

Matthew Bate

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3796757/publications.pdf>

Version: 2024-02-01

150
papers

14,256
citations

19657

61
h-index

20961

115
g-index

153
all docs

153
docs citations

153
times ranked

4761
citing authors

#	ARTICLE	IF	CITATIONS
1	On the origin of magnetic fields in stars – II. The effect of numerical resolution. Monthly Notices of the Royal Astronomical Society, 2022, 511, 746-764.	4.4	9
2	Supernovae and photoionizing feedback in spiral arm molecular clouds. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2088-2099.	4.4	8
3	Dust coagulation during the early stages of star formation: molecular cloud collapse and first hydrostatic core evolution. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2145-2161.	4.4	21
4	The impact of non-ideal magnetohydrodynamic processes on discs, outflows, counter-rotation, and magnetic walls during the early stages of star formation. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2354-2372.	4.4	18
5	The statistical properties of protostellar discs and their dependence on metallicity. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5279-5295.	4.4	8
6	The formation of massive stellar clusters in converging galactic flows with photoionization. Monthly Notices of the Royal Astronomical Society, 2021, 509, 954-973.	4.4	18
7	Photoionizing feedback in spiral arm molecular clouds. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1672-1691.	4.4	21
8	A triple-star system with a misaligned and warped circumstellar disk shaped by disk tearing. Science, 2020, 369, 1233-1238.	12.6	63
9	Synthetic molecular line observations of the first hydrostatic core from chemical calculations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2853-2873.	4.4	7
10	There is no magnetic braking catastrophe: low-mass star cluster and protostellar disc formation with non-ideal magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1719-1741.	4.4	54
11	The statistical properties of stars and their dependence on metallicity. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2341-2361.	4.4	64
12	The collapse of a molecular cloud core to stellar densities using radiation non-ideal magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1859-1880.	4.4	47
13	Intracluster age gradients in numerous young stellar clusters. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1213-1223.	4.4	29
14	Young star clusters in nearby molecular clouds. Monthly Notices of the Royal Astronomical Society, 2018, 477, 298-324.	4.4	21
15	Sink particle radiative feedback in smoothed particle hydrodynamics models of star formation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2562-2577.	4.4	12
16	Circumstellar disc lifetimes in numerous galactic young stellar clusters. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5191-5206.	4.4	81
17	On the origin of magnetic fields in stars. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2450-2457.	4.4	24
18	Hall effect-driven formation of gravitationally unstable discs in magnetized molecular cloud cores. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4434-4442.	4.4	24

#	ARTICLE	IF	CITATIONS
19	Shaken and stirred: the effects of turbulence and rotation on disc and outflow formation during the collapse of magnetized molecular cloud cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4241-4256.	4.4	18
20	On the diversity and statistical properties of protostellar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 5618-5658.	4.4	213
21	What can the SEDs of first hydrostatic core candidates reveal about their nature?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 800-823.	4.4	9
22	The effect of extreme ionization rates during the initial collapse of a molecular cloud core. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2063-2074.	4.4	26
23	On the dynamics of dust during protostellar collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1089-1094.	4.4	35
24	Does turbulence determine the initial mass function?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 105-110.	4.4	17
25	Dust-trapping Vortices and a Potentially Planet-triggered Spiral Wake in the Pre-transitional Disk of V1247 Orionis. <i>Astrophysical Journal Letters</i> , 2017, 848, L11.	8.3	64
26	The dependence of protostar formation on the geometry and strength of the initial magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3324-3337.	4.4	27
27	Star Formation In Nearby Clouds (SFINCs): X-Ray and Infrared Source Catalogs and Membership. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 28.	7.7	44
28	The impact of non-ideal magnetohydrodynamics on binary star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1788-1804.	4.4	33
29	Erratum and Addendum: Smoothed particle magnetohydrodynamic simulations of protostellar outflows with misaligned magnetic field and rotation axes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2499-2501.	4.4	1
30	Planet Formation Imager (PFI): science vision and key requirements. , 2016, , .		7
31	Constrained hyperbolic divergence cleaning in smoothed particle magnetohydrodynamics with variable cleaning speeds. <i>Journal of Computational Physics</i> , 2016, 322, 326-344.	3.8	43
32	Magnetic field evolution and reversals in spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4482-4495.	4.4	18
33	Toroidal vortices as a solution to the dust migration problem. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 457, L54-L58.	3.3	14
34	Can non-ideal magnetohydrodynamics solve the magnetic braking catastrophe?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1037-1061.	4.4	115
35	THE SPATIAL STRUCTURE OF YOUNG STELLAR CLUSTERS. III. PHYSICAL PROPERTIES AND EVOLUTIONARY STATES. <i>Astrophysical Journal</i> , 2015, 812, 131.	4.5	36
36	The morphology of the Milky Way â€“ II. Reconstructing CO maps from disc galaxies with live stellar distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3911-3926.	4.4	42

#	ARTICLE	IF	CITATIONS
37	Toroidal vortices and the conglomeration of dust into rings in protoplanetary discs. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L78-L82.	3.3	38
38	Smoothed particle magnetohydrodynamic simulations of protostellar outflows with misaligned magnetic field and rotation axes. Monthly Notices of the Royal Astronomical Society, 2015, 451, 288-299.	4.4	32
39	Two-fluid dust and gas mixtures in smoothed particle hydrodynamics II: an improved semi-implicit approach. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4114-4119.	4.4	28
40	Combining radiative transfer and diffuse interstellar medium physics to model star formation. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2643-2667.	4.4	30
41	The statistical properties of stars and their dependence on metallicity: the effects of opacity. Monthly Notices of the Royal Astronomical Society, 2014, 442, 285-313.	4.4	82
42	Two-fluid dust and gas mixtures in smoothed particle hydrodynamics: a semi-implicit approach. Monthly Notices of the Royal Astronomical Society, 2014, 443, 927-945.	4.4	39
43	THE SPATIAL STRUCTURE OF YOUNG STELLAR CLUSTERS. I. SUBCLUSTERS. Astrophysical Journal, 2014, 787, 107.	4.5	114
44	The science case for the Planet Formation Imager (PFI). Proceedings of SPIE, 2014, , .	0.8	10
45	Collapse of a molecular cloud core to stellar densities: stellar-core and outflow formation in radiation magnetohydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2014, 437, 77-95.	4.4	103
46	Modelling Magnetised Protostellar Jets with SPH. Thirty Years of Astronomical Discovery With UKIRT, 2014, , 101-104.	0.3	0
47	OVERVIEW OF THE MASSIVE YOUNG STAR-FORMING COMPLEX STUDY IN INFRARED AND X-RAY (MYStIX) PROJECT. Astrophysical Journal, Supplement Series, 2013, 209, 26.	7.7	104
48	The growth and hydrodynamic collapse of a protoplanet envelope. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2597-2612.	4.4	64
49	On the convergence of the critical cooling time-scale for the fragmentation of self-gravitating discs. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2022-2046.	4.4	125
50	Stellar, brown dwarf and multiple star properties from a radiation hydrodynamical simulation of star cluster formation. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3115-3146.	4.4	442
51	Collimated jets from the first core. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 423, L45-L49.	3.3	65
52	On the accumulation of planetesimals near disc gaps created by protoplanets. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1450-1462.	4.4	81
53	Spatially resolved submillimeter imaging of the HR 8799 debris disk. Astronomy and Astrophysics, 2011, 531, L17.	5.1	23
54	On the fragmentation criteria of self-gravitating protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2011, 410, 559-572.	4.4	84

#	ARTICLE	IF	CITATIONS
55	The efficiency of star formation in clustered and distributed regions. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2339-2346.	4.4	99
56	Migration of protoplanets with surfaces through discs with steep temperature gradients. Monthly Notices of the Royal Astronomical Society, 2011, 415, 576-586.	4.4	32
57	Collapse of a molecular cloud core to stellar densities: the formation and evolution of pre-stellar discs. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2036-2056.	4.4	79
58	Non-convergence of the critical cooling time-scale for fragmentation of self-gravitating discs. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 411, L1-L5.	3.3	104
59	Dependence of star formation on initial conditions and molecular cloud structure. Proceedings of the International Astronomical Union, 2010, 6, 133-140.	0.0	0
60	Non-convergence of the critical cooling timescale for fragmentation of self-gravitating discs. Proceedings of the International Astronomical Union, 2010, 6, 438-440.	0.0	1
61	Magnetic fields and radiative feedback in the star formation process. , 2010, , .		0
62	Collapse of a molecular cloud core to stellar densities: the radiative impact of stellar core formation on the circumstellar disc. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 404, L79-L83.	3.3	60
63	Planet migration: self-gravitating radiation hydrodynamical models of protoplanets with surfaces. Monthly Notices of the Royal Astronomical Society, 2010, 408, 876-896.	4.4	48
64	Chaotic star formation and the alignment of stellar rotation with disc and planetary orbital axes. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1505-1513.	4.4	288
65	Three-dimensional molecular line transfer: a simulated star-forming region. Monthly Notices of the Royal Astronomical Society, 2010, 407, 986-1002.	4.4	33
66	Exploring the conditions required to form giant planets via gravitational instability in massive protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2279-2288.	4.4	84
67	Gas accretion by planetary cores. , 2009, , .		0
68	Self-gravitating disks with Radiative Transfer: Their role in Giant Planet Formation. , 2009, , .		0
69	Stellar, brown dwarf and multiple star properties from hydrodynamical simulations of star cluster formation. Monthly Notices of the Royal Astronomical Society, 2009, 392, 590-616.	4.4	359
70	Gas accretion on to planetary cores: three-dimensional self-gravitating radiation hydrodynamical calculations. Monthly Notices of the Royal Astronomical Society, 2009, 393, 49-64.	4.4	97
71	The dependence of star formation on initial conditions and molecular cloud structure. Monthly Notices of the Royal Astronomical Society, 2009, 397, 232-248.	4.4	81
72	Circumplanetary disc properties obtained from radiation hydrodynamical simulations of gas accretion by protoplanets. Monthly Notices of the Royal Astronomical Society, 2009, 397, 657-665.	4.4	126

#	ARTICLE	IF	CITATIONS
73	The importance of radiative feedback for the stellar initial mass function. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1363-1380.	4.4	226
74	Inefficient star formation: the combined effects of magnetic fields and radiative feedback. Monthly Notices of the Royal Astronomical Society, 2009, 398, 33-46.	4.4	108
75	Stellar and brown dwarf properties from numerical simulations. Proceedings of the International Astronomical Union, 2009, 5, 769-770.	0.0	0
76	Physics and modes of star cluster formation. Proceedings of the International Astronomical Union, 2009, 5, 29-34.	0.0	0
77	The effect of magnetic fields on star cluster formation. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1820-1834.	4.4	142
78	Gravitational fragmentation and the formation of brown dwarfs in stellar clusters. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1556-1562.	4.4	149
79	On the relative motions of dense cores and envelopes in star-forming molecular clouds. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1198-1206.	4.4	15
80	The impact of magnetic fields on single and binary star formation. Monthly Notices of the Royal Astronomical Society, 2007, 377, 77-90.	4.4	198
81	The effect of magnetic fields on the formation of circumstellar discs around young stars. Astrophysics and Space Science, 2007, 311, 75-80.	1.4	35
82	The thermodynamics of collapsing molecular cloud cores using smoothed particle hydrodynamics with radiative transfer. Monthly Notices of the Royal Astronomical Society, 2006, 367, 32-38.	4.4	153
83	The Jeans mass and the origin of the knee in the IMF. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1296-1300.	4.4	91
84	Star formation through gravitational collapse and competitive accretion. Monthly Notices of the Royal Astronomical Society, 2006, 370, 488-494.	4.4	321
85	Evolution of Giant Planets in Eccentric Disks. Astrophysical Journal, 2006, 652, 1698-1714.	4.5	126
86	The origin of the initial mass function and its dependence on the mean Jeans mass in molecular clouds. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1201-1221.	4.4	285
87	Photoionizing feedback in star cluster formation. Monthly Notices of the Royal Astronomical Society, 2005, 358, 291-304.	4.4	159
88	The dependence of protoplanet migration rates on co-orbital torques. Monthly Notices of the Royal Astronomical Society, 2005, 358, 316-332.	4.4	73
89	Star formation in unbound giant molecular clouds: the origin of OB associations?. Monthly Notices of the Royal Astronomical Society, 2005, 359, 809-818.	4.4	94
90	Binary systems and stellar mergers in massive star formation. Monthly Notices of the Royal Astronomical Society, 2005, 362, 915-920.	4.4	123

#	ARTICLE	IF	CITATIONS
91	The dependence of the initial mass function on metallicity and the opacity limit for fragmentation. Monthly Notices of the Royal Astronomical Society, 2005, 363, 363-378.	4.4	58
92	A faster algorithm for smoothed particle hydrodynamics with radiative transfer in the flux-limited diffusion approximation. Monthly Notices of the Royal Astronomical Society, 2005, 364, 1367-1377.	4.4	94
93	The Dependence of the IMF on Initial Conditions. , 2005, , 431-436.		1
94	The Formation of Binary and Multiple Stars in Clusters. International Astronomical Union Colloquium, 2004, 191, 175-183.	0.1	0
95	Theory of Young Clusters. Symposium - International Astronomical Union, 2004, 221, 257-264.	0.1	0
96	The dependence of the substellar initial mass function on the initial conditions for star formation. Monthly Notices of the Royal Astronomical Society, 2004, 347, 759-770.	4.4	60
97	Massive star formation: nurture, not nature. Monthly Notices of the Royal Astronomical Society, 2004, 349, 735-741.	4.4	303
98	On the properties of young multiple stars. Monthly Notices of the Royal Astronomical Society, 2004, 351, 617-629.	4.4	101
99	Synthetic infrared images and spectral energy distributions of a young low-mass stellar cluster. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1134-1150.	4.4	61
100	Smoothed particle hydrodynamics with radiative transfer in the flux-limited diffusion approximation. Monthly Notices of the Royal Astronomical Society, 2004, 353, 1078-1094.	4.4	70
101	From Molecular Cores to Stars and Brown Dwarfs. Astrophysics and Space Science, 2004, 292, 297-307.	1.4	2
102	From Molecular Cores to Stars and Brown Dwarfs. , 2004, , 211-221.		0
103	Astrometric signatures of self-gravitating protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2003, 338, 227-232.	4.4	41
104	The formation of a star cluster: predicting the properties of stars and brown dwarfs. Monthly Notices of the Royal Astronomical Society, 2003, 339, 577-599.	4.4	620
105	The effect of cooling on the global stability of self-gravitating protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1025-1030.	4.4	235
106	Hydrodynamical simulations of a cloud of interacting gas fragments. Monthly Notices of the Royal Astronomical Society, 2003, 340, 841-850.	4.4	10
107	Three-dimensional calculations of high- and low-mass planets embedded in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2003, 341, 213-229.	4.4	228
108	Accretion and dynamical interactions in small-Nstar-forming clusters:N= 5. Monthly Notices of the Royal Astronomical Society, 2003, 342, 926-938.	4.4	69

#	ARTICLE	IF	CITATIONS
109	The hierarchical formation of a stellar cluster. Monthly Notices of the Royal Astronomical Society, 2003, 343, 413-418.	4.4	343
110	Are there brown dwarfs in globular clusters?. Monthly Notices of the Royal Astronomical Society, 2003, 343, L53-L57.	4.4	5
111	Substellar companions and isolated planetary-mass objects from protostellar disc fragmentation. Monthly Notices of the Royal Astronomical Society, 2003, 346, L36-L40.	4.4	87
112	The Formation Mechanism and Resulting Properties of Brown Dwarfs. Symposium - International Astronomical Union, 2003, 211, 27-30.	0.1	1
113	High-resolution simulations of stellar collisions between equal-mass main-sequence stars in globular clusters. Monthly Notices of the Royal Astronomical Society, 2002, 332, 49-54.	4.4	44
114	The excitation, propagation and dissipation of waves in accretion discs: the non-linear axisymmetric case. Monthly Notices of the Royal Astronomical Society, 2002, 332, 575-600.	4.4	44
115	Dust dynamics in dense molecular cores. Monthly Notices of the Royal Astronomical Society, 2002, 333, 679-686.	4.4	12
116	The formation mechanism of brown dwarfs. Monthly Notices of the Royal Astronomical Society, 2002, 332, L65-L68.	4.4	324
117	The formation of close binary systems by dynamical interactions and orbital decay. Monthly Notices of the Royal Astronomical Society, 2002, 336, 705-713.	4.4	248
118	Accretion in stellar clusters and the collisional formation of massive stars. Monthly Notices of the Royal Astronomical Society, 2002, 336, 659-669.	4.4	163
119	Viscous effects on the interaction between the coplanar accretion disc and the neutron star in Be/X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2002, 337, 967-980.	4.4	142
120	The Formation of a Cluster of Stars and Brown Dwarfs in a Turbulent Molecular Cloud. Globular Clusters - Guides To Galaxies, 2002, , 138-145.	0.1	0
121	Accretion and the Properties of Protobinary Systems. Symposium - International Astronomical Union, 2001, 200, 429-438.	0.1	1
122	Binary formation in stellar clusters. Monthly Notices of the Royal Astronomical Society, 2001, 321, 585-592.	4.4	15
123	Competitive accretion in embedded stellar clusters. Monthly Notices of the Royal Astronomical Society, 2001, 323, 785-794.	4.4	456
124	Accretion in stellar clusters and the initial mass function. Monthly Notices of the Royal Astronomical Society, 2001, 324, 573-579.	4.4	193
125	Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems. Monthly Notices of the Royal Astronomical Society, 2000, 314, 33-53.	4.4	210
126	Observational implications of precessing protostellar discs and jets. Monthly Notices of the Royal Astronomical Society, 2000, 317, 773-781.	4.4	152

#	ARTICLE	IF	CITATIONS
127	Interpreting the mean surface density of companions in star-forming regions. Monthly Notices of the Royal Astronomical Society, 1998, 297, 1163-1181.	4.4	83
128	On the formation of massive stars. Monthly Notices of the Royal Astronomical Society, 1998, 298, 93-102.	4.4	483
129	Collapse of a Molecular Cloud Core to Stellar Densities: The First Three-dimensional Calculations. Astrophysical Journal, 1998, 508, L95-L98.	4.5	183
130	Fragmentation of Molecular Clouds: The Initial Phase of a Stellar Cluster. Astrophysical Journal, 1998, 501, L205-L208.	4.5	155
131	Protostellar fragmentation in a power-law density distribution. Monthly Notices of the Royal Astronomical Society, 1997, 289, 497-504.	4.4	100
132	Accretion and the stellar mass spectrum in small clusters. Monthly Notices of the Royal Astronomical Society, 1997, 285, 201-208.	4.4	285
133	Resolution requirements for smoothed particle hydrodynamics calculations with self-gravity. Monthly Notices of the Royal Astronomical Society, 1997, 288, 1060-1072.	4.4	455
134	Accretion during binary star formation – II. Gaseous accretion and disc formation. Monthly Notices of the Royal Astronomical Society, 1997, 285, 33-48.	4.4	247
135	The stability of accreting triples. Monthly Notices of the Royal Astronomical Society, 1997, 288, 1041-1048.	4.4	19
136	Disc formation in protobinary systems. AIP Conference Proceedings, 1997, , .	0.4	0
137	The Effects of Accretion during Binary Star Formation. Astrophysics and Space Science Library, 1997, , 153-164.	2.7	0
138	The Effect of Accretion on Young Hierarchical Triple Systems. Astrophysics and Space Science Library, 1997, , 145-151.	2.7	0
139	protostellar envelopes: a clue to the initial conditions of star formation. Monthly Notices of the Royal Astronomical Society, 1996, 279, 121-128.	4.4	14
140	Modelling accretion in protobinary systems. Monthly Notices of the Royal Astronomical Society, 1995, 277, 362-376.	4.4	696
141	Massive circumbinary discs and the formation of multiple systems. Monthly Notices of the Royal Astronomical Society, 1994, 269, L45-L48.	4.4	109
142	The formation of close binary systems. Monthly Notices of the Royal Astronomical Society, 1994, 271, 999-1004.	4.4	135
143	Deep inelastic scattering from non-topological solitons. Journal of Physics G: Nuclear and Particle Physics, 1992, 18, 1875-1888.	3.6	9
144	The Formation of a Cluster of Stars and Brown Dwarfs in a Turbulent Molecular Cloud. , 0, , 139-146.		0

#	ARTICLE	IF	CITATIONS
145	The brown dwarfâ€“planet relation. , 0, , 236-249.		0
146	Stellar encounters involving massive stars in young clusters. Monthly Notices of the Royal Astronomical Society, 0, 370, 2038-2046.	4.4	13
147	Simulations of the grand design galaxy M51: a case study for analysing tidally induced spiral structure. Monthly Notices of the Royal Astronomical Society, 0, 403, 625-645.	4.4	139
148	On the evolution of a star cluster and its multiple stellar systems following gas dispersal. Monthly Notices of the Royal Astronomical Society, 0, 404, 721-737.	4.4	152
149	The dependence of stellar properties on initial cloud density. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	7
150	Disc formation and fragmentation using radiative non-ideal magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	31