

Gerrit Schellenberger

List of Publications by Year in descending order

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26
papers

884
citations

623734

14
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1270
citing authors

#	ARTICLE	IF	CITATIONS
1	The Unusually Weak and Exceptionally Steep Radio Relic in A2108. <i>Astrophysical Journal</i> , 2022, 925, 91.	4.5	9
2	The contribution of non-central radio galaxies to AGN feedback in rich galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3273-3288.	4.4	4
3	Molecular gas along the old radio jets of the cluster-central type $\hat{A}2$ quasar IRAS $\hat{A}09104+4109$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3796-3811.	4.4	9
4	Cosmological implications of the anisotropy of ten galaxy cluster scaling relations. <i>Astronomy and Astrophysics</i> , 2021, 649, A151.	5.1	60
5	The Cluster HEritage project with <i>XMM-Newton</i> : Mass Assembly and Thermodynamics at the Endpoint of structure formation. <i>Astronomy and Astrophysics</i> , 2021, 650, A104.	5.1	36
6	The thermalization of massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5214-5223.	4.4	9
7	A New Feedback Cycle in the Archetypal Cooling Flow Group NGC 5044. <i>Astrophysical Journal</i> , 2021, 906, 16.	4.5	10
8	X-Ray Scaling Relations for a Representative Sample of Planck-selected Clusters Observed with <i>XMM-Newton</i> . <i>Astrophysical Journal</i> , 2020, 892, 102.	4.5	41
9	Probing cosmic isotropy with a new X-ray galaxy cluster sample through the $L_X \hat{A} T$ scaling relation. <i>Astronomy and Astrophysics</i> , 2020, 636, A15.	5.1	107
10	Comparing different mass estimators for a large subsample of the <i>Planck</i> -ESZ clusters. <i>Astronomy and Astrophysics</i> , 2020, 644, A78.	5.1	15
11	Atacama Compact Array Measurements of the Molecular Mass in the NGC 5044 Cooling-flow Group. <i>Astrophysical Journal</i> , 2020, 894, 72.	4.5	14
12	Projection effects in galaxy cluster samples: insights from X-ray redshifts. <i>Astronomy and Astrophysics</i> , 2019, 626, A48.	5.1	11
13	Forming One of the Most Massive Objects in the Universe: The Quadruple Merger in Abell 1758. <i>Astrophysical Journal</i> , 2019, 882, 59.	4.5	10
14	Building a cluster: shocks, cavities, and cooling filaments in the group \hat{A} group merger NGC 6338. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2925-2946.	4.4	13
15	Cold gas in a complete sample of group-dominant early-type galaxies. <i>Astronomy and Astrophysics</i> , 2018, 618, A126.	5.1	31
16	NGC $\hat{A}741 \hat{A}$ Mergers and AGN Feedback on a Galaxy-group Scale. <i>Astrophysical Journal</i> , 2017, 845, 84.	4.5	18
17	HICOSMO \hat{A} cosmology with a complete sample of galaxy clusters \hat{A} I. Data analysis, sample selection and luminosity \hat{A} mass scaling relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3738-3761.	4.4	40
18	CHEERS: The chemical evolution RGS sample. <i>Astronomy and Astrophysics</i> , 2017, 607, A98.	5.1	39

#	ARTICLE	IF	CITATIONS
19	HICOSMO: cosmology with a complete sample of galaxy clusters – II. Cosmological results. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1370-1389.	4.4	35
20	Investigating the cores of fossil systems with <i>Chandra</i> . Astronomy and Astrophysics, 2016, 585, A125.	5.1	13
21	Scaling properties of a complete X-ray selected galaxy group sample. Astronomy and Astrophysics, 2015, 573, A118.	5.1	167
22	<i>XMM-Newton</i> and <i>Chandra</i> cross-calibration using HIFLUGCS galaxy clusters. Astronomy and Astrophysics, 2015, 575, A30.	5.1	128
23	A metal-rich elongated structure in the core of the group NGC 4325. Astronomy and Astrophysics, 2015, 573, A66.	5.1	7
24	Reconciling Planck cluster counts and cosmology? <i>Chandra/XMM</i> instrumental calibration and hydrostatic mass bias. Monthly Notices of the Royal Astronomical Society, 2015, 448, 814-821.	4.4	22
25	The long X-ray tail in Zwicky 8338. Astronomy and Astrophysics, 2015, 583, L2.	5.1	12
26	Intracluster medium cooling, AGN feedback, and brightest cluster galaxy properties of galaxy groups. Astronomy and Astrophysics, 2014, 572, A46.	5.1	24