

Florent Renaud

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,656
citations

279701

23
h-index

302012

39
g-index

39
all docs

39
docs citations

39
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	From giant clumps to clouds â€” II. The emergence of thick disc kinematics from the conditions of star formation in high redshift gas rich galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3806-3814.	1.6	11
2	EDGE: The sensitivity of ultra-faint dwarfs to a metallicity-dependent initial mass function. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2326-2334.	1.6	10
3	From giant clumps to clouds â€” III. The connection between star formation and turbulence in the ISM. Monthly Notices of the Royal Astronomical Society, 2022, 514, 480-496.	1.6	13
4	Runaway stars masquerading as star formation in galactic outskirts. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 502, L29-L34.	1.2	8
5	VINTERGATAN III: how to reset the metallicity of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5868-5876.	1.6	28
6	VINTERGATAN â€” I. The origins of chemically, kinematically, and structurally distinct discs in a simulated Milky Way-mass galaxy. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5826-5845.	1.6	75
7	VINTERGATAN â€” II. The history of the Milky Way told by its mergers. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5846-5867.	1.6	41
8	Charting the Galactic Acceleration Field. I. A Search for Stellar Streams with Gaia DR2 and EDR3 with Follow-up from ESPaDOnS and UVES. Astrophysical Journal, 2021, 914, 123.	1.6	80
9	From giant clumps to clouds â€” I. The impact of gas fraction evolution on the stability of galactic discs. Monthly Notices of the Royal Astronomical Society, 2021, 508, 352-370.	1.6	15
10	How runaway stars boost galactic outflows. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3328-3341.	1.6	25
11	From lenticulars to blue compact dwarfs: the stellar mass fraction is regulated by disc gravitational instability. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5656-5664.	1.6	20
12	The nature of strong H&#i% absorbers probed by cosmological simulations: satellite accretion and outflows. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3634-3645.	1.6	23
13	On the observed diversity of star formation efficiencies in Giant Molecular Clouds. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5482-5491.	1.6	30
14	Three regimes of CO emission in galaxy mergers. Astronomy and Astrophysics, 2019, 621, A104.	2.1	13
15	Supernovae feedback propagation: the role of turbulence. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3887-3894.	1.6	19
16	3 things they donâ€™t tell you about star clusters. Proceedings of the International Astronomical Union, 2019, 14, 40-46.	0.0	6
17	Massive star cluster formation and evolution in tidal dwarf galaxies. Astronomy and Astrophysics, 2019, 628, A60.	2.1	20
18	Star clusters in evolving galaxies. New Astronomy Reviews, 2018, 81, 1-38.	5.2	41

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19	Physical properties and scaling relations of molecular clouds: the effect of stellar feedback. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3167-3180.	1.6	35
20	Revisiting Stephan's Quintet with deep optical images. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 475, L40-L44.	1.2	20
21	Two Orders of Magnitude Variation in the Star Formation Efficiency across the Premerger Galaxy NGC 2276. Astrophysical Journal Letters, 2018, 869, L38.	3.0	16
22	The impact of radiation feedback on the assembly of star clusters in a galactic context. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5001-5010.	1.6	3
23	The impact of stellar feedback on the density and velocity structure of the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1093-1110.	1.6	57
24	The origin of the Milky Way globular clusters. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3622-3636.	1.6	85
25	New insights on the formation of nuclear star clusters. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3620-3629.	1.6	49
26	If it does not kill them, it makes them stronger: collisional evolution of star clusters with tidal shocks. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 463, L103-L107.	1.2	52
27	The effect of secular galactic growth on the evolution of star clusters. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2734-2740.	1.6	14
28	A flexible method to evolve collisional systems and their tidal debris in external potentials. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3416-3422.	1.6	23
29	A parsec-resolution simulation of the Antennae galaxies: formation of star clusters during the merger. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2038-2054.	1.6	111
30	The inefficiency of satellite accretion in forming extended star clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 447, L40-L44.	1.2	24
31	THE LONG LIVES OF GIANT CLUMPS AND THE BIRTH OF OUTFLOWS IN GAS-RICH GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 780, 57.	1.6	161
32	The interplay between a galactic bar and a supermassive black hole: nuclear fuelling in a subparsec resolution galaxy simulation. Monthly Notices of the Royal Astronomical Society, 2014, 446, 2468-2482.	1.6	101
33	Starbursts triggered by intergalactic tides and interstellar compressive turbulence. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 442, L33-L37.	1.2	117
34	The role of galaxy mergers on the evolution of star clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 431, L83-L87.	1.2	36
35	Tides in Colliding Galaxies. Lecture Notes in Physics, 2013, , 327-369.	0.3	35
36	STAR FORMATION LAWS AND THRESHOLDS FROM INTERSTELLAR MEDIUM STRUCTURE AND TURBULENCE. Astrophysical Journal Letters, 2012, 760, L16.	3.0	58

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37	Models of Stephan's Quintet: hydrodynamic constraints on the group's evolution. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1780-1794.	1.6	20
38	Evolution of star clusters in arbitrary tidal fields. Monthly Notices of the Royal Astronomical Society, 2011, 418, 759-769.	1.6	97
39	ONE MOMENT IN TIME MODELING STAR FORMATION IN THE ANTENNAE. Astrophysical Journal Letters, 2010, 715, L88-L93.	3.0	64