

Valeriya Korol

List of Publications by Citations

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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.

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|-------------------|-----------------------|----------------|----------------|
| 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 | 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 | 4.3 | 80 |
| 17 | LISA verification binaries with updated distances from Gaia Data Release 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 302-309 | 4.3 | 75 |
| 16 | Physical properties of AM CVn stars: New insights from Gaia DR2. <i>Astronomy and Astrophysics</i> , 2018 , 620, A141 | 5.1 | 33 |
| 15 | Science with the TianQin Observatory: Preliminary results on Galactic double white dwarf binaries. <i>Physical Review D</i> , 2020 , 102, | 4.9 | 29 |
| 14 | A multimessenger study of the Milky Way's stellar disc and bulge with LISA, Gaia, and LSST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 5518-5533 | 4.3 | 28 |
| 13 | Where are the double-degenerate progenitors of Type Ia supernovae?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 3656-3668 | 4.3 | 27 |
| 12 | The TianQin project: Current progress on science and technology. <i>Progress of Theoretical and Experimental Physics</i> , 2021 , 2021, | 5.4 | 25 |
| 11 | Populations of double white dwarfs in Milky Way satellites and their detectability with LISA. <i>Astronomy and Astrophysics</i> , 2020 , 638, A153 | 5.1 | 20 |
| 10 | Bondi accretion in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 1188-1200 | 4.1 | 18 |
| 9 | Milky Way Satellites Shining Bright in Gravitational Waves. <i>Astrophysical Journal Letters</i> , 2020 , 894, L15 | 7.9 | 13 |
| 8 | Merger rates in primordial black hole clusters without initial binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 994-1000 | 4.3 | 8 |
| 7 | Circumbinary exoplanets and brown dwarfs with the Laser Interferometer Space Antenna. <i>Astronomy and Astrophysics</i> , 2019 , 632, A113 | 5.1 | 8 |
| 6 | Stars Stripped in Binaries: The Living Gravitational-wave Sources. <i>Astrophysical Journal</i> , 2020 , 904, 56 | 4.7 | 4 |
| 5 | Weighing Milky Way satellites with LISA. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021 , 502, L55-L60 | 4.3 | 4 |
| 4 | The Milky Way's bar structural properties from gravitational waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 4958-4971 | 4.3 | 2 |
| 3 | 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> , 2021 , 502, 5576-5583 | 4.3 | 2 |
| 2 | Corrigendum to: The TianQin project: current progress on science and technology. <i>Progress of Theoretical and Experimental Physics</i> , 2021 , 2021, | 5.4 | 1 |

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Observationally driven Galactic double white dwarf population for LISA. *Monthly Notices of the Royal Astronomical Society*, **2022**, 511, 5936-5947

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