

Thierry Lanz

List of Publications by Year in descending order

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29
papers

1,879
citations

394421

19
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	A Grid of Non-LTE Line-blanketed Model Atmospheres of O-Type Stars. <i>Astrophysical Journal, Supplement Series</i> , 2003, 146, 417-441.	7.7	550
2	A Grid of NLTE Line-blanketed Model Atmospheres of Early B-Type Stars. <i>Astrophysical Journal, Supplement Series</i> , 2007, 169, 83-104.	7.7	498
3	Flash Mixing on the White Dwarf Cooling Curve: Understanding Hot Horizontal Branch Anomalies in NGC 2808. <i>Astrophysical Journal</i> , 2001, 562, 368-393.	4.5	163
4	Neon Abundances in B Stars of the Orion Association: Solving the Solar Model Problem?. <i>Astrophysical Journal</i> , 2006, 647, L143-L146.	4.5	98
5	Fundamental Properties of O-Type Stars. <i>Astrophysical Journal</i> , 2006, 638, 409-432.	4.5	74
6	Flash Mixing on the White Dwarf Cooling Curve: Far Ultraviolet Spectroscopic Explorer Observations of Three He-rich sdB Stars. <i>Astrophysical Journal</i> , 2004, 602, 342-355.	4.5	65
7	Non-LTE Model Atmosphere Analysis of the Large Magellanic Cloud Supersoft X-Ray Source CAL 83. <i>Astrophysical Journal</i> , 2005, 619, 517-526.	4.5	45
8	Multidimensional Non-LTE Radiative Transfer. I. A Universal Two-dimensional Short-Characteristics Scheme for Cartesian, Spherical, and Cylindrical Coordinate Systems. <i>Astrophysical Journal</i> , 2002, 568, 1066-1094.	4.5	42
9	A Spectroscopic Analysis of Blue Stragglers, Horizontal Branch Stars, and Turnoff Stars in Four Globular Clusters. <i>Astrophysical Journal</i> , 2005, 632, 894-919.	4.5	42
10	THE BLUE HOOK POPULATIONS OF MASSIVE GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2010, 718, 1332-1344.	4.5	39
11	Argon Abundances in the Solar Neighborhood: Non-LTE Analysis of Orion Association B-Type Stars I. <i>Astrophysical Journal</i> , 2008, 678, 1342-1350.	4.5	31
12	Hubble Space Telescope Imaging Spectrograph Observations of the Hot White Dwarf in the Close Binary Feige 24. <i>Astrophysical Journal</i> , 2000, 544, 423-436.	4.5	25
13	Non-LTE Line-blanketed Model Atmospheres of Hot Stars. III. Hot Subdwarfs: The sdO Star BD +75o325. <i>Astrophysical Journal</i> , 1997, 485, 843-858.	4.5	24
14	Orbital Parameters and Chemical Composition of Four White Dwarfs in Post-Common Envelope Binaries. <i>Astrophysical Journal</i> , 2008, 675, 1518-1530.	4.5	23
15	FLASH MIXING ON THE WHITE DWARF COOLING CURVE: SPECTROSCOPIC CONFIRMATION IN NGC 2808. <i>Astrophysical Journal</i> , 2012, 748, 85.	4.5	22
16	First Evidence of Circumstellar Disks around Blue Straggler Stars. <i>Astrophysical Journal</i> , 2004, 606, L151-L154.	4.5	21
17	Experimental study of radiative shocks at PALS facility. <i>Laser and Particle Beams</i> , 2010, 28, 253-261.	1.0	21
18	Toward Resolving the "Mass Discrepancy" in O-Type Stars. <i>Astrophysical Journal</i> , 1996, 465, 359.	4.5	19

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19	A Comparative Study of the Atmospheric Composition of the DA White Dwarfs Feige 24 and G191â€2B. <i>Astrophysical Journal</i> , 2001, 553, 399-404.	4.5	19
20	THE DISCOVERY OF PULSATING HOT SUBDWARFS IN NGC 2808. <i>Astrophysical Journal Letters</i> , 2013, 777, L22.	8.3	16
21	Iron in Hot DA White Dwarfs. <i>Astrophysical Journal</i> , 2006, 652, 1554-1562.	4.5	12
22	Masses of the Planetary Nebula Central Stars in the Galactic Globular Cluster System from HST Imaging and Spectroscopy. <i>Astrophysical Journal</i> , 2017, 836, 93.	4.5	12
23	Modeling multidimensional effects in the propagation of radiative shocks. <i>Physics of Plasmas</i> , 2006, 13, 113301.	1.9	10
24	NLTE Line-Blanketed Model Stellar Atmospheres. <i>Symposium - International Astronomical Union</i> , 2003, 210, 67-79.	0.1	3
25	Effects of Rotation in Low-Metallicity Stars. <i>Symposium - International Astronomical Union</i> , 2004, 215, 220-221.	0.1	2
26	Radiative Shocks in the Context of Young Stellar Objects: A Combined Analysis from Experiments and Simulations. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2009, , 359-365.	0.3	2
27	Pulsed Thermal Emission from the Accreting Pulsar XMMU J054134.7â€682550. , 2009, , .		1
28	The Supersoft X-Ray Source CAL 83: A Massive White Dwarf. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
29	The Determination of the Abundances of the Fe Group Elements in Early B Stars from High Resolution FUV Spectra. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 213-214.	0.0	0