

# Andrea Dupree

## List of Publications by Year in descending order

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99  
papers

13,202  
citations

47006

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103  
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103  
docs citations

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times ranked

6012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980.	12.6	2,848
2	<i>KEPLER MISSION</i> DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. <i>Astrophysical Journal Letters</i> , 2010, 713, L79-L86.	8.3	941
3	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i>. <i>Astrophysical Journal, Supplement Series</i> , 2012, 201, 15.	7.7	871
4	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY<i>KEPLER</i>. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011, 736, 19.	4.5	859
5	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i>. III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 24.	7.7	823
6	<i>KEPLER</i>'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011, 729, 27.	4.5	473
7	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	7.7	418
8	Planetary Candidates Observed by <i>Kepler</i>. VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 38.	7.7	316
9	CHARACTERISTICS OF<i>KEPLER</i> PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011, 728, 117.	4.5	313
10	THE MASS OF KOI-94d AND A RELATION FOR PLANET RADIUS, MASS, AND INCIDENT FLUX. <i>Astrophysical Journal</i> , 2013, 768, 14.	4.5	253
11	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	4.5	218
12	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. <i>Science</i> , 2013, 340, 587-590.	12.6	213
13	THE KEPLER CLUSTER STUDY: STELLAR ROTATION IN NGC 6811. <i>Astrophysical Journal Letters</i> , 2011, 733, L9.	8.3	200
14	Keplerâ€™s Optical Phase Curve of the Exoplanet HAT-P-7b. <i>Science</i> , 2009, 325, 709-709.	12.6	197
15	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	27.8	193
16	PHOTOMETRIC VARIABILITY IN<i>KEPLER</i> TARGET STARS. II. AN OVERVIEW OF AMPLITUDE, PERIODICITY, AND ROTATION IN FIRST QUARTER DATA. <i>Astronomical Journal</i> , 2011, 141, 20.	4.7	187
17	Transit timing observations from Kepler â€™ VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1077-1087.	4.4	174
18	THE KEPLER FOLLOW-UP OBSERVATION PROGRAM. I. A CATALOG OF COMPANIONS TO KEPLER STARS FROM HIGH-RESOLUTION IMAGING. <i>Astronomical Journal</i> , 2017, 153, 71.	4.7	169

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19	WHITE-LIGHT FLARES ON COOL STARS IN THE <i>KEPLER</i> QUARTER 1 DATA. <i>Astronomical Journal</i> , 2011, 141, 50.	4.7	157
20	PHOTOMETRIC VARIABILITY IN <i>KEPLER</i> TARGET STARS: THE SUN AMONG STARS—A FIRST LOOK. <i>Astrophysical Journal Letters</i> , 2010, 713, L155-L159.	8.3	147
21	KEPLER-21b: A 1.6 $R_{\oplus}$ PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. <i>Astrophysical Journal</i> , 2012, 746, 123.	4.5	124
22	THE HIGH ALBEDO OF THE HOT JUPITER KEPLER-7 b. <i>Astrophysical Journal Letters</i> , 2011, 735, L12.	8.3	123
23	The Extreme Ultraviolet Spectrum of Alpha Aurigae (Capella). <i>Astrophysical Journal</i> , 1993, 418, L41.	4.5	117
24	First Image of the Surface of a Star with the [ITAL]Hubble Space Telescope[/ITAL]. <i>Astrophysical Journal</i> , 1996, 463, L29-L32.	4.5	113
25	ADAPTIVE OPTICS IMAGES OF <i>KEPLER</i> OBJECTS OF INTEREST. <i>Astronomical Journal</i> , 2012, 144, 42.	4.7	113
26	A DEEP <i>CHANDRA</i> X-RAY SPECTRUM OF THE ACCRETING YOUNG STAR TW HYDRAE. <i>Astrophysical Journal</i> , 2010, 710, 1835-1847.	4.5	107
27	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96
28	He I 10830 as a Probe of Winds in Accreting Young Stars. <i>Astrophysical Journal</i> , 2003, 599, L41-L44.	4.5	94
29	ADAPTIVE OPTICS IMAGES. II. 12 <i>KEPLER</i> OBJECTS OF INTEREST AND 15 CONFIRMED TRANSITING PLANETS. <i>Astronomical Journal</i> , 2013, 146, 9.	4.7	93
30	The Structure of Stellar Coronae in Active Binary Systems. <i>Astrophysical Journal</i> , Supplement Series, 2003, 145, 147-179.	7.7	87
31	DISCOVERY OF THE TRANSITING PLANET KEPLER-5b. <i>Astrophysical Journal Letters</i> , 2010, 713, L131-L135.	8.3	84
32	Spatially Resolved [ITAL]Hubble[/ITAL] [ITAL]Space[/ITAL] [ITAL]Telescope[/ITAL] Spectra of the Chromosphere of $\epsilon$ Orionis. <i>Astronomical Journal</i> , 1998, 116, 2501-2512.	4.7	84
33	Giants in the globular cluster $\omega$ Centauri: dust production, mass-loss and distance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 831-856.	4.4	80
34	A Hot Wind from the Classical T Tauri Stars: TW Hydrae and T Tauri. <i>Astrophysical Journal</i> , 2005, 625, L131-L134.	4.5	77
35	KEPLER-14b: A MASSIVE HOT JUPITER TRANSITING AN F STAR IN A CLOSE VISUAL BINARY. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 3.	7.7	74
36	A New Look at T Tauri Star Forbidden Lines: MHD-driven Winds from the Inner Disk. <i>Astrophysical Journal</i> , 2018, 868, 28.	4.5	67

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37	DIRECT EVIDENCE FOR AN ENHANCEMENT OF HELIUM IN GIANT STARS IN OMEGA CENTAURI. <i>Astrophysical Journal</i> , 2011, 728, 155.	4.5	65
38	ADAPTIVE OPTICS IMAGES. III. 87 KEPLER OBJECTS OF INTEREST. <i>Astronomical Journal</i> , 2014, 148, 78.	4.7	64
39	ON THE DETECTABILITY OF STAR-PLANET INTERACTION. <i>Astrophysical Journal</i> , 2012, 754, 137.	4.5	62
40	NGC 1866: First Spectroscopic Detection of Fast-rotating Stars in a Young LMC Cluster. <i>Astrophysical Journal Letters</i> , 2017, 846, L1.	8.3	62
41	The coronal structure of AB Doradus determined from contemporaneous Doppler imaging and X-ray spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1488-1502.	4.4	56
42	A dusty veil shading Betelgeuse during its Great Dimming. <i>Nature</i> , 2021, 594, 365-368.	27.8	55
43	Quiescent and Flaring Structure in RS Canum Venaticorum Stars. <i>Astrophysical Journal</i> , 2002, 570, 799-819.	4.5	54
44	Different Stellar Rotations in the Two Main Sequences of the Young Globular Cluster NGC 1818: The First Direct Spectroscopic Evidence. <i>Astronomical Journal</i> , 2018, 156, 116.	4.7	53
45	Hectochelle: A Multiobject Optical Echelle Spectrograph for the MMT. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 1188-1209.	3.1	52
46	TW Hya: SPECTRAL VARIABILITY, X-RAYS, AND ACCRETION DIAGNOSTICS. <i>Astrophysical Journal</i> , 2012, 750, 73.	4.5	50
47	Periodic photospheric and chromospheric modulation in Alpha Orionis (Betelgeuse). <i>Astrophysical Journal</i> , 1987, 317, L85.	4.5	49
48	A SPITZER SPACE TELESCOPE ATLAS OF OMEGA CENTAURI: THE STELLAR POPULATION, MASS LOSS, AND THE INTRACLUSTER MEDIUM. <i>Astronomical Journal</i> , 2008, 135, 1395-1411.	4.7	48
49	FAST WINDS AND MASS LOSS FROM METAL-POOR FIELD GIANTS. <i>Astronomical Journal</i> , 2009, 138, 1485-1501.	4.7	48
50	Chromospheres and mass loss in metal-deficient giant stars. <i>Astrophysical Journal</i> , 1984, 281, L37.	4.5	47
51	DIRECT EVALUATION OF THE HELIUM ABUNDANCES IN OMEGA CENTAURI. <i>Astrophysical Journal Letters</i> , 2013, 773, L28.	8.3	44
52	He I 10830 Å... Wing Asymmetry in Polar Coronal Holes: Evidence for Radial Outflows. <i>Astrophysical Journal</i> , 1996, 467, L121-L124.	4.5	43
53	A Far-Ultraviolet Spectroscopic Survey of Luminous Cool Stars. <i>Astrophysical Journal</i> , 2005, 622, 629-652.	4.5	43
54	MASS OUTFLOW FROM RED GIANT STARS IN M13, M15, AND M92. <i>Astronomical Journal</i> , 2009, 138, 615-624.	4.7	41

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55	Modeling the Variable Chromosphere of $\epsilon$ Orionis. <i>Astrophysical Journal</i> , 2000, 545, 454-474.	4.5	41
56	Far Ultraviolet Spectroscopic Explorer Survey of Coronal Forbidden Lines in Late-Type Stars. <i>Astrophysical Journal</i> , 2003, 585, 993-1006.	4.5	41
57	X-Ray Doppler Imaging of $\kappa$ Bootis with Chandra. <i>Astrophysical Journal</i> , 2001, 562, L75-L78.	4.5	40
58	Discovery of a fast wind from a field population II giant star. <i>Astrophysical Journal</i> , 1992, 387, L85.	4.5	40
59	Spitzer spectra of evolved stars in $\alpha$ Centauri and their low-metallicity dust production. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 20-31.	4.4	36
60	Spatially Resolved STIS Spectroscopy of $\epsilon$ Orionis: Evidence for Nonradial Chromospheric Oscillation from Detailed Modeling. <i>Astrophysical Journal</i> , 2001, 558, 815-829.	4.5	35
61	Spatially Resolved Ultraviolet Spectroscopy of the Great Dimming of Betelgeuse. <i>Astrophysical Journal</i> , 2020, 899, 68.	4.5	34
62	IUE observations of cool stars: $\epsilon$ Aurigae, HR1099, $\delta$ Andromedae, and $\mu$ Eridani. <i>Nature</i> , 1978, 275, 389-394.	27.8	33
63	Spectroscopy of the Ca II Line in Metal-Poor Field Red Giants. II. Northern Hemisphere Observations. <i>Astronomical Journal</i> , 1995, 110, 405.	4.7	32
64	IUE observations of X-ray sources: HD153919 (4U1700-37), HDE226868 (Cyg X-1), HZ Her (Her X-1). <i>Nature</i> , 1978, 275, 400-403.	27.8	31
65	Active cool stars and He I 10 $\mu$ m: the coronal connection. <i>Astronomy and Astrophysics</i> , 2008, 488, 715-721.	5.1	31
66	A survey of H-alpha line profiles among metal-deficient field red giants. <i>Astronomical Journal</i> , 1988, 95, 1547.	4.7	31
67	Chromospheric and coronal emissions from the giants in the Hyades. <i>Astrophysical Journal</i> , 1983, 271, 672.	4.5	31
68	MASS OUTFLOW AND CHROMOSPHERIC ACTIVITY OF RED GIANT STARS IN GLOBULAR CLUSTERS. I. M15. <i>Astronomical Journal</i> , 2008, 135, 1117-1135.	4.7	25
69	X-RAY DETERMINATION OF THE VARIABLE RATE OF MASS ACCRETION ONTO TW HYDRAE. <i>Astrophysical Journal Letters</i> , 2012, 760, L21.	8.3	25
70	MASS OUTFLOW AND CHROMOSPHERIC ACTIVITY OF RED GIANT STARS IN GLOBULAR CLUSTERS. II. M13 AND M92. <i>Astronomical Journal</i> , 2009, 137, 4282-4295.	4.7	24
71	Chromospheres of metal-deficient field giants. <i>Astrophysical Journal</i> , 1990, 353, 623.	4.5	23
72	Solar rotation in the chromosphere and corona. <i>Solar Physics</i> , 1973, 33, 425-429.	2.5	19

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73	Spectroscopy of chromospheric lines of giants in the globular cluster. <i>Astrophysical Journal</i> , 1994, 421, 542.	4.5	19
74	<i>Hubble Space Telescope</i> Observations of Chromospheres in Metal-Deficient Field Giants. <i>Astronomical Journal</i> , 2007, 134, 1348-1359.	4.7	17
75	STRUCTURE AND DYNAMICS OF THE ACCRETION PROCESS AND WIND IN TW Hya. <i>Astrophysical Journal</i> , 2014, 789, 27.	4.5	16
76	Galactic chemical evolution of sulphur. <i>Astronomy and Astrophysics</i> , 2013, 559, A115.	5.1	15
77	The Most Metal-poor Stars in Omega Centauri (NGC 5139)*. <i>Astronomical Journal</i> , 2020, 159, 254.	4.7	14
78	The loudest stellar heartbeat: characterizing the most extreme amplitude heartbeat star system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 4083-4100.	4.4	13
79	Spectroscopy of the Ca II K line of metal-poor field red giants. I - Southern Hemisphere observations. <i>Astronomical Journal</i> , 1992, 104, 2005.	4.7	13
80	CHROMOSPHERIC MODELS AND THE OXYGEN ABUNDANCE IN GIANT STARS. <i>Astrophysical Journal Letters</i> , 2016, 821, L7.	8.3	12
81	First Evidence of Enhanced Recombination in Astrophysical Environments and the Implications for Plasma Diagnostics. <i>Astrophysical Journal Letters</i> , 2019, 887, L9.	8.3	11
82	[ITAL]Hubble[/ITAL] [ITAL]Space[/ITAL] [ITAL]Telescope[/ITAL] Observations of Chromospheric Emission from the Population II Red Giant HD 216143. <i>Astronomical Journal</i> , 1998, 116, 931-935.	4.7	7
83	Ultraviolet Spectroscopic Measurements of Cool Stars. <i>Highlights of Astronomy</i> , 1980, 5, 263-276.	0.0	6
84	Discovery of long-period variable stars in the very metal-poor globular cluster M15. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	6
85	The $\lambda$ 10830 He I Absorption Line Among Metal-Poor Subdwarfs. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1252-1261.	3.1	6
86	Chandra study of the eclipsing M dwarf binary, YY Gem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 493-504.	4.4	5
87	A Study of the $\lambda$ 10830 He I Line Among Red Giants in Messier 13 <sup>1</sup> . <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 901-913.	3.1	5
88	THE 10830 $\lambda$ HELIUM LINE AMONG EVOLVED STARS IN THE GLOBULAR CLUSTER M4. <i>Astrophysical Journal</i> , 2015, 808, 124.	4.5	5
89	Winds from Cool Stars. <i>Symposium - International Astronomical Union</i> , 2004, 219, 623-634.	0.1	4
90	Spatially Resolved STIS Spectroscopy of Betelgeuse's Outer Atmosphere. <i>Symposium - International Astronomical Union</i> , 2004, 219, 641-645.	0.1	3

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91	A SEARCH FOR CORONAL ACTIVITY AMONG TWO METAL-POOR SUBDWARFS AND ONE SUBGIANT*. <i>Astronomical Journal</i> , 2016, 152, 43.	4.7	2
92	Ultraviolet Observations of AM Herculis. <i>Symposium - International Astronomical Union</i> , 1980, 88, 467-469.	0.1	1
93	Observations of the Bright Star in the Globular Cluster 47 Tucanae (NGC 104). <i>Astronomical Journal</i> , 2021, 162, 126.	4.7	1
94	Search for short time-scale periodicity in the X-ray flux of 4U1700 â€“ 37. <i>Nature</i> , 1979, 279, 508-509.	27.8	0
95	The precision calcium photometer: A New Instrument for Astroseismology. <i>Symposium - International Astronomical Union</i> , 1988, 123, 521-524.	0.1	0
96	Ca II emission from old red giants in the globular cluster M15. <i>Nature</i> , 1991, 354, 284-286.	27.8	0
97	A Tunable Laser System for the Wavelength Calibration of Astronomical Spectrographs. , 2009, , .		0
98	Chromospheres of Luminous Cool Stars. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 447-449.	0.0	0
99	Spectroscopy of LMC cluster stars. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 97-100.	0.0	0