

Silvia Toonen

List of Publications by Year in descending order

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26
papers

1,598
citations

430874

18
h-index

552781

26
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26
all docs

26
docs citations

26
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Chandrasekhar-mass Type Ia Supernovae from the Double-degenerate Channel. <i>Astrophysical Journal</i> , 2022, 925, 92.	4.5	9
2	New Clues to the Evolution of Dwarf Carbon Stars From Their Variability and X-Ray Emission. <i>Astrophysical Journal</i> , 2022, 926, 210.	4.5	1
3	Observationally driven Galactic double white dwarf population for <i>LISA</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5936-5947.	4.4	35
4	A gap in the double white dwarf separation distribution caused by the common-envelope evolution: astrometric evidence from <i>Gaia</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1228-1246.	4.4	10
5	Massive Stellar Triples Leading to Sequential Binary Black Hole Mergers in the Field. <i>Astrophysical Journal Letters</i> , 2021, 907, L19.	8.3	45
6	HAYDN. <i>Experimental Astronomy</i> , 2021, 51, 963-1001.	3.7	22
7	Combined analysis of neutron star natal kicks using proper motions and parallax measurements for radio pulsars and Be X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3345-3364.	4.4	20
8	Weighing Milky Way satellites with LISA. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 502, L55-L60.	3.3	9
9	Unexpected Short-period Variability in Dwarf Carbon Stars from the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2021, 922, 33.	4.5	4
10	Gaia white dwarfs within 40â€‰pc II: the volume-limited Northern hemisphere sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1890-1908.	4.4	73
11	Milky Way Satellites Shining Bright in Gravitational Waves. <i>Astrophysical Journal Letters</i> , 2020, 894, L15.	8.3	25
12	Mergers of equal-mass binaries with compact object companions from mass transfer in triple star systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1819-1833.	4.4	16
13	Double White Dwarf Merger Products among High-mass White Dwarfs. <i>Astrophysical Journal</i> , 2020, 891, 160.	4.5	41
14	The Nearest Discovered Black Hole Is Likely Not in a Triple Configuration. <i>Astrophysical Journal Letters</i> , 2020, 897, L29.	8.3	7
15	<i>Gaia</i> Data Release 2 catalogue of white dwarfs and a comparison with SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4570-4591.	4.4	287
16	Formation and evolution of hybrid Heâ€‰CO white dwarfs and their properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1135-1142.	4.4	54
17	Neutron starâ€‰white dwarf mergers: early evolution, physical properties, and outcomes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1805-1813.	4.4	36
18	A planetesimal orbiting within the debris disc around a white dwarf star. <i>Science</i> , 2019, 364, 66-69.	12.6	131

#	ARTICLE	IF	CITATIONS
19	The diverse lives of progenitors of hydrogen-rich core-collapse supernovae: the role of binary interaction. <i>Astronomy and Astrophysics</i> , 2019, 631, A5.	5.1	35
20	Astronomical Distance Determination in the Space Age. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	24
21	Detecting hierarchical stellar systems with LISA. <i>Physical Review D</i> , 2018, 98, .	4.7	48
22	Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 865, 15.	4.5	145
23	Binary Black Hole Mergers from Field Triples: Properties, Rates, and the Impact of Stellar Evolution. <i>Astrophysical Journal</i> , 2017, 841, 77.	4.5	223
24	Prospects for detection of detached double white dwarf binaries with Gaia, LSST and LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1894-1910.	4.4	143
25	The Evolution of the Type Ia Supernova Luminosity Function. <i>Astrophysical Journal Letters</i> , 2017, 851, L50.	8.3	25
26	The evolution of hierarchical triple star-systems. <i>Computational Astrophysics and Cosmology</i> , 2016, 3, .	22.7	130