

Laurent Chemin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,101
citations

16
h-index

27
g-index

27
ext. papers

1,229
ext. citations

4.4
avg, IF

4.09
L-index

#	Paper	IF	Citations
25	H I KINEMATICS AND DYNAMICS OF MESSIER 31. <i>Astrophysical Journal</i> , 2009 , 705, 1395-1415	4.7	126
24	GHASP: an H α kinematic survey of spiral and irregular galaxies VI. New H α data cubes for 108 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 388, 500-550	4.3	116
23	The PASTEL catalogue: 2016 version. <i>Astronomy and Astrophysics</i> , 2016 , 591, A118	5.1	100
22	The Extended H i Rotation Curve and Mass Distribution of M31. <i>Astrophysical Journal</i> , 2006 , 641, L109-L112	4.7	94
21	H α kinematics of the SINGS nearby galaxies survey -- I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 367, 469-512	4.3	83
20	GALEX Observations of Low Surface Brightness Galaxies: UV Color and Star Formation Efficiency. <i>Astrophysical Journal</i> , 2008 , 681, 244-257	4.7	78
19	IMPROVED MODELING OF THE MASS DISTRIBUTION OF DISK GALAXIES BY THE EINASTO HALO MODEL. <i>Astronomical Journal</i> , 2011 , 142, 109	4.9	68
18	A Virgo high-resolution H α kinematical survey III. The Atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 366, 812-857	4.3	67
17	H α kinematics of the Spitzer Infrared Nearby Galaxies Survey III. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 385, 553-605	4.3	56
16	Incorrect rotation curve of the Milky Way. <i>Astronomy and Astrophysics</i> , 2015 , 578, A14	5.1	48
15	On the Relevance of the Tremaine-Weinberg Method Applied to an H α Velocity Field: Pattern Speed Determination in M100 (NGC 4321). <i>Astrophysical Journal</i> , 2005 , 632, 253-265	4.7	48
14	BH α BAR: big H α 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	4.3	43
13	Improved 3D Fabry-Perot data reduction techniques*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 368, 1016-1024	4.3	39
12	H i Kinematics and Mass Distribution of Messier 33. <i>Astronomical Journal</i> , 2017 , 154, 41	4.9	34
11	Kinematics and mass modelling of M33: H α observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 4048-4070	4.3	34
10	Hi Studies of the Sculptor Group Galaxies. VIII. The Background Galaxies: NGC 24 and NGC 45. <i>Astronomical Journal</i> , 2006 , 132, 2527-2538	4.9	20
9	Galactic spiral structure revealed by Gaia EDR3. <i>Astronomy and Astrophysics</i> , 2021 , 651, A104	5.1	13

8	Asymmetric mass models of disk galaxies. <i>Astronomy and Astrophysics</i> , 2016 , 588, A48	5.1	13
7	Asymmetric Drift in the Andromeda Galaxy (M31) as a Function of Stellar Age. <i>Astrophysical Journal</i> , 2019 , 871, 11	4.7	10
6	Toward accurate radial velocities with the fiber-fed GIRAFFE multi-object VLT spectrograph 2002 ,		6
5	A mass-velocity anisotropy relation in galactic stellar disks. <i>Astronomy and Astrophysics</i> , 2018 , 618, A121	5.1	2
4	Anisotropy of random motions of gas in Messier 33. <i>Astronomy and Astrophysics</i> , 2020 , 639, A145	5.1	2
3	The Triangulum Extended (TRES) Survey: The Stellar Disk Dynamics of M33 as a Function of Stellar Age. <i>Astronomical Journal</i> , 2022 , 163, 166	4.9	1
2	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	7.9	0
1	Compact elliptical galaxies [compact bulges of stripped lenticulars/spirals?]. <i>Proceedings of the International Astronomical Union</i> , 2007 , 3, 75-76	0.1	