

Samantha Benincasa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9492200/publications.pdf>

Version: 2024-02-01

18
papers

805
citations

686830

13
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	PHANGSâ€“ALMA: Arcsecond CO(2â€“1) Imaging of Nearby Star-forming Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 43.	3.0	161
2	A superbubble feedback model for galaxy simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3013-3025.	1.6	154
3	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. <i>Astrophysical Journal</i> , 2016, 833, 202.	1.6	88
4	A profile in FIRE: resolving the radial distributions of satellite galaxies in the Local Group with simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1471-1490.	1.6	77
5	The formation times and building blocks of Milky Way-mass galaxies in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 747-764.	1.6	47
6	Live fast, die young: GMC lifetimes in the FIRE cosmological simulations of Milky Way mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3993-3999.	1.6	37
7	Evolution of giant molecular clouds across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 488-502.	1.6	36
8	The anatomy of a star-forming galaxy: pressure-driven regulation of star formation in simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3053-3068.	1.6	35
9	Star formation and ISM morphology in tidally induced spiral structures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4189-4204.	1.6	33
10	Molecular Cloud Populations in the Context of Their Host Galaxy Environments: A Multiwavelength Perspective. <i>Astronomical Journal</i> , 2022, 164, 43.	1.9	31
11	GIANT MOLECULAR CLOUD FORMATION IN DISK GALAXIES: CHARACTERIZING SIMULATED VERSUS OBSERVED CLOUD CATALOGS. <i>Astrophysical Journal</i> , 2013, 776, 23.	1.6	28
12	What is a GMC? Are observers and simulators discussing the same star-forming clouds?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3083-3100.	1.6	20
13	Effects of galactic disc inclination and resolution on observed GMC properties and Larson's scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2443-2453.	1.6	13
14	The properties of bound and unbound molecular cloud populations formed in galactic disc simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 920-929.	1.6	13
15	Reproducing the CO-to-H2 conversion factor in cosmological simulations of Milky-Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 837-850.	1.6	11
16	Fiery Cores: Bursty and Smooth Star Formation Distributions across Galaxy Centers in Cosmological Zoom-in Simulations. <i>Astrophysical Journal Letters</i> , 2021, 908, L31.	3.0	9
17	A Tale of Two Clump Masses: A new way to study clump formation in simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	6
18	The anatomy of a star-forming galaxy II: FUV heating via dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2028-2041.	1.6	6