

# Nadezhda Kudryavtseva

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,630  
citations

331538

21  
h-index

302012

39  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3159  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. Publications of the Astronomical Society of Australia, 2013, 30, .   | 1.3 | 892       |
| 2  | wsclean: an implementation of a fast, generic wide-field imager for radio astronomy. Monthly Notices of the Royal Astronomical Society, 2014, 444, 606-619.  | 1.6 | 562       |
| 3  | The WEBT BL Lacertae Campaign 2000. Astronomy and Astrophysics, 2002, 390, 407-421.  | 2.1 | 140       |
| 4  | The WEBT BL Lacertae Campaign 2001 and its extension. Astronomy and Astrophysics, 2004, 421, 103-114.  | 2.1 | 110       |
| 5  | Coordinated Multiwavelength Observations of BL Lacertae in 2000. Astrophysical Journal, 2003, 596, 847-859.  | 1.6 | 67        |
| 6  | BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. Astrophysical Journal, 2015, 809, 168.  | 1.6 | 65        |
| 7  | THE IMPORTANCE OF WIDE-FIELD FOREGROUND REMOVAL FOR 21 cm COSMOLOGY: A DEMONSTRATION WITH EARLY MWA EPOCH OF REIONIZATION OBSERVATIONS. Astrophysical Journal, 2016, 819, 8.                                       | 1.6 | 65        |
| 8  | The Murchison Widefield Array Commissioning Survey: A Low-Frequency Catalogue of 14 110 Compact Radio Sources over 6 100 Square Degrees. Publications of the Astronomical Society of Australia, 2014, 31, .        | 1.3 | 62        |
| 9  | The Be/X-ray transient 4Uâ€‰0115+63/V635 Cassiopeiae. Astronomy and Astrophysics, 2007, 462, 1081-1089.  | 2.1 | 42        |
| 10 | Modelling of the spectral energy distribution of Fornax A: leptonic and hadronic production of high-energy emission from the radio lobes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3478-3491. | 1.6 | 41        |
| 11 | The kinematics in the pc-scale jets of AGN. Astronomy and Astrophysics, 2010, 511, A57.  | 2.1 | 40        |
| 12 | A new method for estimating frequency-dependent core shifts in active galactic nucleus jets. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1631-1637.  | 1.6 | 40        |
| 13 | The First Murchison Widefield Array low-frequency radio observations of cluster scale non-thermal emission: the case of Abell 3667. Monthly Notices of the Royal Astronomical Society, 2014, 445, 330-346.         | 1.6 | 39        |
| 14 | The Murchison Widefield Array Correlator. Publications of the Astronomical Society of Australia, 2015, 32, .   | 1.3 | 39        |
| 15 | Low Altitude Solar Magnetic Reconnection, Type III Solar Radio Bursts, and X-ray Emissions. Scientific Reports, 2018, 8, 1676.   | 1.6 | 38        |
| 16 | ON THE DETECTION AND TRACKING OF SPACE DEBRIS USING THE MURCHISON WIDEFIELD ARRAY. I. SIMULATIONS AND TEST OBSERVATIONS DEMONSTRATE FEASIBILITY. Astronomical Journal, 2013, 146, 103.                             | 1.9 | 34        |
| 17 | A possible jet precession in the periodic quasar B0605â€‰085. Astronomy and Astrophysics, 2011, 526, A51.  | 2.1 | 32        |
| 18 | High-energy sources at low radio frequency: the Murchison Widefield Array view of Fermi blazars. Astronomy and Astrophysics, 2016, 588, A141.  | 2.1 | 31        |

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|----|--|-----|-----------|
| 19 | A Possible Periodicity in the Radio Light Curves of 3C 454.3. <i>Research in Astronomy and Astrophysics</i> , 2007, 7, 364-374.  | 1.1 | 30        |
| 20 | Power spectrum analysis of ionospheric fluctuations with the Murchison Widefield Array. <i>Radio Science</i> , 2015, 50, 574-597.  | 0.8 | 30        |
| 21 | Modeling nuclei of radio galaxies from VLBI radio observations. <i>Astronomy and Astrophysics</i> , 2008, 483, 125-135.  | 2.1 | 23        |
| 22 | Frequency-dependent time delays for strong outbursts in selected blazars from the MetsÄhovi and UMRAO monitoring data bases â€“ II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 797-808.   | 1.6 | 19        |
| 23 | MURCHISON WIDEFIELD ARRAY OBSERVATIONS OF ANOMALOUS VARIABILITY: A SERENDIPITOUS NIGHT-TIME DETECTION OF INTERPLANETARY SCINTILLATION. <i>Astrophysical Journal Letters</i> , 2015, 809, L12.  | 3.0 | 19        |
| 24 | Frequency-dependent time-delays for strong outbursts in selected blazars from the MetsÄhovi and the University of Michigan Radio Astronomy Observatory monitoring databases â€“ I.. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 1470-1482. | 1.6 | 18        |
| 25 | Satellite altimetry reveals spatial patterns of variations in the Baltic Sea wave climate. <i>Earth System Dynamics</i> , 2017, 8, 697-706.  | 2.7 | 17        |
| 26 | Validation of the multi-mission altimeter wave height data for the Baltic Sea region. <i>Estonian Journal of Earth Sciences</i> , 2016, 65, 161.   | 0.4 | 16        |
| 27 | A search for periodicity in the light curves of selected blazars. <i>Astronomy Reports</i> , 2006, 50, 1-11.   | 0.2 | 15        |
| 28 | Ionospheric Modelling using GPS to Calibrate the MWA. I: Comparison of First Order Ionospheric Effects between GPS Models and MWA Observations. <i>Publications of the Astronomical Society of Australia</i> , 2015, 32, .   | 1.3 | 13        |
| 29 | Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961â€“2017. <i>Continental Shelf Research</i> , 2019, 182, 22-36.   | 0.9 | 13        |
| 30 | The role of nearshore slope on cross-shore surface transport during a coastal upwelling event in Gulf of Finland, Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 209, 123-135.  | 0.9 | 10        |
| 31 | Non-stationary Modeling of Trends in Extreme Water Level Changes Along the Baltic Sea Coast. <i>Journal of Coastal Research</i> , 2018, 85, 586-590.   | 0.1 | 10        |
| 32 | A Matched Filter Technique for Slow Radio Transient Detection and First Demonstration with the Murchison Widefield Array. <i>Astronomical Journal</i> , 2017, 153, 98.   | 1.9 | 9         |
| 33 | Modification of closure depths by synchronisation of severe seas and high water levels. <i>Geo-Marine Letters</i> , 2017, 37, 35-46.   | 0.5 | 9         |
| 34 | Variability of distributions of wave set-up heights along a shoreline with complicated geometry. <i>Ocean Science</i> , 2020, 16, 1047-1065.   | 1.3 | 9         |
| 35 | Optical and infrared monitoring of BL Lac in 1999â€“2001. <i>Astronomy Letters</i> , 2004, 30, 209-217.  | 0.1 | 8         |
| 36 | Effects of large-scale atmospheric circulation on the Baltic Sea wave climate: application of the EOF method on multi-mission satellite altimetry data. <i>Climate Dynamics</i> , 2021, 57, 3465-3478.   | 1.7 | 8         |

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|----|--|-----|-----------|
| 37 | Non-stationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961–2018. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 1279-1296. | 1.5 | 6         |
| 38 | Coastal Flooding: Joint Probability of Extreme Water Levels and Waves along the Baltic Sea Coast. <i>Journal of Coastal Research</i> , 2020, 95, 1146.                   | 0.1 | 6         |
| 39 | The blazar 0059+581: Successful prognosis of activity. <i>Astronomy Reports</i> , 2006, 50, 468-482.   | 0.2 | 1         |
| 40 | First look Murchison Widefield Array observations of Abell 3667. , 2014, , .   |     | 0         |
| 41 | Waves in the sky: Probing the ionosphere with the Murchison Widefield Array. , 2015, , .   |     | 0         |
| 42 | The kinematics of S5 1803+784. , 2007, , .   |     | 0         |