.6	187
20	<i>Herschel</i> and SCUBA-2 imaging and spectroscopy of a bright, lensed submillimetre galaxy at <math>z = 2.3</math>. Astronomy and Astrophysics, 2010, 518, L35.	2.1	179
21	The global gas and dust budget of the Large Magellanic Cloud: AGB stars and supernovae, and the impact on the ISM evolution. Monthly Notices of the Royal Astronomical Society, 2009, 396, 918-934.	1.6	176
22	An Overview of the Dwarf Galaxy Survey. Publications of the Astronomical Society of the Pacific, 2013, 125, 600-635.	1.0	172
23	DUST PRODUCTION AND PARTICLE ACCELERATION IN SUPERNOVA 1987A REVEALED WITH ALMA. Astrophysical Journal Letters, 2014, 782, L2.	3.0	170
24	Massive-Star Supernovae as Major Dust Factories. Science, 2006, 313, 196-200.	6.0	169
25	Detection of a Noble Gas Molecular Ion, $\text{ArH}^+$ , in the Crab Nebula. Science, 2013, 342, 1343-1345.	6.0	164
26	A COOL DUST FACTORY IN THE CRAB NEBULA: A <i>HERSCHEL</i> STUDY OF THE FILAMENTS. Astrophysical Journal, 2012, 760, 96.	1.6	162
27	Infrared photometry and mass loss rates for OBA supergiants and Of stars. Astrophysical Journal, 1977, 213, 737.	1.6	162
28	The dusty MOCASSIN: fully self-consistent 3D photoionization and dust radiative transfer models. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1038-1046.	1.6	158
29	Dust features in the $10\text{-}\frac{1}{4}\mu\text{m}$ infrared spectra of oxygen-rich evolved stars. Astronomy and Astrophysics, 2000, 146, 437-464.	2.1	158
30	A <i>Herschel</i> PACS and SPIRE study of the dust content of the Cassiopeia supernova remnant. Astronomy and Astrophysics, 2010, 518, L138.	2.1	156
31	A STUBBORNLY LARGE MASS OF COLD DUST IN THE EJECTA OF SUPERNOVA 1987A. Astrophysical Journal, 2015, 800, 50.	1.6	148
32	Chemical abundances of planetary nebulae from optical recombination lines - III. The Galactic bulge PN M 1-42 and M 2-36. Monthly Notices of the Royal Astronomical Society, 2001, 327, 141-168.	1.6	143
33	Heavy elements in Galactic and Magellanic Cloud H&K regions: recombination-line versus forbidden-line abundances. Monthly Notices of the Royal Astronomical Society, 2003, 338, 687-710.	1.6	131
34	The second data release of the INT Photometric H&K Survey of the Northern Galactic Plane (IPHAS DR2). Monthly Notices of the Royal Astronomical Society, 2014, 444, 3230-3257.	1.6	131
35	The <i>Herschel</i> Space Observatory view of dust in M81. Astronomy and Astrophysics, 2010, 518, L65.	2.1	129
36	Candidate Main Sequence Stars with Debris Disks: A New Sample of Vega-like Sources. Astrophysical Journal, 1998, 497, 330-341.	1.6	124

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37	The rich O II recombination spectrum of the planetary nebula NGC 7009: new observations and atomic data. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 272, 369-388.	1.6	122
38	Revealing the cold dust in low-metallicity environments. <i>Astronomy and Astrophysics</i> , 2013, 557, A95.	2.1	120
39	Crystalline silicate dust around evolved stars. <i>Astronomy and Astrophysics</i> , 2002, 382, 184-221.	2.1	119
40	The dust mass in Cassiopeia A from a spatially resolved <i>Herschel</i> analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3309-3342.	1.6	117
41	Mass-loss rates for 21 Wolf-Rayet stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1981, 196, 101-110.	1.6	113
42	Discovery of Far-Infrared Pure Rotational Transitions of CH[TSUP]+[TSUP] in NGC 7027. <i>Astrophysical Journal</i> , 1997, 483, L65-L68.	1.6	105
43	A deep survey of heavy element lines in planetary nebulae - I. Observations and forbidden-line densities, temperatures and abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, 186-220.	1.6	104
44	The timing and location of dust formation in the remnant of SN1987A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2089-2101.	1.6	103
45	The destruction and growth of dust grains in interstellar space - I. Destruction by sputtering. <i>Monthly Notices of the Royal Astronomical Society</i> , 1978, 183, 367-395.	1.6	100
46	The space infrared telescope for cosmology and astrophysics: SPICA A joint mission between JAXA and ESA. <i>Experimental Astronomy</i> , 2009, 23, 193-219.	1.6	100
47	EChO. <i>Experimental Astronomy</i> , 2012, 34, 311-353.	1.6	98
48	<i>Herschel</i> images of Fomalhaut. <i>Astronomy and Astrophysics</i> , 2012, 540, A125.	2.1	95
49	High-resolution spectroscopy of Vega-like stars -- I. Effective temperatures, gravities and photospheric abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 604-616.	1.6	94
50	Detection of carbonates in dust shells around evolved stars. <i>Nature</i> , 2002, 415, 295-297.	13.7	94
51	A deep survey of heavy element lines in planetary nebulae - II. Recombination-line abundances and evidence for cold plasma. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 953-979.	1.6	94
52	THE DUST AND GAS CONTENT OF THE CRAB NEBULA. <i>Astrophysical Journal</i> , 2015, 801, 141.	1.6	94
53	ISO LWS observations of planetary nebula fine-structure lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 343-361.	1.6	93
54	MESS (Mass-loss of Evolved StarS), a <i>Herschel</i> key program. <i>Astronomy and Astrophysics</i> , 2011, 526, A162.	2.1	93

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55	A mid-infrared imaging catalogue of post-asymptotic giant branch stars... Monthly Notices of the Royal Astronomical Society, 2011, 417, 32-92.	1.6	93
56	Dust yields in clumpy supernova shells: SN 1987A revisited. Monthly Notices of the Royal Astronomical Society, 2007, 375, 753-763.	1.6	90
57	The abundance discrepancy - recombination line versus forbidden line abundances for a northern sample of galactic planetary nebulae. Monthly Notices of the Royal Astronomical Society, 2005, 362, 424-454.	1.6	89
58	A 3D extinction map of the northern Galactic plane based on IPHAS photometry. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2907-2922.	1.6	88
59	The nature of the silicon carbide in carbon star outflows. Monthly Notices of the Royal Astronomical Society, 1997, 288, 431-456.	1.6	87
60	Warm water vapour in the sooty outflow from a luminous carbon star. Nature, 2010, 467, 64-67.	13.7	87
61	<scp>3d-pdr</scp>: a new three-dimensional astrochemistry code for treating photodissociation regions. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2100-2118.	1.6	87
62	Water Ice, Silicate, and Polycyclic Aromatic Hydrocarbon Emission Features in the [ITAL]Infrared Space Observatory[/ITAL] Spectrum of the Carbon-rich Planetary Nebula CPD $\alpha^{\circ}56^{\circ}8032$ . Astrophysical Journal, 1999, 513, L135-L138.	1.6	85
63	Initial data release from the INT Photometric H Survey of the Northern Galactic Plane (IPHAS). Monthly Notices of the Royal Astronomical Society, 2008, 388, 89-104.	1.6	85
64	The Necklace: equatorial and polar outflows from the binary central star of the new planetary nebula IPHAS $\alpha^{\circ}194359.5+170901$ . Monthly Notices of the Royal Astronomical Society, 2011, 410, 1349-1359.	1.6	85
65	Dust in historical Galactic Type Ia supernova remnants with Herschel... Monthly Notices of the Royal Astronomical Society, 2012, 420, 3557-3573.	1.6	82
66	Methanol ice in the protostar GL 2136. Astrophysical Journal, 1992, 399, L79.	1.6	81
67	Chemical abundances of planetary nebulae from optical recombination lines - II. Abundances derived from collisionally excited lines and optical recombination lines. Monthly Notices of the Royal Astronomical Society, 2004, 353, 1251-1285.	1.6	79
68	Chemical abundances for Hf 2-2, a planetary nebula with the strongest-known heavy-element recombination lines. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1959-1970.	1.6	79
69	The nature of the interstellar medium of the starburst low-metallicity galaxy Haro $\alpha^{\circ}11$ : a multi-phase model of the infrared emission. Astronomy and Astrophysics, 2012, 548, A20.	2.1	78
70	Physical conditions in the planetary nebula Abell 30. Monthly Notices of the Royal Astronomical Society, 2003, 340, 253-263.	1.6	76
71	SN 2007od: A TYPE IIP SUPERNOVA WITH CIRCUMSTELLAR INTERACTION. Astrophysical Journal, 2010, 715, 541-549.	1.6	76
72	The enigmatic nature of the circumstellar envelope and bow shock surrounding Betelgeuse as revealed by <i>Herschel</i>. Astronomy and Astrophysics, 2012, 548, A113.	2.1	76

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73	Discovery of a massive equatorial torus in the $\hat{\iota}$ Carinae stellar system. <i>Nature</i> , 1999, 402, 502-504.	13.7	73
74	The Ultra-High-Resolution Facility at the Anglo-Australian Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 272, 323-332.	1.6	71
75	Probing the molecular interstellar medium of M82 with <i>Herschel</i> -SPIRE spectroscopy. <i>Astronomy and Astrophysics</i> , 2010, 518, L37.	2.1	71
76	High Angular Resolution ALMA Images of Dust and Molecules in the SN 1987A Ejecta. <i>Astrophysical Journal</i> , 2019, 886, 51.	1.6	71
77	Alignment in star $\hat{c}$ debris disc systems seen by <i>Herschel</i> . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 438, L31-L35.	1.2	69
78	Modelling supernova line profile asymmetries to determine ejecta dust masses: SN 1987A from days 714 to 3604. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1269-1293.	1.6	69
79	A high-resolution line survey of IRC $\hat{c}$ +10216 with <i>Herschel</i> /HIFI. <i>Astronomy and Astrophysics</i> , 2010, 521, L8.	2.1	68
80	High-resolution spectroscopy of Vega-like stars -- II. Age indicators, activity and circumstellar gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 290, 165-185.	1.6	67
81	The 1979 outburst of U Scorpii. <i>Monthly Notices of the Royal Astronomical Society</i> , 1981, 195, 61-78.	1.6	66
82	An optical spectrophotometric survey of abundances in Magellanic Cloud Planetary Nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 234, 583-624.	1.6	65
83	The complete ISO spectrum of NGC 6302. <i>Astronomy and Astrophysics</i> , 2001, 372, 165-172.	2.1	65
84	Integrated spectrum of the planetary nebula NGC 7027. <i>Astronomy and Astrophysics</i> , 2005, 442, 249-262.	2.1	65
85	SPIRE imaging of M $\hat{c}$ 82: Cool dust in the wind and tidal streams. <i>Astronomy and Astrophysics</i> , 2010, 518, L66.	2.1	65
86	The planetary nebula NGC 3918. <i>Astrophysical Journal</i> , 1987, 314, 551.	1.6	62
87	Chemical abundances of planetary nebulae from optical recombination lines - I. Observations and plasma diagnostics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 1231-1250.	1.6	61
88	An infrared photometric survey of planetary nebulae. <i>Astrophysical Journal</i> , 1974, 193, 401.	1.6	60
89	On the physical structure of IRC $\hat{c}$ +10216. <i>Astronomy and Astrophysics</i> , 2012, 539, A108.	2.1	59
90	An ISO Long Wavelength Spectrometer detection of CH in NGC 7027 and an HeH + upper limit. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 290, L71-L75.	1.6	58

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91	The determination of the masses of Magellanic Cloud planetary nebulae using [O II] doublet ratio electron densities. <i>Monthly Notices of the Royal Astronomical Society</i> , 1987, 227, 161-183.	1.6	57
92	A starburst origin of the OH-megamaser emission from the galaxy Arp220. <i>Nature</i> , 1997, 386, 472-474.	13.7	56
93	A reexamination of electron density diagnostics for ionized gaseous nebulae. <i>Astronomy and Astrophysics</i> , 2004, 427, 873-886.	2.1	56
94	A Planetary Nebula around Nova V458 Vulpeculae Undergoing Flash Ionization. <i>Astrophysical Journal</i> , 2008, 688, L21-L24.	1.6	56
95	The determination of wind terminal velocities and ionic abundances from infrared fine-structure lines: the WC8 component of $\hat{A}$ Velorum. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 232, 821-834.	1.6	55
96	A VLT VIMOS study of the anomalous BCD Mrk996: mapping the ionized gas kinematics and abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 2-22.	1.6	55
97	EVIDENCE FOR PRE-EXISTING DUST IN THE BRIGHT TYPE II SN 2010jl. <i>Astronomical Journal</i> , 2011, 142, 45.	1.9	55
98	Temperature effects on the 15-85 $\hat{A}$ m spectra of olivines and pyroxenes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 886-896.	1.6	53
99	PHOTOMETRIC AND SPECTROSCOPIC EVOLUTION OF THE IIP SN 2007it TO DAY 944. <i>Astrophysical Journal</i> , 2011, 731, 47.	1.6	53
100	Dust masses for SN 1980K, SN1993J and Cassiopeia A from red-blue emission line asymmetries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4044-4056.	1.6	53
101	The hydrogen-deficient knot of the $\hat{A}$ born-again <sup>TM</sup> planetary nebula Abell 58 (V605 Aql). <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 383, 1639-1648.	1.6	52
102	Silicate and hydrocarbon emission from Galactic M supergiants. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 301, 1083-1094.	1.6	50
103	The abundance distributions of Galactic bulge and disc planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1291-1322.	1.6	49
104	Integral field spectroscopy of planetary nebulae: mapping the line diagnostics and hydrogen-poor zones with VLT FLAMES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 22-46.	1.6	49
105	First release of the IPHAS catalogue of new extended planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3388-3401.	1.6	49
106	SPECTRAL AND MORPHOLOGICAL ANALYSIS OF THE REMNANT OF SUPERNOVA 1987A WITH ALMA AND ATCA. <i>Astrophysical Journal</i> , 2014, 796, 82.	1.6	49
107	The destruction and growth of dust grains in interstellar space - III. Surface recombination, heavy element depletion and mantle growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 1978, 183, 417-434.	1.6	47
108	The S[CLC]i/[CLC]C Problem: Astronomical and Meteoritic Evidence. <i>Astrophysical Journal</i> , 1999, 513, L87-L90.	1.6	47

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109	<i>Herschel</i> photometric observations of the nearby low metallicity irregular galaxy NGC 6822. <i>Astronomy and Astrophysics</i> , 2010, 518, L55.	2.1	47
110	Distinguishing between HII regions and planetary nebulae with Hi-GAL, WISE, MIPS GAL, and GLIMPSE. <i>Astronomy and Astrophysics</i> , 2012, 537, A1.	2.1	46
111	The circumstellar dust shell of the post-AGB star HD 161796. <i>Astronomy and Astrophysics</i> , 2002, 389, 547-555.	2.1	45
112	IPHAS and the symbiotic stars. <i>Astronomy and Astrophysics</i> , 2010, 509, A41.	2.1	45
113	The Vega debris disc: A view from <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2010, 518, L130.	2.1	44
114	THE CIRCUMSTELLAR ENVIRONMENT OF R CORONAE BOREALIS: WHITE DWARF MERGER OR FINAL-HELIUM-SHELL FLASH?. <i>Astrophysical Journal</i> , 2011, 743, 44.	1.6	44
115	An independent distance estimate to CW Leonis. <i>Astronomy and Astrophysics</i> , 2012, 543, L8.	2.1	44
116	Dust survival rates in clumps passing through the Cas A reverse shock I. Results for a range of clump densities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4465-4496.	1.6	44
117	H <sub>2</sub> recombination on interstellar grains. <i>Astrophysical Journal</i> , 1976, 207, 131.	1.6	43
118	Infrared photometry of southern planetary nebulae and emission-line objects. <i>Astrophysical Journal</i> , 1980, 238, 585.	1.6	43
119	The WC10 central stars CPD-56 8032 and He 2-113-I. Distances and nebular parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 292, 86-104.	1.6	42
120	The dust morphology of the elliptical Galaxy M86 with SPIRE. <i>Astronomy and Astrophysics</i> , 2010, 518, L45.	2.1	42
121	Comet-like mineralogy of olivine crystals in an extrasolar proto-Kuiper belt. <i>Nature</i> , 2012, 490, 74-76.	13.7	42
122	The dual dust chemistries of planetary nebulae with [WCL] central stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 879-890.	1.6	41
123	Three-dimensional photoionization modelling of the hydrogen-deficient knots in the planetary nebula Abell 30. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, 1145-1154.	1.6	41
124	The Lyman break analogue Haro 11: spatially resolved chemodynamics with VLT FLAMES.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2097-2112.	1.6	41
125	<i>HERSCHEL</i> /SPIRE SUBMILLIMETER SPECTRA OF LOCAL ACTIVE GALAXIES. <i>Astrophysical Journal</i> , 2013, 768, 55.	1.6	41
126	The wind of W Hydrae as seen by <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2014, 561, A5.	2.1	41



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127	Sputtering in interstellar shocks - A model for heavy element depletion. <i>Astrophysical Journal</i> , 1977, 211, L83.	1.6	41
128	Three-dimensional photoionization modelling of the planetary nebula NGC 3918. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 1153-1172.	1.6	40
129	The orbital period of V458 Vulpeculae, a post-double common-envelope nova. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 407, L21-L25.	1.2	40
130	DISCOVERY OF TIME VARIATION OF THE INTENSITY OF MOLECULAR LINES IN IRC+10216 IN THE SUBMILLIMETER AND FAR-INFRARED DOMAINS. <i>Astrophysical Journal Letters</i> , 2014, 796, L21.	3.0	40
131	A far-infrared molecular and atomic line survey of the Orion KL region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 597-628.	1.6	39
132	Detection of anhydrous hydrochloric acid, HCl, in IRC+10216 with the Herschel SPIRE and PACS spectrometers. <i>Astronomy and Astrophysics</i> , 2010, 518, L136.	2.1	39
133	Temperature variations from Hubble Space Telescope imagery and spectroscopy of NGC 7009. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 334, 777-786.	1.6	38
134	Observations and three-dimensional photoionization modelling of the Wolf-Rayet planetary nebula NGC 1501. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 558-574.	1.6	37
135	The destruction and survival of dust in the shell around SN 2008S. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 474-482.	1.6	37
136	IPHAS extinction distances to planetary nebulae. <i>Astronomy and Astrophysics</i> , 2011, 525, A58.	2.1	37
137	The effects of dust on the optical and infrared evolution of SN 2004et. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1285-1307.	1.6	37
138	Distances for galactic planetary nebulae using mean forbidden [O II] doublet ratio electron densities. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 257, 317-339.	1.6	36
139	The 69- $\mu$ m forsterite band as a dust temperature indicator. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 331, L1-L6.	1.6	36
140	CARBON MONOXIDE IN THE COLD DEBRIS OF SUPERNOVA 1987A. <i>Astrophysical Journal Letters</i> , 2013, 773, L34.	3.0	36
141	ALMA spectral survey of Supernova 1987A – molecular inventory, chemistry, dynamics and explosive nucleosynthesis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3347-3362.	1.6	36
142	SOFIA mid-infrared observations of Supernova 1987A in 2016 – forward shocks and possible dust re-formation in the post-shocked region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1715-1723.	1.6	36
143	The shock-excited P Cygni nebula. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 268, L29-L34.	1.6	35
144	Detection of a variable interstellar absorption component towards $\theta$ Orionis A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, L43-L48.	1.6	35

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145	$\hat{\iota}$ -Carinae's Dusty Homunculus Nebula from Near-infrared to Submillimeter Wavelengths: Mass, Composition, and Evidence for Fading Opacity. <i>Astrophysical Journal</i> , 2017, 842, 79.	1.6	35
146	First results from the UHRF: ultra-high-resolution observations of atomic interstellar lines towards $\hat{\iota}$ Ophiuchi. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 272, 333-345.	1.6	34
147	The coronal line regions of planetary nebulae NGC 6302 and 6537: 3-13 $\hat{\text{A}}$ m grating and echelle spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 657-671.	1.6	34
148	A search for ejecta nebulae around Wolf-Rayet stars using the SHS $\hat{\text{H}}\hat{\alpha}$ survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1429-1440.	1.6	34
149	A VLT VIMOS integral-field spectroscopic study of perturbed blue compact galaxies: UM 420 and UM 462. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 759-774.	1.6	34
150	Mapping the interstellar medium in galaxies with <i>Herschel</i> /SPIRE. <i>Astronomy and Astrophysics</i> , 2010, 518, L62.	2.1	34
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