Andrea Dupree

List of Publications by Year
in descending order

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Version: 2024-02-01

99 papers	13,202 citations	47006 47 h-index	36028 97 g-index
103 all docs	103 docs citations	103 times ranked	6012 citing authors

#	Article	IF	Citations
1	A dusty veil shading Betelgeuse during its Great Dimming. Nature, 2021, 594, 365-368.	27.8	55
2	The loudest stellar heartbeat: characterizing the most extreme amplitude heartbeat star system. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4083-4100.	4.4	13
3	Observations of the Bright Star in the Globular Cluster 47 Tucanae (NGC 104). Astronomical Journal, 2021, 162, 126.	4.7	1
4	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. Astronomical Journal, 2021, 161, 36.	4.7	96
5	The Most Metal-poor Stars in Omega Centauri (NGC 5139)*. Astronomical Journal, 2020, 159, 254.	4.7	14
6	Spatially Resolved Ultraviolet Spectroscopy of the Great Dimming of Betelgeuse. Astrophysical Journal, 2020, 899, 68.	4.5	34
7	Spectroscopy of LMC cluster stars. Proceedings of the International Astronomical Union, 2019, 14, 97-100.	0.0	0
8	First Evidence of Enhanced Recombination in Astrophysical Environments and the Implications for Plasma Diagnostics. Astrophysical Journal Letters, 2019, 887, L9.	8.3	11
9	A New Look at T Tauri Star Forbidden Lines: MHD-driven Winds from the Inner Disk. Astrophysical Journal, 2018, 868, 28.	4.5	67
10	Different Stellar Rotations in the Two Main Sequences of the Young Globular Cluster NGC 1818: The First Direct Spectroscopic Evidence[*]. Astronomical Journal, 2018, 156, 116.	4.7	53
11	Planetary Candidates Observed by Kepler . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. Astrophysical Journal, Supplement Series, 2018, 235, 38.	7.7	316
12	THE KEPLER FOLLOW-UP OBSERVATION PROGRAM. I. A CATALOG OF COMPANIONS TO KEPLER STARS FROM HIGH-RESOLUTION IMAGING. Astronomical Journal, 2017, 153, 71.	4.7	169
13	NGC 1866: First Spectroscopic Detection of Fast-rotating Stars in a Young LMC Cluster. Astrophysical Journal Letters, 2017, 846, L1.	8.3	62
14	A SEARCH FOR CORONAL ACTIVITY AMONG TWO METAL-POOR SUBDWARFS AND ONE SUBGIANT*. Astronomical Journal, 2016, 152, 43.	4.7	2
15	CHROMOSPHERIC MODELS AND THE OXYGEN ABUNDANCE IN GIANT STARS. Astrophysical Journal Letters, 2016, 821, L7.	8.3	12
16	Chromospheres of Luminous Cool Stars. Proceedings of the International Astronomical Union, 2015, 11, 447-449.	0.0	0
17	THE 10830 â„« HELIUM LINE AMONG EVOLVED STARS IN THE GLOBULAR CLUSTER M4. Astrophysical Journal, 2015, 808, 124.	4.5	5
18	ADAPTIVE OPTICS IMAGES. III. 87 KEPLER OBJECTS OF INTEREST. Astronomical Journal, 2014, 148, 78.	4.7	64

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19	STRUCTURE AND DYNAMICS OF THE ACCRETION PROCESS AND WIND IN TW Hya. Astrophysical Journal, 2014, 789, 27.	4.5	16
20	MASSES, RADII, AND ORBITS OF SMALL KEPLER PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. Astrophysical Journal, Supplement Series, 2014, 210, 20.	7.7	418
21	A Study of the Î»10830 He I Line Among Red Giants in Messier 13¹. Publications of the Astronomical Society of the Pacific, 2014, 126, 901-913.	3.1	5
22	A sub-Mercury-sized exoplanet. Nature, 2013, 494, 452-454.	27.8	193
23	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. Science, 2013, 340, 587-590.	12.6	213
24	Transit timing observations from Kepler â€“ VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1077-1087.	4.4	174
25	DIRECT EVALUATION OF THE HELIUM ABUNDANCES IN OMEGA CENTAURI. Astrophysical Journal Letters, 2013, 773, L28.	8.3	44
26	THE MASS OF KOI-94d AND A RELATION FOR PLANET RADIUS, MASS, AND INCIDENT FLUX. Astrophysical Journal, 2013, 768, 14.	4.5	253
27	PLANETARY CANDIDATES OBSERVED BY KEPLER . III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. Astrophysical Journal, Supplement Series, 2013, 204, 24.	7.7	823
28	ADAPTIVE OPTICS IMAGES. II. 12KEPLEROBJECTS OF INTEREST AND 15 CONFIRMED TRANSITING PLANETS. Astronomical Journal, 2013, 146, 9.	4.7	93
29	Galactic chemical evolution of sulphur. Astronomy and Astrophysics, 2013, 559, A115.	5.1	15
30	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM KEPLER. Astrophysical Journal, Supplement Series, 2012, 201, 15.	7.7	871
31	ADAPTIVE OPTICS IMAGES OFKEPLEROBJECTS OF INTEREST. Astronomical Journal, 2012, 144, 42.	4.7	113
32	ON THE DETECTABILITY OF STAR-PLANET INTERACTION. Astrophysical Journal, 2012, 754, 137.	4.5	62
33	X-RAY DETERMINATION OF THE VARIABLE RATE OF MASS ACCRETION ONTO TW HYDRAE. Astrophysical Journal Letters, 2012, 760, L21.	8.3	25
34	KEPLER-21b: A 1.6R_{Earth}PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. Astrophysical Journal, 2012, 746, 123.	4.5	124
35	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. Astrophysical Journal, 2012, 745, 120.	4.5	218
36	The Î» 10830 He I Absorption Line Among Metal-Poor Subdwarfs. Publications of the Astronomical Society of the Pacific, 2012, 124, 1252-1261.	3.1	6

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37	TW Hya: SPECTRAL VARIABILITY, X-RAYS, AND ACCRETION DIAGNOSTICS. Astrophysical Journal, 2012, 750, 73.	4.5	50
38	Chandra study of the eclipsing M dwarf binary, YY Gem. Monthly Notices of the Royal Astronomical Society, 2012, 423, 493-504.	4.4	5
39	Hectochelle: A Multiobject Optical Echelle Spectrograph for the MMT. Publications of the Astronomical Society of the Pacific, 2011, 123, 1188-1209.	3.1	52
40	KEPLER'S FIRST ROCKY PLANET: KEPLER-10b. Astrophysical Journal, 2011, 729, 27.	4.5	473
41	THE KEPLER CLUSTER STUDY: STELLAR ROTATION IN NGC 6811. Astrophysical Journal Letters, 2011, 733, L9.	8.3	200
42	THE HIGH ALBEDO OF THE HOT JUPITER KEPLER-7 b. Astrophysical Journal Letters, 2011, 735, L12.	8.3	123
43	DIRECT EVIDENCE FOR AN ENHANCEMENT OF HELIUM IN GIANT STARS IN OMEGA CENTAURI. Astrophysical Journal, 2011, 728, 155.	4.5	65
44	Spitzer spectra of evolved stars in Ï‰ Centauri and their low-metallicity dust production. Monthly Notices of the Royal Astronomical Society, 2011, 417, 20-31.	4.4	36
45	CHARACTERISTICS OFKEPLERPLANETARY CANDIDATES BASED ON THE FIRST DATA SET. Astrophysical Journal, 2011, 728, 117.	4.5	313
46	WHITE-LIGHT FLARES ON COOL STARS IN THEKEPLERQUARTER 1 DATA. Astronomical Journal, 2011, 141, 50.	4.7	157
47	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BYKEPLER. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. Astrophysical Journal, 2011, 736, 19.	4.5	859
48	PHOTOMETRIC VARIABILITY INKEPLERTARGET STARS. II. AN OVERVIEW OF AMPLITUDE, PERIODICITY, AND ROTATION IN FIRST QUARTER DATA. Astronomical Journal, 2011, 141, 20.	4.7	187
49	KEPLER-14b: A MASSIVE HOT JUPITER TRANSITING AN F STAR IN A CLOSE VISUAL BINARY. Astrophysical Journal, Supplement Series, 2011, 197, 3.	7.7	74
50	DISCOVERY OF THE TRANSITING PLANET KEPLER-5b. Astrophysical Journal Letters, 2010, 713, L131-L135.	8.3	84
51	PHOTOMETRIC VARIABILITY IN KEPLER TARGET STARS: THE SUN AMONG STARSâ€"A FIRST LOOK. Astrophysical Journal Letters, 2010, 713, L155-L159.	8.3	147
52	A DEEPCHANDRAX-RAY SPECTRUM OF THE ACCRETING YOUNG STAR TW HYDRAE. Astrophysical Journal, 2010, 710, 1835-1847.	4.5	107
53	Discovery of long-period variable stars in the very metal-poor globular cluster M15. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	6
54	KEPLER MISSION DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. Astrophysical Journal Letters, 2010, 713, L79-L86.	8.3	941

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55	Kepler Planet-Detection Mission: Introduction and First Results. Science, 2010, 327, 977-980.	12.6	2,848
56	A Tunable Laser System for the Wavelength Calibration of Astronomical Spectrographs. , 2009, , .		0
57	FAST WINDS AND MASS LOSS FROM METAL-POOR FIELD GIANTS. Astronomical Journal, 2009, 138, 1485-1501.	4.7	48
58	MASS OUTFLOW AND CHROMOSPHERIC ACTIVITY OF RED GIANT STARS IN GLOBULAR CLUSTERS. II. M13 AND M92. Astronomical Journal, 2009, 137, 4282-4295.	4.7	24
59	MASS OUTFLOW FROM RED GIANT STARS IN M13, M15, AND M92. Astronomical Journal, 2009, 138, 615-624.	4.7	41
60	Giants in the globular cluster Ï‰ Centauri: dust production, mass-loss and distance. Monthly Notices of the Royal Astronomical Society, 2009, 394, 831-856.	4.4	80
61	Keplerâ€™s Optical Phase Curve of the Exoplanet HAT-P-7b. Science, 2009, 325, 709-709.	12.6	197
62	MASS OUTFLOW AND CHROMOSPHERIC ACTIVITY OF RED GIANT STARS IN GLOBULAR CLUSTERS. I. M15. Astronomical Journal, 2008, 135, 1117-1135.	4.7	25
63	ASPITZER SPACE TELESCOPEATLAS OF Ï‰ CENTAURI: THE STELLAR POPULATION, MASS LOSS, AND THE INTRACLUSTER MEDIUM. Astronomical Journal, 2008, 135, 1395-1411.	4.7	48
64	Active cool stars and He I 10â€‰830ÂÃ…: the coronal connection. Astronomy and Astrophysics, 2008, 488, 715-721.	5.1	31
65	Hubble Space TelescopeObservations of Chromospheres in Metal-Deficient Field Giants. Astronomical Journal, 2007, 134, 1348-1359.	4.7	17
66	The coronal structure of AB Doradus determined from contemporaneous Doppler imaging and X-ray spectroscopy. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1488-1502.	4.4	56
67	A Hot Wind from the Classical T Tauri Stars: TW Hydrae and T Tauri. Astrophysical Journal, 2005, 625, L131-L134.	4.5	77
68	A Farâ€ultraviolet Spectroscopic Survey of Luminous Cool Stars. Astrophysical Journal, 2005, 622, 629-652.	4.5	43
69	Winds from Cool Stars. Symposium - International Astronomical Union, 2004, 219, 623-634.	0.1	4
70	Spatially Resolved STIS Spectroscopy of Betelgeuse's Outer Atmosphere. Symposium - International Astronomical Union, 2004, 219, 641-645.	0.1	3
71	He i 10830 as a Probe of Winds in Accreting Young Stars. Astrophysical Journal, 2003, 599, L41-L44.	4.5	94
72	The Structure of Stellar Coronae in Active Binary Systems. Astrophysical Journal, Supplement Series, 2003, 145, 147-179.	7.7	87

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73	AFar Ultraviolet Spectroscopic ExplorerSurvey of Coronal Forbidden Lines in Lateâ€Type Stars. Astrophysical Journal, 2003, 585, 993-1006.	4.5	41
74	Quiescent and Flaring Structure in RS Canum Venaticorum Stars. Astrophysical Journal, 2002, 570, 799-819.	4.5	54
75	Spatially Resolved STIS Spectroscopy of Î± Orionis: Evidence for Nonradial Chromospheric Oscillation from Detailed Modeling. Astrophysical Journal, 2001, 558, 815-829.	4.5	35
76	X-Ray Doppler Imaging of 44[CLC]i[/CLC] Bootis with [ITAL]Chandra[/ITAL]. Astrophysical Journal, 2001, 562, L75-L78.	4.5	40
77	Modeling the Variable Chromosphere of Î± Orionis. Astrophysical Journal, 2000, 545, 454-474.	4.5	41
78	[ITAL]Hubble[/ITAL] [ITAL]Space[/ITAL] [ITAL]Telescope[/ITAL] Observations of Chromospheric Emission from the Population II Red Giant HD 216143. Astronomical Journal, 1998, 116, 931-935.	4.7	7
79	Spatially Resolved [ITAL]Hubble[/ITAL] [ITAL]Space[/ITAL] [ITAL]Telescope[/ITAL] Spectra of the Chromosphere of Î± Orionis. Astronomical Journal, 1998, 116, 2501-2512.	4.7	84
80	He [CSC]i[/CSC] 10830 Ã... Wing Asymmetry in Polar Coronal Holes: Evidence for Radial Outflows. Astrophysical Journal, 1996, 467, L121-L124.	4.5	43
81	First Image of the Surface of a Star with the [ITAL]Hubble Space Telescope[/ITAL]. Astrophysical Journal, 1996, 463, L29-L32.	4.5	113
82	Spectroscopy of the Ca II Line in Metal-Poor Field Red Giants. II. Northern Hemisphere Observations. Astronomical Journal, 1995, 110, 405.	4.7	32
83	Spectroscopy of chromospheric lines of giants in the globular cluster. Astrophysical Journal, 1994, 421, 542.	4.5	19
84	The Extreme Ultraviolet Spectrum of Alpha Aurigae (Capella). Astrophysical Journal, 1993, 418, L41.	4.5	117
85	Spectroscopy of the CA II K line of metal-poor field red giants. I - Southern Hemisphere observations. Astronomical Journal, 1992, 104, 2005.	4.7	13
86	Discovery of a fast wind from a field population II giant star. Astrophysical Journal, 1992, 387, L85.	4.5	40
87	Ca II emission from old red giants in the globular cluster M15. Nature, 1991, 354, 284-286.	27.8	0
88	Chromospheres of metal-deficient field giants. Astrophysical Journal, 1990, 353, 623.	4.5	23
89	The precision calcium photometer: A New Instrument for Astroseismology. Symposium - International Astronomical Union, 1988, 123, 521-524.	0.1	0
90	A survey of H-alpha line profiles among metal-deficient field red giants. Astronomical Journal, 1988, 95, 1547.	4.7	31

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91	Periodic photospheric and chromospheric modulation in Alpha Orionis (Betelgeuse). Astrophysical Journal, 1987, 317, L85.	4.5	49
92	Chromospheres and mass loss in metal-deficient giant stars. Astrophysical Journal, 1984, 281, L37.	4.5	47
93	Chromospheric and coronal emissions from the giants in the Hyades. Astrophysical Journal, 1983, 271, 672.	4.5	31
94	Ultraviolet Spectroscopic Measurements of Cool Stars. Highlights of Astronomy, 1980, 5, 263-276.	0.0	6
95	Ultraviolet Observations of AM Herculis. Symposium - International Astronomical Union, 1980, 88, 467-469.	0.1	1
96	Search for short time-scale periodicity in the X-ray flux of 4U1700 â€“ 37. Nature, 1979, 279, 508-509.	27.8	0
97	IUE observations of cool stars: Î± Aurigae, HR1099, Î» Andromedae, and Îµ Eridani. Nature, 1978, 275, 389-394.	27.8	33
98	IUE observations of X-ray sources: HD153919 (4U1700â€“37), HDE226868 (Cyg X-1), HZ Her (Her X-1). Nature, 1978, 275, 400-403.	27.8	31
99	Solar rotation in the chromosphere and corona. Solar Physics, 1973, 33, 425-429.	2.5	19