

Laura A Lopez

List of Publications by Year in descending order

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33
papers

1,385
citations

361413

20
h-index

414414

32
g-index

33
all docs

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docs citations

33
times ranked

1799
citing authors

#	ARTICLE	IF	CITATIONS
1	WHAT DRIVES THE EXPANSION OF GIANT H II REGIONS?: A STUDY OF STELLAR FEEDBACK IN 30 DORADUS. <i>Astrophysical Journal</i> , 2011, 731, 91.	4.5	167
2	PHANGSâ€“ALMA: Arcsecond CO(2â€“1) Imaging of Nearby Star-forming Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 43.	7.7	161
3	USING THE X-RAY MORPHOLOGY OF YOUNG SUPERNOVA REMNANTS TO CONSTRAIN EXPLOSION TYPE, EJECTA DISTRIBUTION, AND CHEMICAL MIXING. <i>Astrophysical Journal</i> , 2011, 732, 114.	4.5	124
4	THE ROLE OF STELLAR FEEDBACK IN THE DYNAMICS OF H II REGIONS. <i>Astrophysical Journal</i> , 2014, 795, 121.	4.5	109
5	THE DISTRIBUTION OF RADIOACTIVE ⁴⁴ Ti IN CASSIOPEIA A. <i>Astrophysical Journal</i> , 2017, 834, 19.	4.5	87
6	THE GALACTIC SUPERNOVA REMNANT W49B LIKELY ORIGINATES FROM A JET-DRIVEN, CORE-COLLAPSE EXPLOSION. <i>Astrophysical Journal</i> , 2013, 764, 50.	4.5	77
7	Gone with the wind: Where is the missing stellar wind energy from massive star clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2701-2716.	4.4	70
8	The PHANGS-HST Survey: Physics at High Angular Resolution in Nearby Galaxies with the Hubble Space Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 10.	7.7	58
9	Comparing Neutron Star Kicks to Supernova Remnant Asymmetries. <i>Astrophysical Journal</i> , 2017, 844, 84.	4.5	54
10	ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003. <i>Astrophysical Journal</i> , 2021, 910, 125.	4.5	45
11	A SPATIALLY RESOLVED STUDY OF THE SYNCHROTRON EMISSION AND TITANIUM IN TYCHOâ€™S SUPERNOVA REMNANT USING <i>NuSTAR</i> . <i>Astrophysical Journal</i> , 2015, 814, 132.	4.5	41
12	Evolution of Stellar Feedback in H ii Regions. <i>Astrophysical Journal</i> , 2021, 908, 68.	4.5	41
13	LOCATING THE MOST ENERGETIC ELECTRONS IN CASSIOPEIA A. <i>Astrophysical Journal</i> , 2015, 802, 15.	4.5	40
14	UNRAVELING THE ORIGIN OF OVERIONIZED PLASMA IN THE GALACTIC SUPERNOVA REMNANT W49B. <i>Astrophysical Journal</i> , 2013, 777, 145.	4.5	36
15	Temperature and Metallicity Gradients in the Hot Gas Outflows of M82. <i>Astrophysical Journal</i> , 2020, 904, 152.	4.5	35
16	THE MORPHOLOGY AND DYNAMICS OF JET-DRIVEN SUPERNOVA REMNANTS: THE CASE OF W49B. <i>Astrophysical Journal Letters</i> , 2014, 781, L26.	8.3	30
17	A Catalog of M-dwarf Flares with ASAS-SN. <i>Astrophysical Journal</i> , 2020, 892, 144.	4.5	29
18	Measurement of the Core-collapse Progenitor Mass Distribution of the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 871, 64.	4.5	22

#	ARTICLE	IF	CITATIONS
19	The Morphologies and Kinematics of Supernova Remnants. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	21
20	THE REFINED SHOCK VELOCITY OF THE X-RAY FILAMENTS IN THE RCW 86 NORTHEAST RIM. <i>Astrophysical Journal Letters</i> , 2016, 820, L3.	8.3	20
21	Evidence for Cosmic-Ray Escape in the Small Magellanic Cloud Using Fermi Gamma Rays. <i>Astrophysical Journal</i> , 2018, 867, 44.	4.5	20
22	CONSTRAINING EXPLOSION TYPE OF YOUNG SUPERNOVA REMNANTS USING 24 μ m EMISSION MORPHOLOGY. <i>Astrophysical Journal Letters</i> , 2013, 771, L38.	8.3	17
23	IDENTIFICATION OF A JET-DRIVEN SUPERNOVA REMNANT IN THE SMALL MAGELLANIC CLOUD: POSSIBLE EVIDENCE FOR THE ENHANCEMENT OF BIPOLAR EXPLOSIONS AT LOW METALLICITY. <i>Astrophysical Journal</i> , 2014, 788, 5.	4.5	17
24	Asymmetries of Heavy Elements in the Young Supernova Remnant Cassiopeia A. <i>Astrophysical Journal</i> , 2020, 889, 144.	4.5	12
25	ALMA Imaging of a Galactic Molecular Outflow in NGC 4945. <i>Astrophysical Journal</i> , 2021, 923, 83.	4.5	11
26	Evidence of Particle Acceleration in the Superbubble 30 Doradus C with NuSTAR. <i>Astrophysical Journal</i> , 2020, 893, 144.	4.5	10
27	The Age Evolution of the Radio Morphology of Supernova Remnants. <i>Astrophysical Journal</i> , 2019, 884, 113.	4.5	8
28	An XMM-Newton Study of the Mixed-morphology Supernova Remnant G346.6-0.2. <i>Astrophysical Journal</i> , 2017, 847, 121.	4.5	6
29	Element Stratification in the Middle-aged SN Ia Remnant G344.7 \pm 0.1. <i>Astrophysical Journal</i> , 2020, 897, 62.	4.5	5
30	Local Environments of Low-redshift Supernovae. <i>Astrophysical Journal</i> , 2021, 923, 86.	4.5	5
31	Spatially Resolved Study of Recombining Plasma in W49B Using XMM-Newton. <i>Astrophysical Journal</i> , 2020, 903, 108.	4.5	4
32	What Shapes Supernova Remnants?. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 239-244.	0.0	3
33	The Morphologies and Kinematics of Supernova Remnants. <i>Space Sciences Series of ISSI</i> , 2019, , 199-224.	0.0	0