

# Valeriya Korol

## List of Publications by Year in Descending Order

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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.

18  
papers

377  
citations

10  
h-index

19  
g-index

20  
ext. papers

602  
ext. citations

5.1  
avg, IF

3.9  
L-index

#	Paper	IF	Citations
18	Observationally driven Galactic double white dwarf population for LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 511, 5936-5947	4.3	0
17	Corrigendum to: The TianQin project: current progress on science and technology. <i>Progress of Theoretical and Experimental Physics</i> , <b>2021</b> , 2021,	5.4	1
16	The TianQin project: Current progress on science and technology. <i>Progress of Theoretical and Experimental Physics</i> , <b>2021</b> , 2021,	5.4	25
15	How can LISA probe a population of GW190425-like binary neutron stars in the Milky Way?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 5576-5583	4.3	2
14	Weighing Milky Way satellites with LISA. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2021</b> , 502, L55-L60	4.3	4
13	Merger rates in primordial black hole clusters without initial binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 994-1000	4.3	8
12	Milky Way Satellites Shining Bright in Gravitational Waves. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 894, L15	7.9	13
11	The Milky Way bar structural properties from gravitational waves. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 4958-4971	4.3	2
10	Stars Stripped in Binaries: The Living Gravitational-wave Sources. <i>Astrophysical Journal</i> , <b>2020</b> , 904, 56	4.7	4
9	Science with the TianQin Observatory: Preliminary results on Galactic double white dwarf binaries. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	29
8	Populations of double white dwarfs in Milky Way satellites and their detectability with LISA. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 638, A153	5.1	20
7	Where are the double-degenerate progenitors of Type Ia supernovae?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 3656-3668	4.3	27
6	Circumbinary exoplanets and brown dwarfs with the Laser Interferometer Space Antenna. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 632, A113	5.1	8
5	A multimessenger study of the Milky Way stellar disc and bulge with LISA, Gaia, and LSST. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 5518-5533	4.3	28
4	Physical properties of AM CVn stars: New insights from Gaia DR2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A141	5.1	33
3	LISA verification binaries with updated distances from Gaia Data Release 2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 302-309	4.3	75
2	Prospects for detection of detached double white dwarf binaries with Gaia, LSST and LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 1894-1910	4.3	80

- 1 Bondi accretion in early-type galaxies. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 1188–1200 18