

Tatiana F Lagana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3103302/publications.pdf>

Version: 2024-02-01

31
papers

581
citations

567281

15
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive picture of baryons in groups and clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2013, 555, A66.	5.1	60
2	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
3	Star formation efficiency in galaxy clusters. <i>Astronomy and Astrophysics</i> , 2008, 485, 633-644.	5.1	46
4	Spiral-like structure at the centre of nearby clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2010, 511, A15.	5.1	41
5	XMM-NEWTON/SLOAN DIGITAL SKY SURVEY: STAR FORMATION EFFICIENCY IN GALAXY CLUSTERS AND CONSTRAINTS ON THE MATTER-DENSITY PARAMETER. <i>Astrophysical Journal</i> , 2011, 743, 13.	4.5	39
6	Optical substructure and BCG offsets of Sunyaev-Zeldovich and X-ray-selected galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5473-5490.	4.4	39
7	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
8	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
9	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
10	The merging cluster Abell 1758 revisited: multi-wavelength observations and numerical simulations. <i>Astronomy and Astrophysics</i> , 2011, 529, A38.	5.1	31
11	A NEW METHOD TO QUANTIFY X-RAY SUBSTRUCTURES IN CLUSTERS OF GALAXIES. <i>Astrophysical Journal</i> , 2012, 746, 139.	4.5	25
12	Weak lensing and spectroscopic analysis of the nearby dissociative merging galaxy cluster Abell 3376. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4566-4578.	4.4	21
13	Physical properties of the X-ray gas as a dynamical diagnosis for galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2807-2830.	4.4	20
14	The clusters Abell 222 and Abell 223: a multi-wavelength view. <i>Astronomy and Astrophysics</i> , 2010, 517, A94.	5.1	19
15	Diffuse Component Spectra of Solar Active Regions at Submillimeter Wavelengths. <i>Solar Physics</i> , 2005, 227, 265-281.	2.5	16
16	Star-formation rates of cluster galaxies: nature versus nurture. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 523-531.	4.4	11
17	Simulations of gas sloshing induced by a newly discovered gas poor substructure in galaxy cluster Abell 1644. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2022-2034.	4.4	10
18	The dynamical state of Abell 2399: a bullet-like cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 835-849.	4.4	9

#	ARTICLE	IF	CITATIONS
19	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
20	The optical/X-ray connection: intra-cluster medium iron content and galaxy optical luminosity in 20 galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2009, 394, 357-366.	4.4	7
21	A metal-rich elongated structure in the core of the group NGC 4325. Astronomy and Astrophysics, 2015, 573, A66.	5.1	7
22	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
23	Red sequence of Abell X-ray underluminous clusters. Monthly Notices of the Royal Astronomical Society, 2014, 441, 776-783.	4.4	4
24	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
25	NGC 4104: A shell galaxy in a forming fossil group. Astronomy and Astrophysics, 2020, 641, A95.	5.1	2
26	Substructure analysis of the RXCJ0232.2+4420 galaxy cluster. Monthly Notices of the Royal Astronomical Society, 2021, 504, 610-620.	4.4	2
27	STAR FORMATION ACTIVITY IN A YOUNG GALAXY CLUSTER AT $Z = 0.866$. Astrophysical Journal, 2016, 825, 108.	4.5	2
28	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
29	Environmental Effects on Galaxy Luminosity Functions in Clusters. Proceedings of the International Astronomical Union, 2010, 6, 9-12.	0.0	0
30	A new method to quantify X-ray substructure in clusters of galaxies. , 2010, , .		0
31	Spiral-like structure in the core of nearby galaxy clusters. , 2010, , .		0