

Laurent Chemin

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,367
citations

471061

17
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

1896
citing authors

#	ARTICLE	IF	CITATIONS
1	H I KINEMATICS AND DYNAMICS OF MESSIER 31. <i>Astrophysical Journal</i> , 2009, 705, 1395-1415.	1.6	159
2	The PASTEL catalogue: 2016 version. <i>Astronomy and Astrophysics</i> , 2016, 591, A118.	2.1	147
3	GHASP: an H I kinematic survey of spiral and irregular galaxies – VI. New H I data cubes for 108 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 500-550.	1.6	135
4	The Extended H I Rotation Curve and Mass Distribution of M31. <i>Astrophysical Journal</i> , 2006, 641, L109-L112.	1.6	110
5	H I kinematics of the SINGS nearby galaxies survey – I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 469-512.	1.6	98
6	GALEX Observations of Low Surface Brightness Galaxies: UV Color and Star Formation Efficiency. <i>Astrophysical Journal</i> , 2008, 681, 244-257.	1.6	84
7	A Virgo high-resolution H I kinematical survey – II. The Atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 812-857.	1.6	75
8	IMPROVED MODELING OF THE MASS DISTRIBUTION OF DISK GALAXIES BY THE EINASTO HALO MODEL. <i>Astronomical Journal</i> , 2011, 142, 109.	1.9	74
9	H I kinematics of the Spitzer Infrared Nearby Galaxies Survey – II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 553-605.	1.6	66
10	Galactic spiral structure revealed by Gaia EDR3. <i>Astronomy and Astrophysics</i> , 2021, 651, A104.	2.1	62
11	On the Relevance of the Tremaine–Weinberg Method Applied to an H I Velocity Field: Pattern Speed Determination in M100 (NGC 4321). <i>Astrophysical Journal</i> , 2005, 632, 253-265.	1.6	52
12	Incorrect rotation curve of the Milky Way. <i>Astronomy and Astrophysics</i> , 2015, 578, A14.	2.1	51
13	BH I BAR: big H I kinematical sample of barred spiral galaxies - I. Fabry-Perot observations of 21 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 1201-1230.	1.6	48
14	Kinematics and mass modelling of M33: H I observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 4048-4070.	1.6	42
15	Improved 3D Fabry–Perot data reduction techniques*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1016-1024.	1.6	41
16	H I Kinematics and Mass Distribution of Messier 33. <i>Astronomical Journal</i> , 2017, 154, 41.	1.9	40
17	HiStudies of the Sculptor Group Galaxies. VIII. The Background Galaxies: NGC 24 and NGC 45. <i>Astronomical Journal</i> , 2006, 132, 2527-2538.	1.9	21
18	Asymmetric Drift in the Andromeda Galaxy (M31) as a Function of Stellar Age. <i>Astrophysical Journal</i> , 2019, 871, 11.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Asymmetric mass models of disk galaxies. <i>Astronomy and Astrophysics</i> , 2016, 588, A48.	2.1	14
20	Toward accurate radial velocities with the fiber-fed GIRAFFE multi-object VLT spectrograph. , 2002, , .		9
21	The Triangulum Extended (TREX) Survey: The Stellar Disk Dynamics of M33 as a Function of Stellar Age. <i>Astronomical Journal</i> , 2022, 163, 166.	1.9	7
22	WISDOM project â€“ XI. Star formation efficiency in the bulge of the AGN-host Galaxy NGCâ€“3169 with SITELLE and ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5035-5055.	1.6	7
23	Anisotropy of random motions of gas in Messier 33. <i>Astronomy and Astrophysics</i> , 2020, 639, A145.	2.1	5
24	A mass-velocity anisotropy relation in galactic stellar disks. <i>Astronomy and Astrophysics</i> , 2018, 618, A121.	2.1	3
25	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z > 0.5$. <i>Astrophysical Journal Letters</i> , 2022, 931, L7.	3.0	2
26	Structure and evolution of star-forming gas in late-type spiral galaxies. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, .	0.0	0
27	Compact elliptical galaxies â€“ compact bulges of stripped lenticulars/spirals?. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 75-76.	0.0	0