

# Christopher A Tout

## List of Publications by Year in descending order

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196  
papers

12,188  
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36203

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26548

107  
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202  
all docs

202  
docs citations

202  
times ranked

5788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Highly Magnetic White Dwarfs by Field Decay and Cooling: Theory and Simulations. <i>Astrophysical Journal</i> , 2022, 925, 133.	1.6	7
2	A unified model for the evolution of cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4169-4177.	1.6	7
3	The Equilibrium Tide: An Updated Prescription for Population Synthesis Codes. <i>Astrophysical Journal</i> , 2022, 933, 25.	1.6	3
4	The Common Envelope Evolution Outcome—A Case Study on Hot Subdwarf B Stars. <i>Astrophysical Journal</i> , 2022, 933, 137.	1.6	14
5	The Nature of the Eccentric Double-lined Eclipsing Binary System KIC 2306740 with Kepler Space Photometry. <i>Astrophysical Journal</i> , 2021, 910, 111.	1.6	1
6	Resolving dichotomy in compact objects through continuous gravitational waves observation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 842-851.	1.6	4
7	Convective differential rotation in stars and planets — I. Theory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3758-3781.	1.6	5
8	Convective differential rotation in stars and planets — II. Observational and numerical tests. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3782-3806.	1.6	3
9	Modified virial theorem for highly magnetized white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 763-771.	1.6	3
10	Unresolved stellar companions with <i>Gaia</i> DR2 astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1922-1940.	1.6	219
11	Suppression of luminosity and mass-radius relation of highly magnetized white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 894-902.	1.6	13
12	Asteroseismology of tidally distorted sdB stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3066-3072.	1.6	4
13	Tidal Interactions between Binary Stars Can Drive Lithium Production in Low-mass Red Giants. <i>Astrophysical Journal</i> , 2019, 880, 125.	1.6	59
14	Effects of winds on the leftover hydrogen in massive stars following Roche lobe overflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4451-4462.	1.6	34
15	Extending common envelope simulations from Roche lobe overflow to the nebular phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 631-647.	1.6	55
16	Convection physics and tidal synchronization of the subdwarf binary NY Virginis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2889-2894.	1.6	8
17	Cosmic biology in perspective. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	4
18	Reply to commentary by R Duggleby (2019). <i>Progress in Biophysics and Molecular Biology</i> , 2019, 141, 74-78.	1.4	4

#	ARTICLE	IF	CITATIONS
19	The Structure and Evolution of Stars. , 2019, , .		7
20	Energy Budget of the Solar Cycle. Research Notes of the AAS, 2019, 3, 124.	0.3	0
21	Binary stars in the Galactic thick disc. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2984-2999.	1.6	64
22	The effects of diffusion in hot subdwarf progenitors from the common envelope channel. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4728-4738.	1.6	16
23	Turbulence closure for mixing length theories. Monthly Notices of the Royal Astronomical Society, 2018, 476, 646-662.	1.6	8
24	Cause of Cambrian Explosion - Terrestrial or Cosmic?. Progress in Biophysics and Molecular Biology, 2018, 136, 3-23.	1.4	34
25	Reply to editorial and commentaries on Steele, Al-Mufti, Augustyn, Chandrajith, Coghlan, Coulson et Aal. (2018) "Cause of Cambrian explosion - Terrestrial or Cosmic?". Progress in Biophysics and Molecular Biology, 2018, 136, 27-28.	1.4	5
26	Tidal Interactions of Close Hot Subdwarf Binaries. Monthly Notices of the Royal Astronomical Society, 2018, 481, 715-726.	1.6	21
27	Origin of magnetic fields in cataclysmic variables. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3604-3617.	1.6	13
28	Genesis of magnetic fields in isolated white dwarfs. Monthly Notices of the Royal Astronomical Society, 2018, 478, 899-905.	1.6	26
29	Enhanced rotational mixing in the radiative zones of massive stars. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5427-5446.	1.6	13
30	On the discovery of K-enhanced and possibly Mg-depleted stars throughout the Milky Way. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1384-1392.	1.6	9
31	Rotation and magnetism in intermediate-mass stars. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2298-2309.	1.6	17
32	The cosmic microwave background and the stellar initial mass function. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4265-4272.	1.6	10
33	Diffusion in hot subdwarf progenitors from the common envelope channel. Open Astronomy, 2017, 26, .	0.2	0
34	Tidal heating and stellar irradiation of hot Jupiters. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1768-1782.	1.6	36
35	The implications of a companion enhanced wind on millisecond pulsar production. Monthly Notices of the Royal Astronomical Society, 2017, 464, 237-245.	1.6	4
36	A Dynamical Gravitational Wave Source in a Dense Cluster. Publications of the Astronomical Society of Australia, 2016, 33, .	1.3	27

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37	The proper motion of HV2112: a T <sub>A</sub> »O candidate in the SMC. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 459, L31-L35.	1.2	11
38	Merging binary stars and the magnetic white dwarfs. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1713-1723.	1.6	49
39	Formation of redbacks via accretion-induced collapse. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2540-2549.	1.6	17
40	On the blue loops of intermediate-mass stars. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2951-2960.	1.6	27
41	The great escape â€“ III. Placing post-main-sequence evolution of planetary and binary systems in a Galactic context. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1127-1140.	1.6	76
42	HV2112, a Thorneâ€™ytkov object or a super asymptotic giant branch star. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 445, L36-L40.	1.2	18
43	The nature of millisecond pulsars with helium white dwarf companions. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2217-2229.	1.6	20
44	The most magnetic stars. Monthly Notices of the Royal Astronomical Society, 2014, 437, 675-681.	1.6	84
45	Pre-Mainsequence Stellar Evolution in N-Body Models. Publications of the Astronomical Society of Australia, 2014, 31, .	1.3	7
46	Core radii and common-envelope evolution. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3209-3219.	1.6	18
47	Which physics determines the location of the mean molecular weight minimum in red giants?. Monthly Notices of the Royal Astronomical Society, 2014, 443, 977-984.	1.6	4
48	A two-dimensional mixing length theory of convective transport. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2200-2208.	1.6	5
49	A transdimensional Bayesian method to infer the star formation history of resolved stellar populations. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2171-2186.	1.6	20
50	An exoplanet's response to anisotropic stellar mass loss during birth and death. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2416-2430.	1.6	79
51	Planetary nebulae after common-envelope phases initiated by low-mass red giants. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2048-2059.	1.6	33
52	Towards a unified model of stellar rotation. Monthly Notices of the Royal Astronomical Society, 2012, 419, 748-759.	1.6	32
53	Quasi-stars, giants and the SchÃ¶nberg-Chandrasekhar limit. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2713-2721.	1.6	21
54	The great escape - II. Exoplanet ejection from dying multiple-star systems. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1648-1664.	1.6	80

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55	Towards a unified model of stellar rotation - II. Model-dependent characteristics of stellar populations. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1221-1233.	1.6	15
56	Stellar evolution of massive stars with a radiative $\hat{\pm}\hat{\circ}$ dynamo. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2358-2370.	1.6	38
57	Non-Conservative Evolution of Binary Stars. Proceedings of the International Astronomical Union, 2011, 7, 417-424.	0.0	2
58	White Dwarf Remnants of Binary Star Evolution. Proceedings of the International Astronomical Union, 2011, 7, 44-51.	0.0	1
59	TIDALLY ENHANCED STELLAR WIND: A WAY TO MAKE THE SYMBIOTIC CHANNEL TO TYPE Ia SUPERNOVA VIABLE. Astrophysical Journal Letters, 2011, 735, L31.	3.0	40
60	A common envelope binary star origin of long gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2458-2462.	1.6	12
61	The structure and evolution of quasi-stars. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2751-2762.	1.6	35
62	Runaway stars as progenitors of supernovae and gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2011, 414, 3501-3520.	1.6	197
63	Spin-down of massive rotating stars. Monthly Notices of the Royal Astronomical Society, 2011, 415, 959-963.	1.6	8
64	Tidal warping and precession of Be star decretion discs. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2827-2839.	1.6	55
65	Slowing down atomic diffusion in subdwarf B stars: mass loss or turbulence?. Monthly Notices of the Royal Astronomical Society, 2011, 418, 195-205.	1.6	68
66	The origin of the strongest magnetic fields in dwarfs. Pramana - Journal of Physics, 2011, 77, 199-212.	0.9	1
67	Stars acquire youth through duplicity. Nature, 2011, 478, 331-332.	13.7	2
68	Testing models of rotating stars. Proceedings of the International Astronomical Union, 2010, 6, 73-78.	0.0	0
69	The chemical composition of donors in AM CVn stars and ultracompact X-ray binaries: observational tests of their formation. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1347-1359.	1.6	91
70	Supernova kicks and misaligned microquasars. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1514-1520.	1.6	16
71	Magnetic field evolution of white dwarfs in strongly interacting binary star systems. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1072-1080.	1.6	30
72	Formation of binary millisecond pulsars by accretion-induced collapse of white dwarfs. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1437-1448.	1.6	52

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73	Spin angular momentum evolution of the long-period Algols. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	15
74	Does GDâ€³356 have a terrestrial planetary companion?. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	13
75	Mass transfer in eccentric binaries: the new oil-on-water smoothed particle hydrodynamics technique. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1127-1134.	1.6	29
76	The evolution of low-metallicity asymptotic giant branch stars and the formation of carbon-enhanced metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2009, 396, 1046-1057.	1.6	53
77	Supernova kicks and misaligned Be star binaries. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1563-1576.	1.6	39
78	The shape of an accretion disc in a misaligned black hole binary. Monthly Notices of the Royal Astronomical Society, 2009, 400, 383-391.	1.6	23
79	The origin of magnetism on the upper main sequence. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 400, L71-L74.	1.2	99
80	Accretion induced collapse of white dwarfs in binary systems and their observational properties. Journal of Physics: Conference Series, 2009, 172, 012037.	0.3	5
81	<i>N</i>-body Simulations with Live Stellar Evolution. Publications of the Astronomical Society of Australia, 2009, 26, 92-102.	1.3	5
82	The effect of massive binaries on stellar populations and supernova progenitors. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1109-1118.	1.6	379
83	Disc evolution and the relationship between $L_{\text{acc}}$ and $L^*$ in T Tauri stars. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1530-1534.	1.6	15
84	Alignment time-scale of the microquasar GRO J1655âˆ²40. Monthly Notices of the Royal Astronomical Society, 2008, 387, 188-196.	1.6	42
85	Binary star origin of high field magnetic white dwarfs. Monthly Notices of the Royal Astronomical Society, 2008, 387, 897-901.	1.6	169
86	DIVISION IV / WORKING GROUP ABUNDANCES IN RED-GIANTS. Proceedings of the International Astronomical Union, 2008, 4, 240-241.	0.0	0
87	Binary Stars. Lecture Notes in Physics, 2008, , 297-319.	0.3	3
88	Stellar Evolution. Lecture Notes in Physics, 2008, , 261-282.	0.3	1
89	Implementation of New OPAL Tables in Eggleton's Stellar Evolution Code. Research in Astronomy and Astrophysics, 2007, 7, 245-250.	1.1	32
90	The Effect of Massive Binaries on Stellar Populations and Supernova Progenitors. Proceedings of the International Astronomical Union, 2007, 3, 179-184.	0.0	0

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91	DIVISION IV / WG: ABUNDANCES IN RED GIANTS. Proceedings of the International Astronomical Union, 2007, 3, 150-150.	0.0	0
92	On rejuvenation in massive binary systems. Monthly Notices of the Royal Astronomical Society, 2007, 376, 61-70.	1.6	36
93	Carbon-rich extremely metal poor stars: signatures of Population III asymptotic giant branch stars in binary systems. Monthly Notices of the Royal Astronomical Society, 2007, 378, 563-568.	1.6	20
94	Alignment and precession of a black hole with a warped accretion disc. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1617-1624.	1.6	51
95	Evolution of Binary Systems. EAS Publications Series, 2006, 19, 31-49.	0.3	1
96	The C flash and the ignition conditions of Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2006, 368, 187-195.	1.6	58
97	Detailed models of the binary pulsars J1141+6545 and B2303+46. Monthly Notices of the Royal Astronomical Society, 2006, 372, 715-727.	1.6	19
98	Critical mass transfer in double-degenerate Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2006, 373, 263-270.	1.6	18
99	HD 61396: An unusual mass-transfer RS CVn binary. New Astronomy, 2006, 11, 431-436.	0.8	1
100	The Relation between the Critical Accretion Rate of Progenitors of SNe Ia and Metallicity. Research in Astronomy and Astrophysics, 2006, 6, 461-469.	1.1	7
101	Nucleosynthesis in Binary Stars. Science, 2006, 311, 345-346.	6.0	0
102	The triple- $\alpha$ process and the origin of the elements. Contemporary Physics, 2006, 47, 145-155.	0.8	0
103	Third dredge-up in low-mass stars: solving the Large Magellanic Cloud carbon star mystery. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 356, L1-L5.	1.2	37
104	Working Group on Abundances in Red Giants. Proceedings of the International Astronomical Union, 2005, 1, 237-239.	0.0	0
105	HR4049: signature of nova nucleosynthesis?. Nuclear Physics A, 2005, 758, 725-728.	0.6	5
106	The convective Urca process. Nuclear Physics A, 2005, 758, 463-466.	0.6	3
107	Nucleosynthesis on the Asymptotic Giant Branch: A comparison between codes. Nuclear Physics A, 2005, 758, 569-572.	0.6	5
108	Reconstructing the evolution of white dwarf binaries: further evidence for an alternative algorithm for the outcome of the common-envelope phase in close binaries. Monthly Notices of the Royal Astronomical Society, 2005, 356, 753-764.	1.6	182

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109	Hibernation revived by weak magnetic braking. Monthly Notices of the Royal Astronomical Society, 2005, 358, 1036-1042.	1.6	6
110	The effect of the $^{19}\text{F}(\text{p}, \text{n})^{22}\text{Ne}$ reaction rate uncertainty on the yield of fluorine from Wolf-Rayet stars. Monthly Notices of the Royal Astronomical Society, 2005, 360, 375-379.	1.6	31
111	A complete N-body model of the old open cluster M67. Monthly Notices of the Royal Astronomical Society, 2005, 363, 293-314.	1.6	202
112	A two-stream formalism for the convective Urca process. Monthly Notices of the Royal Astronomical Society, 2005, 356, 131-144.	1.6	29
113	Detection of a Red Supergiant Progenitor Star of a Type II-Plateau Supernova. Science, 2004, 303, 499-503.	6.0	151
114	A more detailed look at the opacities for enriched carbon and oxygen mixtures. Monthly Notices of the Royal Astronomical Society, 2004, 348, 201-206.	1.6	69
115	Formation rates of core-collapse supernovae and gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1215-1228.	1.6	136
116	A new synthetic model for asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2004, 350, 407-426.	1.6	234
117	A binary origin for low-luminosity carbon stars. Monthly Notices of the Royal Astronomical Society, 2004, 350, L1-L4.	1.6	17
118	Deep dredge-up in intermediate-mass thermally pulsing asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2004, 352, 984-992.	1.6	49
119	The progenitors of core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2004, 353, 87-97.	1.6	245
120	Metallicity effects on open cluster dynamics. Monthly Notices of the Royal Astronomical Society, 2004, 355, 1207-1216.	1.6	23
121	Magnetic fields in white dwarfs and stellar evolution. Monthly Notices of the Royal Astronomical Society, 2004, 355, L13-L16.	1.6	51
122	Binary stars and magnetic fields. EAS Publications Series, 2004, 11, 97-114.	0.3	0
123	Stellar Chemical Signatures and Hierarchical Galaxy Formation. Astronomical Journal, 2004, 128, 1177-1195.	1.9	634
124	Thermohaline-mixing in binary evolution. New Astronomy, 2003, 8, 23-28.	0.8	6
125	Could edge-lit type Ia supernovae be standard candles?. New Astronomy, 2003, 8, 283-294.	0.8	9
126	Chemical enrichment by Wolf-Rayet and asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2003, 338, 973-989.	1.6	44



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127	Partial mixing and formation of the $^{13}\text{C}$ pocket by internal gravity waves in asymptotic giant branch stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 722-732.	1.6	113
128	Chemical enrichment by Wolf-Rayet stars: non-solar metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 299-325.	1.6	28
129	Mass limits for the progenitor star of supernova 2001du and other Type II-P supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 735-749.	1.6	51
130	Core radius evolution of star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 1025-1037.	1.6	42
131	Nucleosynthesis in Binary Populations. <i>Publications of the Astronomical Society of Australia</i> , 2003, 20, 345-350.	1.3	7
132	On a Physical Mechanism for Extra-Mixing in Globular Cluster Red Giants. <i>Highlights of Astronomy</i> , 2002, 12, 289-291.	0.0	0
133	Working Group on Abundances in Red Giants: (Groupe De Travail Pour Les Abondances Dans Les) Tj ETQq1 1 0.784314 rgBT 0 Overloc	0.1	0
134	Criterion for Dynamical Instability of Mass Transfer in Binary Evolution. <i>International Astronomical Union Colloquium</i> , 2002, 187, 297-302.	0.1	0
135	The Unusual Evolutionary State of Nova Scorpii 1994. <i>International Astronomical Union Colloquium</i> , 2002, 187, 373-378.	0.1	0
136	Star Clusters as Exotic Star Factories. <i>International Astronomical Union Colloquium</i> , 2002, 187, 115-120.	0.1	0
137	Were the Fibonacci Series and the Golden Section Known in Ancient Egypt?. <i>Historia Mathematica</i> , 2002, 29, 101-113.	0.2	32
138	Low- and intermediate-mass close binary evolution and the initial-final mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 319, 215-222.	1.6	130
139	Evolution of binary stars and the effect of tides on binary populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 897-928.	1.6	1,445
140	The Nature of the Progenitor of the Type II $\alpha$ Supernova 1999em. <i>Astrophysical Journal</i> , 2002, 565, 1089-1100.	1.6	52
141	Direct N-body modelling of stellar populations: blue stragglers in M67. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 630-650.	1.6	134
142	Winds from massive stars: implications for the afterglows of $\gamma$ -ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 829-840.	1.6	92
143	Russell Lecture: Dark Star Formation and Cooling Instability. <i>Astrophysical Journal</i> , 2001, 558, 1-9.	1.6	16
144	An Upper Mass Limit for the Progenitor of the Type II-P Supernova SN 1999[CLC]gi[/CLC]. <i>Astrophysical Journal</i> , 2001, 556, L29-L32.	1.6	37

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145	Eccentricities of the Barium Stars. <i>Astrophysics and Space Science Library</i> , 2001, , 117-124.	1.0	0
146	Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 315, 543-569.	1.6	1,380
147	On a physical mechanism for extra mixing in globular cluster red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 316, 395-406.	1.6	78
148	The eccentricities of the barium stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 316, 689-698.	1.6	35
149	Observational implications of precessing protostellar discs and jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 773-781.	1.6	152
150	Current understanding of accretion disc viscosity. <i>New Astronomy Reviews</i> , 2000, 44, 37-40.	5.2	5
151	Cataclysmic Variables as a Magnetic Laboratory. , 2000, , 725-750.		0
152	How Binary Stars affect Galactic Chemical Evolution. Symposium - International Astronomical Union, 1999, 191, 447-452.	0.1	1
153	Accretion disc evolution in single and binary T Tauri stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 304, 425-433.	1.6	49
154	The ages of pre-main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 360-376.	1.6	62
155	Stellar evolution models for $Z = 0.0001$ to $0.03$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 525-536.	1.6	456
156	Magnetospheric accretion and pre-main-sequence stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 299, 1013-1018.	1.6	11
157	Stellar Evolution and Dynamics in Star Clusters. <i>Highlights of Astronomy</i> , 1998, 11, 622-627.	0.0	2
158	The Unusual Evolutionary State of GRO J1655 $\hat{\sim}$ 40. <i>Astrophysical Journal</i> , 1998, 509, 362-365.	1.6	15
159	The binary second sequence in cluster colour-magnitude diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 977-980.	1.6	66
160	The binary second sequence in cluster colour-magnitude diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 977-980.	1.6	6
161	Optical Spectroscopy of Embedded Young Stars in the Taurus-Auriga Molecular Cloud. <i>Astronomical Journal</i> , 1998, 115, 2491-2503.	1.9	98
162	The theoretical mass-magnitude relation of low-mass stars and its metallicity dependence. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 287, 402-414.	1.6	53

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163	Further critical tests of stellar evolution by means of double-lined eclipsing binaries. Monthly Notices of the Royal Astronomical Society, 1997, 289, 869-881.	1.6	182
164	How two cohabiting magnetic dynamos explain the secular evolution of cataclysmic variables. Monthly Notices of the Royal Astronomical Society, 1997, 289, 59-65.	1.6	18
165	Rapid binary star evolution for N-body simulations and population synthesis. Monthly Notices of the Royal Astronomical Society, 1997, 291, 732-748.	1.6	169
166	Resonant Tides in Close Orbiting Planets. Astrophysical Journal, 1997, 484, 866-870.	1.6	43
167	Viscosity and Large-Scale Magnetic Fields from Accretion Disc Dynamos. International Astronomical Union Colloquium, 1997, 163, 190-200.	0.1	0
168	A Core-Envelope Decoupling Dynamo Model for Cataclysmic Variables. International Astronomical Union Colloquium, 1996, 158, 445-446.	0.1	0
169	Accretion Disc Viscosity. International Astronomical Union Colloquium, 1996, 158, 97-106.	0.1	3
170	Can a disc dynamo generate large-scale magnetic fields?. Monthly Notices of the Royal Astronomical Society, 1996, 281, 219-225.	1.6	82
171	Zero-age main-sequence radii and luminosities as analytic functions of mass and metallicity. Monthly Notices of the Royal Astronomical Society, 1996, 281, 257-262.	1.6	196
172	Dwarf nova outbursts in truncated accretion discs: down with low alphas. Monthly Notices of the Royal Astronomical Society, 1996, 282, 735-738.	1.6	30
173	Approximate input physics for stellar modelling. Monthly Notices of the Royal Astronomical Society, 1995, 274, 964-974.	1.6	479
174	The formation of barium and CH stars and related objects. Monthly Notices of the Royal Astronomical Society, 1995, 277, 1443-1462.	1.6	139
175	The effect of magnetic fields in common-envelope evolution on the formation of cataclysmic variables. Monthly Notices of the Royal Astronomical Society, 1995, 273, 146-156.	1.6	44
176	Is the accretion disc of TT Ari hotter after a minimum?. Monthly Notices of the Royal Astronomical Society, 1993, 265, L5-L8.	1.6	5
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