

Tatiana F Lagana

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

581
citations

567281

15
h-index

610901

24
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31
all docs

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docs citations

31
times ranked

960
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Simulating nearly edge-on sloshing in the galaxy cluster Abell 2199. Monthly Notices of the Royal Astronomical Society, 2022, 515, 581-593. | 4.4 | 1 |
| 2 | Investigating the projected phase space of Gaussian and non-Gaussian clusters. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3065-3080. | 4.4 | 9 |
| 3 | Substructure analysis of the RXCJ0232.2â€“4420 galaxy cluster. Monthly Notices of the Royal Astronomical Society, 2021, 504, 610-620. | 4.4 | 2 |
| 4 | NGC 4104: A shell galaxy in a forming fossil group. Astronomy and Astrophysics, 2020, 641, A95. | 5.1 | 2 |
| 5 | The dynamical state of Abell 2399: a bullet-like cluster. Monthly Notices of the Royal Astronomical Society, 2020, 498, 835-849. | 4.4 | 9 |
| 6 | Simulations of gas sloshing induced by a newly discovered gas poor substructure in galaxy cluster Abell 1644. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2022-2034. | 4.4 | 10 |
| 7 | Two merging galaxy clusters with very hot shock fronts observed shortly before pericentric passage. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3922-3934. | 4.4 | 3 |
| 8 | Physical properties of the X-ray gas as a dynamical diagnosis for galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2807-2830. | 4.4 | 20 |
| 9 | Optical substructure and BCG offsets of Sunyaevâ€“Zelâ€™dovich and X-ray-selected galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 478, 5473-5490. | 4.4 | 39 |
| 10 | Star-formation rates of cluster galaxies: nature versus nurture. Monthly Notices of the Royal Astronomical Society, 2018, 475, 523-531. | 4.4 | 11 |
| 11 | Weak lensing and spectroscopic analysis of the nearby dissociative merging galaxy cluster Abell 3376. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4566-4578. | 4.4 | 21 |
| 12 | STAR FORMATION ACTIVITY IN A YOUNG GALAXY CLUSTER AT $Z = 0.866$. Astrophysical Journal, 2016, 825, 108. | 4.5 | 2 |
| 13 | A metal-rich elongated structure in the core of the group NGC 4325. Astronomy and Astrophysics, 2015, 573, A66. | 5.1 | 7 |
| 14 | Red sequence of Abell X-ray underluminous clusters. Monthly Notices of the Royal Astronomical Society, 2014, 441, 776-783. | 4.4 | 4 |
| 15 | A comprehensive picture of baryons in groups and clusters of galaxies. Astronomy and Astrophysics, 2013, 555, A66. | 5.1 | 60 |
| 16 | A NEW METHOD TO QUANTIFY X-RAY SUBSTRUCTURES IN CLUSTERS OF GALAXIES. Astrophysical Journal, 2012, 746, 139. | 4.5 | 25 |
| 17 | Star-formation efficiency and metal enrichment of the intracluster medium in local massive clusters of galaxies (Corrigendum). Astronomy and Astrophysics, 2012, 544, C3. | 5.1 | 4 |
| 18 | XMM-NEWTON/SLOAN DIGITAL SKY SURVEY: STAR FORMATION EFFICIENCY IN GALAXY CLUSTERS AND CONSTRAINTS ON THE MATTER-DENSITY PARAMETER. Astrophysical Journal, 2011, 743, 13. | 4.5 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The merging cluster Abell 1758 revisited: multi-wavelength observations and numerical simulations. <i>Astronomy and Astrophysics</i> , 2011, 529, A38. | 5.1 | 31 |
| 20 | Star-formation efficiency and metal enrichment of the intracluster medium in local massive clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2011, 535, A78. | 5.1 | 37 |
| 21 | Environmental Effects on Galaxy Luminosity Functions in Clusters. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 9-12. | 0.0 | 0 |
| 22 | The clusters Abell 222 and Abell 223: a multi-wavelength view. <i>Astronomy and Astrophysics</i> , 2010, 517, A94. | 5.1 | 19 |
| 23 | Spiral-like structure at the centre of nearby clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2010, 511, A15. | 5.1 | 41 |
| 24 | A new method to quantify X-ray substructure in clusters of galaxies. , 2010, , . | | 0 |
| 25 | Spiral-like structure in the core of nearby galaxy clusters. , 2010, , . | | 0 |
| 26 | On the influence of non-thermal pressure on the mass determination of galaxy clusters. <i>Astronomy and Astrophysics</i> , 2010, 510, A76. | 5.1 | 34 |
| 27 | The optical/X-ray connection: intra-cluster medium iron content and galaxy optical luminosity in 20 galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 357-366. | 4.4 | 7 |
| 28 | Star formation efficiency in galaxy clusters. <i>Astronomy and Astrophysics</i> , 2008, 485, 633-644. | 5.1 | 46 |
| 29 | Kinematics and stellar populations of low-luminosity early-type galaxies in the Abell 496 cluster. <i>Astronomy and Astrophysics</i> , 2008, 486, 85-97. | 5.1 | 51 |
| 30 | Discovery of a new M 32-like "Compact Elliptical" galaxy in the halo of the Abell 496 cD galaxy. <i>Astronomy and Astrophysics</i> , 2007, 466, L21-L24. | 5.1 | 31 |
| 31 | Diffuse Component Spectra of Solar Active Regions at Submillimeter Wavelengths. <i>Solar Physics</i> , 2005, 227, 265-281. | 2.5 | 16 |