

Gavin A L Coleman

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,763
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	Dusty circumbinary discs: inner cavity structures and stopping locations of migrating planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2563-2580.	4.4	10
2	Dispersal of protoplanetary discs: how stellar properties and the local environment determine the pathway of evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2315-2332.	4.4	18
3	The growth and migration of massive planets under the influence of external photoevaporation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4287-4301.	4.4	12
4	<i>In situ</i> formation of hot Jupiters with companion super-Earths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2500-2516.	4.4	13
5	From dust to planets – I. Planetesimal and embryo formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3596-3614.	4.4	15
6	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 636, A119.	5.1	24
7	Peter Pan discs: finding Neverland’s parameters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L111-L115.	3.3	11
8	Pebbles versus planetesimals. <i>Astronomy and Astrophysics</i> , 2020, 640, A21.	5.1	25
9	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481.	12.6	27
10	RedDots: a temperate 1.5 Earth-mass planet candidate in a compact multiterrestrial planet system around GJ 1061. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 536-550.	4.4	34
11	Exploring the formation by core accretion and the luminosity evolution of directly imaged planets. <i>Astronomy and Astrophysics</i> , 2019, 624, A20.	5.1	32
12	Stability of the co-orbital resonance under dissipation. <i>Astronomy and Astrophysics</i> , 2019, 631, A6.	5.1	14
13	Pebbles versus planetesimals: the case of Trappist-1. <i>Astronomy and Astrophysics</i> , 2019, 631, A7.	5.1	44
14	A candidate super-Earth planet orbiting near the snow line of Barnard’s star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
15	In situ accretion of gaseous envelopes on to planetary cores embedded in evolving protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3206-3219.	4.4	29
16	A terrestrial planet candidate in a temperate orbit around Proxima Centauri. <i>Nature</i> , 2016, 536, 437-440.	27.8	1,083
17	Giant planet formation in radially structured protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2779-2795.	4.4	78
18	On the formation of compact planetary systems via concurrent core accretion and migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2480-2500.	4.4	80

#	ARTICLE	IF	CITATIONS
19	On the formation of planetary systems via oligarchic growth in thermally evolving viscous discs. Monthly Notices of the Royal Astronomical Society, 2014, 445, 479-499.	4.4	146
20	Planetary system formation in thermally evolving viscous protoplanetary discs. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130074.	3.4	2
21	Exploring plausible formation scenarios for the planet candidate orbiting Proxima Centauri. Monthly Notices of the Royal Astronomical Society, 0, , stx169.	4.4	7