

Ludmila Carone

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,510
citations

172457

29
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

1778
citing authors

#	ARTICLE	IF	CITATIONS
1	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2009, 506, 287-302.	5.1	460
2	THE MASS OF CoRoT-7b. <i>Astrophysical Journal</i> , 2011, 743, 75.	4.5	127
3	A transiting giant planet with a temperature between 250â€‰%K and 430â€‰%K. <i>Nature</i> , 2010, 464, 384-387.	27.8	111
4	The Transiting Exoplanet Community Early Release Science Program for <i>JWST</i>. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114402.	3.1	100
5	Transiting exoplanets from the<i>CoRoT</i>space mission. <i>Astronomy and Astrophysics</i> , 2011, 525, A68.	5.1	83
6	Connecting the dots â€“ II. Phase changes in the climate dynamics of tidally locked terrestrial exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2413-2438.	4.4	73
7	Stability of terrestrial planets in the habitable zone of Glâˆ777âˆ, HD 72659, Gl 614, 47 Uma and HD 4208. <i>Astronomy and Astrophysics</i> , 2004, 426, 353-365.	5.1	65
8	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A65.	5.1	62
9	Transiting exoplanets from the<i>CoRoT</i>space mission. <i>Astronomy and Astrophysics</i> , 2010, 524, A55.	5.1	59
10	Connecting the dots: a versatile model for the atmospheres of tidally locked Super-Earths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 930-945.	4.4	56
11	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A66.	5.1	55
12	Constraints on the tidal dissipation factor of a main sequence star: The case of OGLE-TR-56b. <i>Planetary and Space Science</i> , 2007, 55, 643-650.	1.7	54
13	Transiting exoplanets from the CoRoTâˆspace mission. <i>Astronomy and Astrophysics</i> , 2010, 512, A14.	5.1	53
14	Global Chemistry and Thermal Structure Models for the Hot Jupiter WASP-43b and Predictions for JWST. <i>Astrophysical Journal</i> , 2020, 890, 176.	4.5	53
15	The SARS algorithm: detrending <i>CoRoT</i> light curves with Sysrem using simultaneous external parameters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 404, L99-L103.	3.3	51
16	The needle in the haystack: searching for transiting extrasolar planets inâ€CoRoTâ€stellar light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1045-1052.	4.4	51
17	Stratosphere circulation on tidally locked ExoEarths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4672-4685.	4.4	51
18	Equatorial retrograde flow in WASP-43b elicited by deep wind jets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3582-3614.	4.4	50

#	ARTICLE	IF	CITATIONS
19	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2009, 506, 281-286.	5.1	48
20	Connecting the dots – III. Nightside cooling and surface friction affect climates of tidally locked terrestrial planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1981-2002.	4.4	48
21	Rate and nature of false positives in the CoRoT exoplanet search. <i>Astronomy and Astrophysics</i> , 2009, 506, 337-341.	5.1	44
22	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2011, 533, A130.	5.1	42
23	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2010, 522, A110.	5.1	41
24	PRE-DISCOVERY OBSERVATIONS OF CoRoT-1b AND CoRoT-2b WITH THE BEST SURVEY. <i>Astronomical Journal</i> , 2010, 139, 53-58.	4.7	37
25	Kepler-77b: a very low albedo, Saturn-mass transiting planet around a metal-rich solar-like star. <i>Astronomy and Astrophysics</i> , 2013, 557, A74.	5.1	37
26	Rosetta Radio Science Investigations (RSI). <i>Space Science Reviews</i> , 2007, 128, 599-627.	8.1	34
27	Planetary transit candidates in CoRoT-LRc01 field. <i>Astronomy and Astrophysics</i> , 2009, 506, 501-517.	5.1	34
28	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2011, 531, A41.	5.1	33
29	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A97.	5.1	33
30	Planetary transit candidates in Corot-IRa01 field. <i>Astronomy and Astrophysics</i> , 2009, 506, 491-500.	5.1	32
31	Cloud property trends in hot and ultra-hot giant gas planets (WASP-43b, WASP-103b, WASP-121b.) <i>Tj ETQq1 1 0.784314 rgBT / Over</i>	5.1	32
32	Tidal interactions of close-in extrasolar planets: The OGLE cases. <i>Astronomy and Astrophysics</i> , 2004, 427, 1075-1080.	5.1	28
33	Planetary transit candidates in the CoRoT LRa01 field. <i>Astronomy and Astrophysics</i> , 2012, 538, A112.	5.1	27
34	Grid of pseudo-2D chemistry models for tidally locked exoplanets – I. The role of vertical and horizontal mixing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5603-5653.	4.4	27
35	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2012, 537, A136.	5.1	25
36	An upper limit on late accretion and water delivery in the TRAPPIST-1 exoplanet system. <i>Nature Astronomy</i> , 2022, 6, 80-88.	10.1	25

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37	Magma Ocean Evolution of the TRAPPIST-1 Planets. <i>Astrobiology</i> , 2021, 21, 1325-1349.	3.0	24
38	Planetary transit candidates in the CoRoT-SRc01 field. <i>Astronomy and Astrophysics</i> , 2012, 539, A14.	5.1	22
39	Ephemeris refinement of 21 hot Jupiter exoplanets with high timing uncertainties. <i>Astronomy and Astrophysics</i> , 2019, 622, A81.	5.1	22
40	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2011, 528, A97.	5.1	21
41	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2012, 545, A6.	5.1	20
42	3D Radiative Transfer for Exoplanet Atmospheres. gCMCRT: A GPU-accelerated MCRT Code. <i>Astrophysical Journal</i> , 2022, 929, 180.	4.5	20
43	A Highly Eccentric Warm Jupiter Orbiting TIC 237913194. <i>Astronomical Journal</i> , 2020, 160, 275.	4.7	19
44	An algorithm for correcting CoRoT raw light curves. <i>Astronomy and Astrophysics</i> , 2010, 522, A86.	5.1	16
45	Transiting exoplanets from the CoRoT space mission Resolving the nature of transit candidates for the LRa03 and SRa03 fields. <i>Astrophysics and Space Science</i> , 2012, 337, 511-529.	1.4	15
46	Indications for very high metallicity and absence of methane in the eccentric exo-Saturn WASP-117b. <i>Astronomy and Astrophysics</i> , 2021, 646, A168.	5.1	15
47	Grid of pseudo-2D chemistry models for tidally locked exoplanets – II. The role of photochemistry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4877-4892.	4.4	15
48	Transiting exoplanets from the CoRoT space mission. <i>Astronomy and Astrophysics</i> , 2012, 541, A149.	5.1	13
49	Habitability Models for Astrobiology. <i>Astrobiology</i> , 2021, 21, 1017-1027.	3.0	13
50	Probing the atmosphere of WASP-69 b with low- and high-resolution transmission spectroscopy. <i>Astronomy and Astrophysics</i> , 2021, 656, A142.	5.1	11
51	The influence of planetary engulfment on stellar rotation in metal-poor main-sequence stars. <i>Astronomy and Astrophysics</i> , 2020, 643, A34.	5.1	7
52	Hot subdwarfs in binary systems and the nature of their unseen companions. <i>Astrophysics and Space Science</i> , 2010, 329, 91-99.	1.4	6
53	Exoplanet discoveries with the CoRoT space observatory. <i>Solar System Research</i> , 2010, 44, 520-526.	0.7	4
54	Habitability Models for Planetary Sciences. , 2021, 53, .		3

#	ARTICLE	IF	CITATIONS
55	Detecting life outside our solar system with a large high-contrast-imaging mission. <i>Experimental Astronomy</i> , 0, , 1.	3.7	2
56	Atmospheric dynamics on tidally locked Earth-like planets in the habitable zone of an M dwarf star. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 376-377.	0.0	1