

Gerrit Schellenberger

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

884
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623734

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26
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26
times ranked

1270
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Scaling properties of a complete X-ray selected galaxy group sample. <i>Astronomy and Astrophysics</i> , 2015, 573, A118. | 5.1 | 167 |
| 2 | <i>XMM-Newton</i> and <i>Chandra</i> cross-calibration using HIFLUGCS galaxy clusters. <i>Astronomy and Astrophysics</i> , 2015, 575, A30. | 5.1 | 128 |
| 3 | Probing cosmic isotropy with a new X-ray galaxy cluster sample through the <i>L</i> _Xâ€“ <i>T</i> scaling relation. <i>Astronomy and Astrophysics</i> , 2020, 636, A15. | 5.1 | 107 |
| 4 | Cosmological implications of the anisotropy of ten galaxy cluster scaling relations. <i>Astronomy and Astrophysics</i> , 2021, 649, A151. | 5.1 | 60 |
| 5 | X-Ray Scaling Relations for a Representative Sample of Planck-selected Clusters Observed with XMM-Newton. <i>Astrophysical Journal</i> , 2020, 892, 102. | 4.5 | 41 |
| 6 | HICOSMO â€“ cosmology with a complete sample of galaxy clusters â€“ I. Data analysis, sample selection and luminosityâ€“mass scaling relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3738-3761. | 4.4 | 40 |
| 7 | CHEERS: The chemical evolution RGS sample. <i>Astronomy and Astrophysics</i> , 2017, 607, A98. | 5.1 | 39 |
| 8 | 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 |
| 9 | HICOSMO: cosmology with a complete sample of galaxy clusters â€“ II. Cosmological results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1370-1389. | 4.4 | 35 |
| 10 | Cold gas in a complete sample of group-dominant early-type galaxies. <i>Astronomy and Astrophysics</i> , 2018, 618, A126. | 5.1 | 31 |
| 11 | Intracluster medium cooling, AGN feedback, and brightest cluster galaxy properties of galaxy groups. <i>Astronomy and Astrophysics</i> , 2014, 572, A46. | 5.1 | 24 |
| 12 | Reconciling Planck cluster counts and cosmology? Chandra/XMM instrumental calibration and hydrostatic mass bias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 814-821. | 4.4 | 22 |
| 13 | NGC 741â€™ Mergers and AGN Feedback on a Galaxy-group Scale. <i>Astrophysical Journal</i> , 2017, 845, 84. | 4.5 | 18 |
| 14 | 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 |
| 15 | 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 |
| 16 | Investigating the cores of fossil systems with <i>Chandra</i>. <i>Astronomy and Astrophysics</i> , 2016, 585, A125. | 5.1 | 13 |
| 17 | Building a cluster: shocks, cavities, and cooling filaments in the groupâ€™group merger NGC 6338. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2925-2946. | 4.4 | 13 |
| 18 | The long X-ray tail in Zwicky 8338. <i>Astronomy and Astrophysics</i> , 2015, 583, L2. | 5.1 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Projection effects in galaxy cluster samples: insights from X-ray redshifts. <i>Astronomy and Astrophysics</i> , 2019, 626, A48. | 5.1 | 11 |
| 20 | 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 |
| 21 | A New Feedback Cycle in the Archetypal Cooling Flow Group NGC 5044. <i>Astrophysical Journal</i> , 2021, 906, 16. | 4.5 | 10 |
| 22 | 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 |
| 23 | The thermalization of massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5214-5223. | 4.4 | 9 |
| 24 | The Unusually Weak and Exceptionally Steep Radio Relic in A2108. <i>Astrophysical Journal</i> , 2022, 925, 91. | 4.5 | 9 |
| 25 | A metal-rich elongated structure in the core of the group NGC 4325. <i>Astronomy and Astrophysics</i> , 2015, 573, A66. | 5.1 | 7 |
| 26 | 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 |