

Aaron Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3754816/publications.pdf>

Version: 2024-02-01

20
papers

588
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

643
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>thesan</i> project: properties of the intergalactic medium and its connection to reionization-era galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4909-4933.	4.4	44
2	The <i>thesan</i> project: Lyman- $\hat{\pm}$ emission and transmission during the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3243-3265.	4.4	36
3	H $\hat{\pm}$ emission in local galaxies: star formation, time variability, and the diffuse ionized gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2904-2929.	4.4	29
4	Introducing the <i>thesan</i> project: radiation-magnetohydrodynamic simulations of the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4005-4030.	4.4	88
5	The <i>thesan</i> project: predictions for multitracer line intensity mapping in the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3857-3878.	4.4	31
6	The Origin and Evolution of Ly $\hat{\pm}$ Blobs in Cosmological Galaxy Formation Simulations. <i>Astrophysical Journal</i> , 2021, 909, 119.	4.5	9
7	Resonant-line radiative transfer within power-law density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3925-3942.	4.4	8
8	Dynamics of Lyman- $\hat{\pm}$ blobs. <i>Nature Astronomy</i> , 2020, 4, 648-649.	10.1	1
9	Constraining the Infalling Envelope Models of Embedded Protostars: BHR 71 and Its Hot Corino. <i>Astrophysical Journal</i> , 2020, 891, 61.	4.5	23
10	AREPO-MCRT: Monte Carlo Radiation Hydrodynamics on a Moving Mesh. <i>Astrophysical Journal</i> , 2020, 905, 27.	4.5	12
11	Supermassive black holes in the early universe. <i>Contemporary Physics</i> , 2019, 60, 111-126.	1.8	27
12	The physics of Lyman $\hat{\pm}$ escape from high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 39-59.	4.4	76
13	Direct Infall Signatures and Complex Organic Molecules toward an Isolated Embedded Protostar BHR 71. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 312-313.	0.0	0
14	Discrete diffusion Lyman $\hat{\pm}$ radiative transfer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2065-2078.	4.4	13
15	Radiative effects during the assembly of direct collapse black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 205-216.	4.4	21
16	The first supermassive black holes. <i>Astronomy and Geophysics</i> , 2017, 58, 3.22-3.26.	0.2	25
17	Lyman $\hat{\pm}$ radiation hydrodynamics of galactic winds before cosmic reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2963-2978.	4.4	36
18	Evidence for a direct collapse black hole in the Lyman $\hat{\pm}$ source CR7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3143-3151.	4.4	41

#	ARTICLE	IF	CITATIONS
19	The Lyman \hat{I}_{\pm} signature of the first galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4336-4362.	4.4	56
20	Impact of assuming flatness in the determination of neutrino properties from cosmological data. Physical Review D, 2012, 85, .	4.7	12