

Alexey Melnikov

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

294
citations

1040056

9
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	27.8	110
2	Burst timescales and luminosities as links between young pulsars and fast radio bursts. <i>Nature Astronomy</i> , 2022, 6, 393-401.	10.1	46
3	Milliarcsecond Localization of the Repeating FRB 20201124A. <i>Astrophysical Journal Letters</i> , 2022, 927, L3.	8.3	28
4	Detection statistics of the RadioAstron AGN survey. <i>Advances in Space Research</i> , 2020, 65, 705-711.	2.6	21
5	The high brightness temperature of B0529+483 revealed by RadioAstron and implications for interstellar scattering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3523-3534.	4.4	15
6	Russian VLBI network "Quasar" Current status and outlook. <i>Geodesy and Geodynamics</i> , 2019, 10, 150-156.	2.2	12
7	A Giant Water Maser Flare in the Galactic Source IRAS 18316-0602. <i>Astronomy Reports</i> , 2019, 63, 49-65.	0.9	11
8	A correlator for the quasar VLBI network. <i>Instruments and Experimental Techniques</i> , 2011, 54, 84-91.	0.5	9
9	High-resolution radio imaging of two luminous quasars beyond redshift 4.5. <i>Astronomy and Astrophysics</i> , 2018, 618, A68.	5.1	9
10	Testing general relativity with geodetic VLBI. <i>Astronomy and Astrophysics</i> , 2018, 618, A8.	5.1	9
11	J2102+6015: a young radio source at $z = 4.575$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3736-3744.	4.4	6
12	Unprecedented change in the position of four radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 874-883.	4.4	5
13	Polarization of the H ₂ O maser emission from Orion KL at epoch 2011.7. <i>Astronomy Letters</i> , 2012, 38, 575-580.	1.0	3
14	Exploring the Asymmetry of the Solar Corona Electron Density with Very Long Baseline Interferometry. <i>Astrophysical Journal</i> , 2019, 885, 159.	4.5	3
15	Active star-forming region in Orion KL, epoch 2012. <i>Astronomy Letters</i> , 2012, 38, 764-770.	1.0	2
16	Structure of the object W3 OH in hydroxyl maser lines. <i>Astronomy Letters</i> , 2014, 40, 95-110.	1.0	2
17	Resolving VLBI correlator ambiguity in the time delay model improves precision of geodetic measurements. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	2
18	Russian-Cuban Colocation Station for Radio Astronomical Observation and Monitoring of Near-Earth Space. <i>Astrophysical Bulletin</i> , 2018, 73, 257-266.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Results of testing a radio interferometer with digital signal processing in a 400-MHz band. Instruments and Experimental Techniques, 2014, 57, 45-49.	0.5	0
20	Geodetic data analysis of VGOS experiments. , 2021, , .		0
21	RASFX and DiFX: The Comparison of Geodetic VLBI Processing Results. , 2019, , .		0
22	The impact of new estimates of models of stellar motion from VLBI on the alignment of the optically bright Gaia frame to ICRF3. , 2022, , .		0