Gavin A L Coleman

List of Publications by Year
in descending order

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	A terrestrial planet candidate in a temperate orbit around Proxima Centauri. Nature, 2016, 536, 437-440.	27.8	1,033
2	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
3	A candidate super-Earth planet orbiting near the snow line of Barnardâ€™s star. Nature, 2018, 563, 365-368.	27.8	109
4	On the formation of compact planetary systems via concurrent core accretion and migration. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2480-2500.	4.4	80
5	Giant planet formation in radially structured protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2779-2795.	4.4	78
6	Pebbles versus planetesimals: the case of Trappist-1. Astronomy and Astrophysics, 2019, 631, A7.	5.1	44
7	RedDots: a temperate 1.5 Earth-mass planet candidate in a compact multiterrestrial planet system around GJâ€‰1061. Monthly Notices of the Royal Astronomical Society, 2020, 493, 536-550.	4.4	34
8	Exploring the formation by core accretion and the luminosity evolution of directly imaged planets. Astronomy and Astrophysics, 2019, 624, A20.	5.1	32
9	In situ accretion of gaseous envelopes on to planetary cores embedded in evolving protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3206-3219.	4.4	29
10	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. Science, 2020, 368, 1477-1481.	12.6	27
11	Pebbles versus planetesimals. Astronomy and Astrophysics, 2020, 640, A21.	5.1	25
12	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 636, A119.	5.1	24
13	Dispersal of protoplanetary discs: how stellar properties and the local environment determine the pathway of evolution. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2315-2332.	4.4	18
14	From dust to planets â€“ I. Planetesimal and embryo formation. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3596-3614.	4.4	15
15	Stability of the co-orbital resonance under dissipation. Astronomy and Astrophysics, 2019, 631, A6.	5.1	14
16	In situ formation of hot Jupiters with companion super-Earths. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2500-2516.	4.4	13
17	The growth and migration of massive planets under the influence of external photoevaporation. Monthly Notices of the Royal Astronomical Society, 2022, 515, 4287-4301.	4.4	12
18	Peter Pan discs: finding Neverlandâ€™s parameters. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L111-L115.	3.3	11

#	Article	IF	Citations
19	Dusty circumbinary discs: inner cavity structures and stopping locations of migrating planets. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2563-2580.	4.4	10
20	Exploring plausible formation scenarios for the planet candidate orbiting Proxima Centauri. Monthly Notices of the Royal Astronomical Society, 0, , stx169.	4.4	7
21	Planetary system formation in thermally evolving viscous protoplanetary discs. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130074.	3.4	2