

Benjamin Zuckerman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166 papers	15,496 citations	70 h-index	123 g-index
168 ext. papers	16,537 ext. citations	8 avg, IF	6.53 L-index

#	Paper	IF	Citations
166	V488 Per Revisited: No Strong Mid-infrared Emission Features and No Evidence for Stellar/substellar Companions. <i>Astrophysical Journal</i> , 2021 , 922, 75	4.7	1
165	Discovery of Beryllium in White Dwarfs Polluted by Planetesimal Accretion. <i>Astrophysical Journal</i> , 2021 , 914, 61	4.7	5
164	Recurring Planetary Debris Transits and Circumstellar Gas around White Dwarf ZTF J03280219. <i>Astrophysical Journal</i> , 2021 , 917, 41	4.7	6
163	Early High-contrast Imaging Results with Keck/NIRC2-PWFS: The SR 21 Disk. <i>Astronomical Journal</i> , 2020 , 160, 283	4.9	0
162	Atmospheric Temperature Inversions and He i 5876 Core Profile Structure in White Dwarfs. <i>Astrophysical Journal</i> , 2020 , 900, 2	4.7	6
161	Serendipitous Discovery of Nine White Dwarfs with Gaseous Debris Disks. <i>Astrophysical Journal</i> , 2020 , 905, 56	4.7	13
160	The Nearby, Young, Argus Association: Membership, Age, and Dusty Debris Disks. <i>Astrophysical Journal</i> , 2019 , 870, 27	4.7	39
159	The Nearby, Young, χ Fornacis Cluster: Membership, Age, and an Extraordinary Ensemble of Dusty Debris Disks. <i>Astrophysical Journal</i> , 2019 , 887, 87	4.7	9
158	The Barium Abundance in the Young Star RZ Piscium. <i>Research Notes of the AAS</i> , 2019 , 3, 170	0.8	1
157	Compositions of Planetary Debris around Dusty White Dwarfs. <i>Astronomical Journal</i> , 2019 , 158, 242	4.9	29
156	Is the Young Star RZ Piscium Consuming Its Own (Planetary) Offspring?. <i>Astronomical Journal</i> , 2018 , 155, 33	4.9	29
155	A dearth of small particles in the transiting material around the white dwarf WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 4795-4809	4.3	14
154	The First Polluted White Dwarf from Gaia DR2: The Cool DAZ Gaia J17380826. <i>Research Notes of the AAS</i> , 2018 , 2, 64	0.8	1
153	Characterizing the Chemistry of Planetary Materials Around White Dwarf Stars 2018 , 1545-1566		3
152	The Chemical Composition of an Extrasolar Kuiper-Belt-Object. <i>Astrophysical Journal Letters</i> , 2017 , 836, L7	7.9	86
151	Nearby Young, Active, Late-type Dwarfs in Gaia's First Data Release. <i>Astrophysical Journal</i> , 2017 , 841, 73	4.7	11
150	Throwing Icebergs at White Dwarfs. <i>Astrophysical Journal Letters</i> , 2017 , 844, L16	7.9	74

149	Characterizing the Chemistry of Planetary Materials Around White Dwarf Stars 2017 , 1-22		1
148	EVIDENCE FOR GAS FROM A DISINTEGRATING EXTRASOLAR ASTEROID. <i>Astrophysical Journal Letters</i> , 2016 , 816, L22	7.9	35
147	The International Deep Planet Survey. <i>Astronomy and Astrophysics</i> , 2016 , 594, A63	5.1	74
146	Exocometary gas in the HD 181327 debris ring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 2933-2944	4.3	88
145	Solar abundances of rock-forming elements, extreme oxygen and hydrogen in a young polluted white dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 3186-3192	4.3	42
144	ASTROMETRIC MONITORING OF THE HR 8799 PLANETS: ORBIT CONSTRAINTS FROM SELF-CONSISTENT MEASUREMENTS. <i>Astronomical Journal</i> , 2016 , 152, 28	4.9	43
143	HERSCHELOBSERVATIONS OF DUSTY DEBRIS DISKS. <i>Astrophysical Journal</i> , 2016 , 833, 263	4.7	33
142	WARM DUSTY DEBRIS DISKS AND DISTANT COMPANION STARS: V488 PER AND 2M1337. <i>Astrophysical Journal</i> , 2015 , 798, 86	4.7	12
141	Discovery and spectroscopy of the young jovian planet 51 Eri b with the Gemini Planet Imager. <i>Science</i> , 2015 , 350, 64-7	33.3	355
140	A YOUNG WHITE DWARF WITH AN INFRARED EXCESS. <i>Astrophysical Journal Letters</i> , 2015 , 806, L5	7.9	9
139	EVIDENCE FOR AN ANHYDROUS CARBONACEOUS EXTRASOLAR MINOR PLANET. <i>Astrophysical Journal</i> , 2015 , 799, 109	4.7	34
138	THE OCCURRENCE OF WIDE-ORBIT PLANETS IN BINARY STAR SYSTEMS. <i>Astrophysical Journal Letters</i> , 2014 , 791, L27	7.9	47
137	Molecules in the transition disk orbiting T Chamaeleontis. <i>Astronomy and Astrophysics</i> , 2014 , 561, A42	5.1	12
136	The TW Hydrae association: trigonometric parallaxes and kinematic analysis. <i>Astronomy and Astrophysics</i> , 2014 , 563, A121	5.1	68
135	ACCRETION AND OH PHOTODISSOCIATION AT A NEARBY T TAURI SYSTEM IN THE PICTORIS MOVING GROUP. <i>Astrophysical Journal</i> , 2014 , 788, 102	4.7	7
134	ELEMENTAL COMPOSITIONS OF TWO EXTRASOLAR ROCKY PLANETESIMALS. <i>Astrophysical Journal</i> , 2014 , 783, 79	4.7	98
133	TWO BEYOND-PRIMITIVE EXTRASOLAR PLANETESIMALS. <i>Astrophysical Journal</i> , 2013 , 766, 132	4.7	71
132	DISCOVERY OF MOLECULAR HYDROGEN IN WHITE DWARF ATMOSPHERES. <i>Astrophysical Journal Letters</i> , 2013 , 766, L18	7.9	20

131	THE HYADES CLUSTER: IDENTIFICATION OF A PLANETARY SYSTEM AND ESCAPING WHITE DWARFS. <i>Astrophysical Journal</i> , 2013 , 770, 140	4.7	31
130	THE GALEX NEARBY YOUNG-STAR SURVEY. <i>Astrophysical Journal</i> , 2013 , 774, 101	4.7	78
129	COPIOUS AMOUNTS OF HOT AND COLD DUST ORBITING THE MAIN SEQUENCE A-TYPE STARS HD 131488 AND HD 121191. <i>Astrophysical Journal</i> , 2013 , 778, 12	4.7	42
128	THE NEARBY, YOUNG, ISOLATED, DUSTY STAR HD 166191. <i>Astrophysical Journal</i> , 2013 , 777, 78	4.7	15
127	YOUNG STARS NEAR EARTH: THE OCTANS-NEAR ASSOCIATION AND CASTOR MOVING GROUP. <i>Astrophysical Journal</i> , 2013 , 778, 5	4.7	38
126	FOMALHAUT b: INDEPENDENT ANALYSIS OF THE HUBBLE SPACE TELESCOPE PUBLIC ARCHIVE DATA. <i>Astrophysical Journal</i> , 2013 , 769, 42	4.7	57
125	TWO EXTRASOLAR ASTEROIDS WITH LOW VOLATILE-ELEMENT MASS FRACTIONS. <i>Astrophysical Journal</i> , 2012 , 750, 69	4.7	71
124	A SUBSTELLAR COMPANION TO THE DUSTY PLEIADES STAR HD 23514. <i>Astrophysical Journal</i> , 2012 , 748, 30	4.7	20
123	Rapid disappearance of a warm, dusty circumstellar disk. <i>Nature</i> , 2012 , 487, 74-6	50.4	79
122	Determining the Origin of Inner Planetary System Debris Orbiting the Dustiest Main Sequence Stars. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 273-277	0.1	
121	The International Deep Planet Survey. <i>Astronomy and Astrophysics</i> , 2012 , 544, A9	5.1	119
120	IDENTIFYING NEARBY, YOUNG, LATE-TYPE STARS BY MEANS OF THEIR CIRCUMSTELLAR DISKS. <i>Astrophysical Journal</i> , 2012 , 757, 163	4.7	39
119	BINARIES AMONG DEBRIS DISK STARS. <i>Astrophysical Journal</i> , 2012 , 745, 147	4.7	69
118	A 40 Myr OLD GASEOUS CIRCUMSTELLAR DISK AT 49 CETI: MASSIVE CO-RICH COMET CLOUDS AT YOUNG A-TYPE STARS. <i>Astrophysical Journal</i> , 2012 , 758, 77	4.7	121
117	Trigonometric parallaxes in the TW Hydrae Association. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 386-389	0.1	
116	STELLAR MEMBERSHIP AND DUSTY DEBRIS DISKS IN THE PERSEI CLUSTER. <i>Astrophysical Journal</i> , 2012 , 752, 58	4.7	49
115	HUNTING THE COOLEST DWARFS: METHODS AND EARLY RESULTS. <i>Astrophysical Journal</i> , 2011 , 743, 109	4.7	7
114	THE ULTRA COOL BROWN DWARF COMPANION OF WD 0806-661B: AGE, MASS, AND FORMATION MECHANISM. <i>Astrophysical Journal Letters</i> , 2011 , 732, L29	7.9	32

113	THE TUCANA/HOROLOGIIUM, COLUMBA, AB DORADUS, AND ARGUS ASSOCIATIONS: NEW MEMBERS AND DUSTY DEBRIS DISKS. <i>Astrophysical Journal</i> , 2011 , 732, 61	4.7	193
112	ACCRETION OF A TERRESTRIAL-LIKE MINOR PLANET BY A WHITE DWARF. <i>Astrophysical Journal</i> , 2011 , 732, 90	4.7	71
111	THE ABSENCE OF COLD DUST AND THE MINERALOGY AND ORIGIN OF THE WARM DUST ENCIRCLING BD +20 307. <i>Astrophysical Journal</i> , 2011 , 726, 72	4.7	40
110	A NEW METHOD TO IDENTIFY NEARBY, YOUNG, LOW-MASS STARS. <i>Astrophysical Journal</i> , 2011 , 727, 62	4.7	77
109	ROCKY EXTRASOLAR PLANETARY COMPOSITIONS DERIVED FROM EXTERNALLY POLLUTED WHITE DWARFS. <i>Astrophysical Journal</i> , 2011 , 741, 64	4.7	83
108	AN ALUMINUM/CALCIUM-RICH, IRON-POOR, WHITE DWARF STAR: EVIDENCE FOR AN EXTRASOLAR PLANETARY LITHOSPHERE?. <i>Astrophysical Journal</i> , 2011 , 739, 101	4.7	94
107	Images of a fourth planet orbiting HR 8799. <i>Nature</i> , 2010 , 468, 1080-3	50.4	626
106	DETECTION OF A MOLECULAR DISK ORBITING THE NEARBY, OLD, CLASSICAL T TAURI STAR MP MUSCAE. <i>Astrophysical Journal Letters</i> , 2010 , 723, L248-L251	7.9	21
105	Resolving debris discs in the far-infrared: Early highlights from the DEBRIS survey. <i>Astronomy and Astrophysics</i> , 2010 , 518, L135	5.1	76
104	Characterization of the Twa22 AB system. A new calibrator for evolutionary tracks?. <i>EAS Publications Series</i> , 2010 , 41, 95-98	0.2	
103	STRENGTHENING THE CASE FOR ASTEROIDAL ACCRETION: EVIDENCE FOR SUBTLE AND DIVERSE DISKS AT WHITE DWARFS. <i>Astrophysical Journal</i> , 2010 , 714, 1386-1397	4.7	104
102	Deep imaging survey of young, nearby austral stars. <i>Astronomy and Astrophysics</i> , 2010 , 509, A52	5.1	139
101	THE AGE OF THE HD 15407 SYSTEM AND THE EPOCH OF FINAL CATASTROPHIC MASS ACCRETION ONTO TERRESTRIAL PLANETS AROUND SUN-LIKE STARS. <i>Astrophysical Journal Letters</i> , 2010 , 717, L57-L61	7.9	68
100	ANCIENT PLANETARY SYSTEMS ARE ORBITING A LARGE FRACTION OF WHITE DWARF STARS. <i>Astrophysical Journal</i> , 2010 , 722, 725-736	4.7	238
99	CHANDRA X-RAY DETECTION OF THE ENIGMATIC FIELD STAR BP Psc. <i>Astrophysical Journal Letters</i> , 2010 , 719, L65-L68	7.9	4
98	ECHOES OF A DECAYING PLANETARY SYSTEM: THE GASEOUS AND DUSTY DISKS SURROUNDING THREE WHITE DWARFS. <i>Astrophysical Journal</i> , 2010 , 722, 1078-1091	4.7	104
97	SHOCKS AND A GIANT PLANET IN THE DISK ORBITING BP PISCUM?. <i>Astrophysical Journal</i> , 2010 , 724, 470-479	4.7	28
96	CHEMICAL ABUNDANCES IN THE EXTERNALLY POLLUTED WHITE DWARF GD 40: EVIDENCE OF A ROCKY EXTRASOLAR MINOR PLANET. <i>Astrophysical Journal</i> , 2010 , 709, 950-962	4.7	123

95	A SUBSTANTIAL DUST DISK SURROUNDING AN ACTIVELY ACCRETING FIRST-ASCENT GIANT STAR. <i>Astrophysical Journal</i> , 2009 , 696, 1964-1971	4.7	20
94	INFRARED SIGNATURES OF DISRUPTED MINOR PLANETS AT WHITE DWARFS. <i>Astrophysical Journal</i> , 2009 , 694, 805-819	4.7	253
93	The minimum Jeans mass, brown dwarf companion IMF, and predictions for detection of Y-type dwarfs. <i>Astronomy and Astrophysics</i> , 2009 , 493, 1149-1154	5.1	30
92	X-RAY AND INFRARED OBSERVATIONS OF TWO EXTERNALLY POLLUTED WHITE DWARFS. <i>Astrophysical Journal</i> , 2009 , 699, 1473-1479	4.7	62
91	PRE-DISCOVERY 2007 IMAGE OF THE HR 8799 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2009 , 705, L204-L207	4.7	54
90	SIX WHITE DWARFS WITH CIRCUMSTELLAR SILICATES. <i>Astronomical Journal</i> , 2009 , 137, 3191-3197	4.9	107
89	Direct imaging of multiple planets orbiting the star HR 8799. <i>Science</i> , 2008 , 322, 1348-52	33.3	1192
88	Planetary Systems around Close Binary Stars: The Case of the Very Dusty, Sun-like, Spectroscopic Binary BD+20 307. <i>Astrophysical Journal</i> , 2008 , 688, 1345-1351	4.7	44
87	Warm Dust in the Terrestrial Planet Zone of a Sun-like Pleiades Star: Collisions between Planetary Embryos?. <i>Astrophysical Journal</i> , 2008 , 675, 777-783	4.7	68
86	SpitzerIRAC Observations of White Dwarfs. I. Warm Dust at Metal-Rich Degenerates. <i>Astrophysical Journal</i> , 2008 , 674, 431-446	4.7	90
85	Gas and Dust Associated with the Strange, Isolated Star BP Piscium. <i>Astrophysical Journal</i> , 2008 , 683, 1085-1103	4.7	20
84	SpitzerIRAC Observations of White Dwarfs. II. Massive Planetary and Cold Brown Dwarf Companions to Young and Old Degenerates. <i>Astrophysical Journal</i> , 2008 , 681, 1470-1483	4.7	64
83	An accurate distance to 2M1207Ab. <i>Astronomy and Astrophysics</i> , 2008 , 477, L1-L4	5.1	47
82	Molecules in the circumstellar disk orbiting BP Piscium. <i>Astronomy and Astrophysics</i> , 2008 , 486, 239-244	5.1	8
81	SSSPM J1102-3431 brown dwarf characterization from accurate proper motion and trigonometric parallax. <i>Astronomy and Astrophysics</i> , 2008 , 489, 825-827	5.1	48
80	Identification of the TW Hydrae association member 2M1235-39: a tertiary component of the HR 4796 system. <i>Astronomy and Astrophysics</i> , 2008 , 491, 829-831	5.1	26
79	Molecules in the disk orbiting the twin young suns of V4046 Sagittarii. <i>Astronomy and Astrophysics</i> , 2008 , 492, 469-473	5.1	41
78	EF Chamaeleontis: Warm Dust Orbiting a Nearby 10 Myr Old Star. <i>Astrophysical Journal</i> , 2007 , 671, 616-624	4.7	30

77	Externally Polluted White Dwarfs with Dust Disks. <i>Astrophysical Journal</i> , 2007 , 663, 1285-1290	4.7	146
76	Characterization of Dusty Debris Disks: The IRAS and Hipparcos Catalogs. <i>Astrophysical Journal</i> , 2007 , 660, 1556-1571	4.7	191
75	Infrared Emission from the Dusty Disk Orbiting GD 362, an Externally Polluted White Dwarf. <i>Astronomical Journal</i> , 2007 , 133, 1927-1933	4.9	86
74	The Chemical Composition of an Extrasolar Minor Planet. <i>Astrophysical Journal</i> , 2007 , 671, 872-877	4.7	220
73	The Carina-Near Moving Group. <i>Astrophysical Journal</i> , 2006 , 649, L115-L118	4.7	71
72	HST/NICMOS Imaging of the Planetary-mass Companion to the Young Brown Dwarf 2MASSW J1207334B93254. <i>Astrophysical Journal</i> , 2006 , 652, 724-729	4.7	59
71	A deep photometric survey of the χ Chamaeleontis cluster down to the brown dwarf/planet boundary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 368, 1451-1455	4.3	35
70	An Infrared Coronagraphic Survey for Substellar Companions. <i>Astronomical Journal</i> , 2005 , 130, 1845-1864	4.9	87
69	Mid-Infrared Observations of the White Dwarf-Brown Dwarf Binary GD 1400. <i>Astronomical Journal</i> , 2005 , 130, 2237-2240	4.9	17
68	Low-Luminosity Companions to White Dwarfs. <i>Astrophysical Journal, Supplement Series</i> , 2005 , 161, 394-428	4.8	143
67	A Dusty Disk around GD 362, a White Dwarf with a Uniquely High Photospheric Metal Abundance. <i>Astrophysical Journal</i> , 2005 , 632, L119-L122	4.7	130
66	A companion to AB Pic at the planet/brown dwarf boundary. <i>Astronomy and Astrophysics</i> , 2005 , 438, L29-L32	5.1	190
65	Extreme collisions between planetesimals as the origin of warm dust around a Sun-like star. <i>Nature</i> , 2005 , 436, 363-5	50.4	119
64	Low mass companions to white dwarfs. <i>Astronomische Nachrichten</i> , 2005 , 326, 964-968	0.7	4
63	Giant planet companion to 2MASSW J1207334-393254. <i>Astronomy and Astrophysics</i> , 2005 , 438, L25-L28	5.1	217
62	Astrometric and spectroscopic confirmation of a brown dwarf companion to GSC 08047-00232. <i>Astronomy and Astrophysics</i> , 2005 , 430, 1027-1033	5.1	32
61	Rotation velocities of white dwarfs determined from the Ca II H\&K line. <i>Astronomy and Astrophysics</i> , 2005 , 444, 565-571	5.1	50
60	Young Stars Near the Sun. <i>Annual Review of Astronomy and Astrophysics</i> , 2004 , 42, 685-721	31.7	452

59	The AB Doradus Moving Group. <i>Astrophysical Journal</i> , 2004 , 613, L65-L68	4.7	164
58	The Brown Dwarf Desert at 75-1200 AU. <i>Astronomical Journal</i> , 2004 , 127, 2871-2884	4.9	131
57	Probing the Low-Mass Stellar End of the β Chamaeleontis Cluster. <i>Astrophysical Journal</i> , 2004 , 600, 1016-1019	4.7	26
56	A Search for Warm Circumstellar Disks in the TW Hydrae Association. <i>Astronomical Journal</i> , 2004 , 127, 2246-2251	4.9	37
55	On Ca ii Emission as an Indicator of the Age of Young Stars. <i>Astrophysical Journal</i> , 2004 , 614, L125-L127	4.7	17
54	A giant planet candidate near a young brown dwarf. <i>Astronomy and Astrophysics</i> , 2004 , 425, L29-L32	5.1	435
53	HD 199143 and HD 358623: Two recently identified members of the β Pictoris moving group. <i>Astronomy and Astrophysics</i> , 2004 , 414, 175-179	5.1	11
52	Dusty Debris Disks as Signposts of Planets: Implications for Spitzer Space Telescope. <i>Astrophysical Journal</i> , 2004 , 603, 738-743	4.7	99
51	Submillimeter Observations of an Asymmetric Dust Disk around Fomalhaut. <i>Astrophysical Journal</i> , 2003 , 582, 1141-1146	4.7	112
50	Metal Lines in DA White Dwarfs. <i>Astrophysical Journal</i> , 2003 , 596, 477-495	4.7	339
49	New Members of the TW Hydrae Association, β Pictoris Moving Group, and Tucana/Horologium Association. <i>Astrophysical Journal</i> , 2003 , 599, 342-350	4.7	152
48	Deep Keck Adaptive Optics Searches for Extrasolar Planets in the Dust of β Eridani and Vega. <i>Astrophysical Journal</i> , 2003 , 594, 538-544	4.7	36
47	There is a Brown Dwarf Desert of Companions Orbiting Stars between 75 and 1000 AU. <i>Symposium - International Astronomical Union</i> , 2003 , 211, 279-280		2
46	The Search for Brown Dwarfs around White Dwarfs. <i>Symposium - International Astronomical Union</i> , 2003 , 211, 289-292		3
45	Adaptive optics imaging survey of the Tucana-Horologium association. <i>Astronomy and Astrophysics</i> , 2003 , 404, 157-162	5.1	33
44	The First Spatially Resolved Mid-Infrared Spectroscopy of β Pictoris. <i>Astrophysical Journal</i> , 2003 , 584, L33-L37	4.7	51
43	Lithium Depletion Boundary in a Pre-Main-Sequence Binary System. <i>Astrophysical Journal</i> , 2002 , 581, L43-L46	4.7	51
42	Additional TWA members?. <i>Astronomy and Astrophysics</i> , 2002 , 385, 862-866	5.1	31

41	Infrared Views of the TW Hydra Disk. <i>Astrophysical Journal</i> , 2002 , 566, 409-418	4.7	106
40	M-Type Vega-like Stars. <i>Astronomical Journal</i> , 2002 , 124, 514-518	4.9	32
39	Tucana Association. <i>Astrophysical Journal</i> , 2001 , 559, 388-394	4.7	83
38	Dusty Circumstellar Disks. <i>Annual Review of Astronomy and Astrophysics</i> , 2001 , 39, 549-580	31.7	167
37	The ρ Pictoris Moving Group. <i>Astrophysical Journal</i> , 2001 , 562, L87-L90	4.7	322
36	The TW Hydrae Association: Discovery of T Tauri Star Members Near HR 4796. <i>Astrophysical Journal</i> , 2001 , 549, L233-L236	4.7	258
35	Discovery of 14 Nearby Double Stars. <i>Astronomical Journal</i> , 2001 , 121, 3259-3265	4.9	28
34	Dusty Debris around Solar-Type Stars: Temporal Disk Evolution. <i>Astrophysical Journal</i> , 2001 , 555, 932-944	4.7	149
33	Identification of a Nearby Stellar Association in the Hipparcos Catalog: Implications for Recent, Local Star Formation. <i>Astrophysical Journal</i> , 2000 , 535, 959-964	4.7	129
32	A Candidate Substellar Companion to HR 7329. <i>Astrophysical Journal</i> , 2000 , 541, 390-395	4.7	111
31	Brown dwarfs: at last filling the gap between stars and planets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 963-6	11.5	2
30	Stellar Companions and the Age of HD 141569 and Its Circumstellar Disk. <i>Astrophysical Journal</i> , 2000 , 544, 937-943	4.7	80
29	A Candidate Substellar Companion to CD B37795 (TWA 5). <i>Astrophysical Journal</i> , 1999 , 512, L69-L72	4.7	105
28	Discovery of Seven T Tauri Stars and a Brown Dwarf Candidate in the Nearby TW Hydrae Association. <i>Astrophysical Journal</i> , 1999 , 512, L63-L67	4.7	322
27	The Circumstellar Disk of HD 141569 Imaged with NICMOS. <i>Astrophysical Journal</i> , 1999 , 525, L53-L56	4.7	183
26	Submillimetre images of dusty debris around nearby stars. <i>Nature</i> , 1998 , 392, 788-791	50.4	348
25	A Dust Ring around ϵ Eridani: Analog to the Young Solar System. <i>Astrophysical Journal</i> , 1998 , 506, L133-L137	4.7	258
24	Infrared Imaging of GRB 970508. <i>Astrophysical Journal</i> , 1998 , 498, L9-L11	4.7	14

- 23 Metals in Cool DA White Dwarfs. *Astrophysical Journal*, **1998**, 505, L143-L146 4.7 55
- 22 X-ray and molecular emission from the nearest region of recent star formation. *Science*, **1997**, 277, 67-71 33.3 305
- 21 Orbital Separations of White Dwarf-Red Dwarf Binaries. *Astrophysical Journal*, **1996**, 460, 402 4.7 23
- 20 HDE 233517: Lithium and Excess Infrared Emission in Giant Stars. *Astrophysical Journal*, **1996**, 462, 4.7 22
- 19 Inhibition of giant-planet formation by rapid gas depletion around young stars. *Nature*, **1995**, 373, 494-650.4 284
- 18 Luminosity Class III Stars with Excess Far-Infrared Emission. *Astrophysical Journal*, **1995**, 446, L79 4.7 41
- 17 The Brown Dwarf Candidate 09180023B is a Distant Compact Galaxy. *Astrophysical Journal*, **1995**, 449, 4.7 2
- 16 Submillimeter studies of main-sequence stars. *Astrophysical Journal*, **1993**, 414, 793 4.7 114
- 15 Infrared observations of the remarkable main-sequence star HD 98800. *Astrophysical Journal*, **1993**, 406, L25 4.7 37
- 14 Constraints on the Evolution of Remnant Protostellar Dust Debris around HR 4796. *Astrophysical Journal*, **1993**, 418, L37 4.7 70
- 13 Brown Dwarfs in Binary Systems. *Highlights of Astronomy*, **1989**, 8, 119-122
- 12 Measurements of Keplerian rotation of the gas in the circumbinary disk around T Tauri. *Astrophysical Journal*, **1989**, 344, 915 4.7 28
- 11 Brown Dwarfs in Binary Systems **1989**, 119-122 1
- 10 A low-temperature companion to a white dwarf star. *Nature*, **1988**, 336, 656-658 50.4 235
- 9 Excess infrared radiation from a white dwarf in an orbiting brown dwarf?. *Nature*, **1987**, 330, 138-140 50.4 230
- 8 A search for brown dwarfs and late M dwarfs in the Hyades and the Pleiades. *Astrophysical Journal*, **1987**, 319, L99 4.7 60
- 7 Interstellar molecules. *Nature*, **1977**, 268, 491-495 50.4 13
- 6 Observations of Molecular Clouds. *Astrophysics and Space Science Library*, **1977**, 107-112 0.3

5	Review of Orion A and Orion B 1975 , 360-368		1
4	Radio Radiation from Interstellar Molecules. <i>Annual Review of Astronomy and Astrophysics</i> , 1974 , 12, 279-313	31.7	183
3	Models of massive molecular clouds. <i>Astrophysical Journal</i> , 1974 , 192, L149	4.7	264
2	Microwave Detection of Interstellar Formaldehyde. <i>Physical Review Letters</i> , 1969 , 22, 679-681	7.4	287
1	Observations of Galactic OH. <i>Astrophysical Journal</i> , 1967 , 148, 727	4.7	29