

Janet E. Drew

List of Publications by Year in descending order

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121
papers

5,620
citations

109321

35
h-index

85541

71
g-index

121
all docs

121
docs citations

121
times ranked

3812
citing authors

#	ARTICLE	IF	CITATIONS
1	VISTA Variables in the Via Lactea (VVV): The public ESO near-IR variability survey of the Milky Way. <i>New Astronomy</i> , 2010, 15, 433-443.	1.8	698
2	The UKIDSS Galactic Plane Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 136-163.	4.4	407
3	The INT Photometric H α Survey of the Northern Galactic Plane (IPHAS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 753-776.	4.4	395
4	The AAO/UKST SuperCOSMOS H α survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 689-710.	4.4	268
5	The VST Photometric H α Survey of the Southern Galactic Plane and Bulge (VPHAS+). <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2036-3058.	4.4	197
6	Radiation-driven winds from luminous accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, 595-617.	4.4	168
7	The second data release of the INT Photometric H α Survey of the Northern Galactic Plane (IPHAS DR2). <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3230-3257.	4.4	131
8	Probing the circumstellar structure of Herbig Ae/Be stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 337, 356-368.	4.4	120
9	VIRAC: the VVV Infrared Astrometric Catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1826-1849.	4.4	103
10	The massive star population of Cygnus OB2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 741-760.	4.4	96
11	A 3D extinction map of the northern Galactic plane based on IPHAS photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2907-2922.	4.4	88
12	The IPHAS catalogue of H α emission-line sources in the northern Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1277-1288.	4.4	85
13	Initial data release from the INT Photometric H Survey of the Northern Galactic Plane (IPHAS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 89-104.	4.4	85
14	The Necklace: equatorial and polar outflows from the binary central star of the new planetary nebula IPHAS J194359.5+170901. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1349-1359.	4.4	85
15	THE MASSIVE STAR-FORMING REGION CYGNUS OB2. II. INTEGRATED STELLAR PROPERTIES AND THE STAR FORMATION HISTORY. <i>Astrophysical Journal</i> , 2010, 713, 871-882.	4.5	84
16	Probing the circumstellar structures of T Tauri stars and their relationship to those of Herbig stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 1049-1064.	4.4	81
17	T Tauri candidates and accretion rates using IPHAS: method and application to IC 1396. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 103-132.	4.4	81
18	The application of Monte Carlo methods to the synthesis of spectral line profiles arising from accretion disc winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 273, 225-248.	4.4	80

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19	INITIAL DATA RELEASE OF THE KEPLER-K2 INT SURVEY. <i>Astronomical Journal</i> , 2012, 144, 24.	4.7	78
20	H α spectropolarimetry of B[e] and Herbig Be stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 305, 166-180.	4.4	77
21	MWC 297, B1.5Ve: a zero-age main-sequence star in the Aquila Rift. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 538-548.	4.4	69
22	UWISH2 - the UKIRT Widefield Infrared Survey for H2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 480-492.	4.4	67
23	High spatial resolution Galactic 3D extinction mapping with IPHAS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 497-513.	4.4	61
24	PHOTOEVAPORATING PROPLYD-LIKE OBJECTS IN CYGNUS OB2. <i>Astrophysical Journal Letters</i> , 2012, 746, L21.	8.3	60
25	Inclination and orbital-phase-dependent resonance line-profile calculations applied to cataclysmic variable winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 1987, 224, 595-632.	4.4	58
26	Line-driven disc wind models with an improved line force. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 476-482.	4.4	57
27	A Planetary Nebula around Nova V458 Vulpeculae Undergoing Flash Ionization. <i>Astrophysical Journal</i> , 2008, 688, L21-L24.	4.5	56
28	Observations of the IR recombination line emission from massive young stellar objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 272, 346-354.	4.4	55
29	Early-A stars from IPHAS, and their distribution in and around the Cyg OB2 association. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1761-1773.	4.4	51
30	First release of the IPHAS catalogue of new extended planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3388-3401.	4.4	49
31	The evolved B[e] star HD 87643: observations and a radiation-driven disc wind model for B[e] stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 170-182.	4.4	48
32	The UV-Excess survey of the northern Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 323-339.	4.4	46
33	IPHAS discoveries of young stars towards Cyg OB2 and its southern periphery. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 308-318.	4.4	42
34	Testing the line-driven disc wind model: time-resolved ultraviolet spectroscopy of IX Vel and V3885 Sgr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 127-143.	4.4	37
35	The shaping of planetary nebula Sh 2-188 through interaction with the interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 387-396.	4.4	37
36	Eclipse Mapping of the Accretion Disk Wind in the Cataclysmic Variable UX Ursae Majoris. <i>Astrophysical Journal</i> , 1997, 486, 445-456.	4.5	36

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37	Two-dimensional Monte Carlo simulations of H I line formation in massive young stellar object disc winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 615-627.	4.4	36
38	The shock-excited P Cygni nebula. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 268, L29-L34.	4.4	35
39	Mapping the radio emission from massive young stellar objects. <i>Astrophysical Journal</i> , 1994, 421, L51.	4.5	34
40	Investigation of a wind model for cataclysmic variable ultraviolet resonance line emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 1985, 213, 191-213.	4.4	33
41	The structure of the outer Galactic disc as revealed by IPHAS early A stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 713-723.	4.4	33
42	Classical T Tauri stars with VPHAS+ $\hat{H}\alpha$ and $\langle i \rangle_{u/i}$ -band accretion rates in the Lagoon Nebula M8. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1026-1046.	4.4	31
43	FUSE Observations of U Geminorum during Outburst and Decline. <i>Astrophysical Journal</i> , 2001, 562, 963-984.	4.5	30
44	Soft X-ray observations of the early B giants Formula and Formula CMa. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 266, 917-924.	4.4	29
45	Extreme infrared variables from UKIDSS $\hat{H}\alpha$ I. A concentration in star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1829-1854.	4.4	28
46	Extreme infrared variables from UKIDSS $\hat{H}\alpha$ II. An end-of-survey catalogue of eruptive YSOs and unusual stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2990-3020.	4.4	28
47	Newly discovered cataclysmic variables from the INT/WFC photometric $\hat{H}\alpha$ survey of the northern Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 382, 1158-1168.	4.4	27
48	THE PROTOPLANETARY DISKS IN THE NEARBY MASSIVE STAR-FORMING REGION CYGNUS OB2. <i>Astrophysical Journal</i> , 2013, 773, 135.	4.5	27
49	Massive stars in the hinterland of the young cluster, Westerlund 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2109-2124.	4.4	27
50	Spectroscopy of the M15 X-ray source: discovery of binary motion and an unusual systemic velocity. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 233, 285-304.	4.4	26
51	The properties of cataclysmic variables in photometric $\hat{H}\alpha$ surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 581-597.	4.4	26
52	Boundary-layer temperatures in high accretion rate cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 249, 452-459.	4.4	25
53	Constraints on the outflow in S106IR from He I 2.058- \hat{A} m absorption-line and H I emission-line profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 265, 12-20.	4.4	25
54	Resonance Line Profile Calculations Based on Hydrodynamical Models of Cataclysmic Variable Winds. <i>Astrophysical Journal</i> , 2002, 572, 382-391.	4.5	25

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55	Discovery of a WO star in the Scutum-Crux arm of the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2004, 351, 206-214.	4.4	25
56	The enigma of the oldest $\tilde{\text{nova}}^{\text{TM}}$: the central star and nebula of CK Vul. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1298-1308.	4.4	25
57	The OmegaWhite survey for short-period variable stars $\hat{\text{c}}$ I. Overview and first results. Monthly Notices of the Royal Astronomical Society, 2015, 454, 507-530.	4.4	25
58	A radiative ionization and thermal equilibrium model for the wind from P Cygni. Monthly Notices of the Royal Astronomical Society, 1985, 217, 867-893.	4.4	24
59	Time dependence of the UV resonance lines in the cataclysmic variables YZ Cnc, IR Gem and V3885 Sgr. Monthly Notices of the Royal Astronomical Society, 1992, 255, 237-242.	4.4	24
60	IGAPS: the merged IPHAS and UVEX optical surveys of the northern Galactic plane. Astronomy and Astrophysics, 2020, 638, A18.	5.1	24
61	A nitrogen-enriched nebula around P Cygni. Monthly Notices of the Royal Astronomical Society, 1992, 255, 261-266.	4.4	23
62	The discovery of low-mass pre-main-sequence stars in Cepheus OB3b. Monthly Notices of the Royal Astronomical Society, 2003, 341, 805-822.	4.4	23
63	Disentangling the spatial substructure of Cygnus OB2 from <i>Gaia</i> DR2. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	23
64	Optical spectroscopy of two broad absorption line QSOs and implications for spherical-symmetric absorbing wind models. Monthly Notices of the Royal Astronomical Society, 1984, 211, 813-831.	4.4	22
65	The ionization state of the winds from cataclysmic variables without classical boundary layers. Monthly Notices of the Royal Astronomical Society, 1993, 260, 647-662.	4.4	22
66	Spiral waves and the secondary star in the nova-like variable V3885 Sgr. Monthly Notices of the Royal Astronomical Society, 2005, 363, 285-292.	4.4	21
67	OPTICAL PHOTOMETRIC GTC/OSIRIS OBSERVATIONS OF THE YOUNG MASSIVE ASSOCIATION CYGNUS OB2. Astrophysical Journal, Supplement Series, 2012, 202, 19.	7.7	21
68	New OB star candidates in the Carina Arm around Westerlund 2 from VPHAS+. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3855-3873.	4.4	21
69	The Far-Ultraviolet Spectrum of Z Camelopardalis in Quiescence and Standstill. Astrophysical Journal, 2005, 623, 425-441.	4.5	20
70	A deep catalogue of classical Be stars in the direction of the Perseus Arm: spectral types and interstellar reddenings. Monthly Notices of the Royal Astronomical Society, 2015, 446, 274-298.	4.4	20
71	QU Car: a very high luminosity nova-like binary with a carbon-enriched companion. Monthly Notices of the Royal Astronomical Society, 2003, 338, 401-411.	4.4	19
72	The O star hinterland of the Galactic starburst, NGC 3603. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1034-1044.	4.4	18

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73	Bayesian inference of T Tauri star properties using multi-wavelength survey photometry. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1981-2000.	4.4	17
74	Regular orbital variations in the ultraviolet resonance lines of YZ Cnc. Monthly Notices of the Royal Astronomical Society, 1988, 234, 341-351.	4.4	16
75	The expansion of the outer circumstellar shell of P Cygni. Monthly Notices of the Royal Astronomical Society, 1996, 283, L69-L71.	4.4	16
76	Diffuse interstellar bands in the spectra of massive young stellar objects. Monthly Notices of the Royal Astronomical Society, 1997, 291, 797-804.	4.4	16
77	Extremely red stellar objects revealed by IPHAS. Monthly Notices of the Royal Astronomical Society, 2008, 390, 929-944.	4.4	16
78	IDENTIFICATION OF A POPULATION OF X-RAY-EMITTING MASSIVE STARS IN THE GALACTIC PLANE. Astrophysical Journal, 2011, 727, 105.	4.5	16
79	The donor star of the long-period dwarf nova DX Andromedae. Monthly Notices of the Royal Astronomical Society, 1993, 260, 803-818.	4.4	15
80	Tracers of discs and winds around intermediate- and high-mass young stellar objects. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1088-1104.	4.4	15
81	High proper motion objects from the UKIDSS Galactic plane survey. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2327-2341.	4.4	15
82	The binary fraction of planetary nebula central stars - III. the promise of VPHAS+. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4504-4523.	4.4	14
83	First results of an H β based search of classical Be stars in the Perseus Arm and beyond. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2169-2187.	4.4	13
84	CHASING THE IDENTIFICATION OF <i>ASCA</i> GALACTIC OBJECTS (ChcAGO): AN X-RAY SURVEY OF UNIDENTIFIED SOURCES IN THE GALACTIC PLANE. I. SOURCE SAMPLE AND INITIAL RESULTS. Astrophysical Journal, Supplement Series, 2014, 212, 13.	7.7	13
85	NOVA-LIKE CATAclysmic VARIABLES IN THE INFRARED. Astrophysical Journal, 2014, 786, 68.	4.5	13
86	On spectral line formation in winds from extended continuum sources. Monthly Notices of the Royal Astronomical Society, 1986, 218, 41P-47P.	4.4	12
87	Time variability in the UV resonance lines of the cataclysmic variables Mu Cen, AH Her and QU Car. Monthly Notices of the Royal Astronomical Society, 1994, 269, 891-901.	4.4	12
88	Near-infrared line spectropolarimetry of hot massive stars. Monthly Notices of the Royal Astronomical Society, 2005, 364, 725-730.	4.4	12
89	Spectroscopic follow-up of ultraviolet-excess objects selected from the UVEX survey. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1235-1261.	4.4	12
90	A first catalogue of automatically selected ultraviolet-excess sources from the UVEX survey. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1115-1134.	4.4	12

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91	Variability in the UV resonance lines of the cataclysmic variable V795 Herculis (PG 1711 + 336). Monthly Notices of the Royal Astronomical Society, 1992, 256, 219-228.	4.4	11
92	Helium absorption and emission towards λ 1 Ori C. Monthly Notices of the Royal Astronomical Society, 1997, 291, 110-120.	4.4	11
93	X-ray shooting Herbig Ae/Be stars: Accretion probed by near-infrared He I emission. Astronomische Nachrichten, 2011, 332, 238-241.	1.2	11
94	Proper motions of OB stars in the far Carina Arm. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4952-4968.	4.4	11
95	Five WC9 stars discovered in the AAO/UKST H α survey. Monthly Notices of the Royal Astronomical Society, 2005, 363, 857-866.	4.4	10
96	Near-IR spectra of IPHAS extremely red Galactic AGB stars. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1413-1426.	4.4	10
97	On the origin of the H I line emission associated with massive young stellar objects. Monthly Notices of the Royal Astronomical Society, 1992, 255, 449-459.	4.4	9
98	Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves. Monthly Notices of the Royal Astronomical Society, 1996, 281, 1352-1362.	4.4	9
99	The component star masses in RW Tri. Monthly Notices of the Royal Astronomical Society, 2003, 340, 499-508.	4.4	9
100	A determination of the space density and birth rate of hydrogen-line (DA) white dwarfs in the Galactic plane, based on the UVEX survey. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2727-2741.	4.4	9
101	The Gaia/IPHAS and Gaia/KIS value-added catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3357-3369.	4.4	9
102	H α spectropolarimetry of the Herbig Ae star AB Aurigae. Monthly Notices of the Royal Astronomical Society, 2000, 319, L19-L23.	4.4	8
103	The IPHAS-POSS-I proper motion survey of the Galactic plane. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1685-1694.	4.4	8
104	High-resolution H α imaging of the northern Galactic plane and the IGAPS image database. Astronomy and Astrophysics, 2021, 655, A49.	5.1	7
105	Ultraviolet observations of the long-period dwarf nova DX And in outburst. Monthly Notices of the Royal Astronomical Society, 1991, 250, 144-151.	4.4	6
106	A radial velocity study of the companion to the central star of Abell 35. Monthly Notices of the Royal Astronomical Society, 1997, 291, 773-779.	4.4	6
107	Phase-resolved Hubble Space Telescope ultraviolet spectroscopy of V795 Her. Monthly Notices of the Royal Astronomical Society, 1998, 299, 305-318.	4.4	6
108	UV and optical observations of PG 1351+64, a bright Seyfert galaxy or a low-luminosity QSO. Monthly Notices of the Royal Astronomical Society, 1985, 216, 529-536.	4.4	5

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109	The first measurement of the Lyman continuum emission from normal stars. Monthly Notices of the Royal Astronomical Society, 1993, 262, L19-L22.	4.4	5
110	Time-resolved ultraviolet spectroscopy of the compact interacting binary QU Car. Monthly Notices of the Royal Astronomical Society, 2002, 336, 808-816.	4.4	5
111	IPHAS A-TYPE STARS WITH MID-INFRARED EXCESSES IN <i>SPITZER</i> SURVEYS. Astrophysical Journal, 2009, 695, 75-93.	4.5	5
112	Ultraviolet-excess sources with a red/infrared counterpart: low-mass companions, debris discs and QSO selection. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2-13.	4.4	5
113	Calibrated and completeness-corrected optical stellar density maps of the northern Galactic plane. Monthly Notices of the Royal Astronomical Society, 2016, 457, 642-665.	4.4	5
114	Population-based identification of H α -excess sources in the <i>Gaia</i> DR2 and IPHAS catalogues. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1135-1152.	4.4	5
115	A and F stars as probes of outer Galactic disc kinematics. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1680-1695.	4.4	4
116	A study of full space motions of outer Galactic disc A and F stars in two deep pencil beams. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2312-2323.	4.4	4
117	H α fluxes and extinction distances for planetary nebulae in the IPHAS survey of the northern galactic plane. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6156-6167.	4.4	4
118	Continuum reddening due to dust in the spectrum of PHL 938. Monthly Notices of the Royal Astronomical Society, 1978, 185, 193-198.	4.4	3
119	An evaluation of spherically symmetric wind models for broad absorption line QSOs. Monthly Notices of the Royal Astronomical Society, 1982, 201, 27-50.	4.4	3
120	On Wavelength Shifts of He I Lines in Rotating B Stars. Monthly Notices of the Royal Astronomical Society, 1976, 174, 13P-17P.	4.4	1
121	UGPS J194310+183851: an Unusual Optical and X-ray Faint Cataclysmic Variable?. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	0