

# Valentin Melnik

## List of Publications by Year in descending order

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33  
papers

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citations

933447

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839539

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docs citations

34  
times ranked

332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Type III and Type IIIb Bursts in the Frequency Band of 8–80 MHz During PSP Perihelion at the Beginning of April 2019. <i>Solar Physics</i> , 2021, 296, 1.	2.5	6
2	EXPLORATION OF THE SOLAR DECAMETER RADIO EMISSION WITH THE UTR-2 RADIO TELESCOPE. <i>Radio Physics and Radio Astronomy</i> , 2021, 26, 74-89.	0.3	1
3	Solar Type U Burst Associated with a High Coronal Loop. <i>Solar Physics</i> , 2021, 296, 1.	2.5	5
4	Fine Structure of a Solar Type II Radio Burst Observed by LOFAR. <i>Astrophysical Journal Letters</i> , 2020, 897, L15.	8.3	25
5	Radio Signature of a Distant behind-the-limb CME on 2017 September 6. <i>Astrophysical Journal</i> , 2020, 905, 10.	4.5	1
6	Comparative analysis of solar radio bursts before and during CME propagation. <i>Astronomy and Astrophysics</i> , 2019, 625, A63.	5.1	2
7	First Observation of the Solar Type III Burst Decay and Its Interpretation. <i>Astrophysical Journal</i> , 2019, 885, 78.	4.5	3
8	Properties of Decameter III–III Pairs. <i>Solar Physics</i> , 2018, 293, 1.	2.5	10
9	Decameter Type IV Burst Associated with a Behind-the-limb CME Observed on 7 November 2013. <i>Solar Physics</i> , 2018, 293, 1.	2.5	5
10	On the Observational Properties of the Decameter Striae. , 2018, , .		1
11	Interferometric Observations of the Quiet Sun at 20 and 25 MHz in May 2014. <i>Solar Physics</i> , 2018, 293, 1.	2.5	3
12	Radio signatures of shock-accelerated electron beams in the solar corona. <i>Astronomy and Astrophysics</i> , 2018, 609, A41.	5.1	21
13	Imaging spectroscopy of solar radio burst fine structures. <i>Nature Communications</i> , 2017, 8, 1515.	12.8	91
14	The decameter spikes as a tool for the coronal plasma parameters determination. , 2017, , .		0
15	The Storm of Decameter Spikes During the Event of 14 June 2012. <i>Solar Physics</i> , 2016, 291, 211-228.	2.5	14
16	Fine and Superfine Structure of the Decameter–Hectometer Type II Burst on 7 June 2011. <i>Solar Physics</i> , 2015, 290, 2031-2042.	2.5	15
17	“Fingerprint”™ Fine Structure in the Solar Decametric Radio Spectrum <i>Solar Physics</i> . <i>Solar Physics</i> , 2015, 290, 2013-2030.	2.5	4
18	Decameter U-burst Harmonic Pair from a High Loop. <i>Solar Physics</i> , 2015, 290, 181-192.	2.5	13

#	ARTICLE	IF	CITATIONS
19	Decameter Type III Bursts with Changing Frequency Drift-Rate Signs. Solar Physics, 2015, 290, 193-203.	2.5	11
20	ON THE HARMONIC COUPLING OF COMPONENTS IN PAIRS OF IIIb BURSTS AT DECAMETER WAVELENGTHS. Radio Physics and Radio Astronomy, 2015, 20, 99-108.	0.3	3
21	Unusual Solar Radio Burst Observed at Decameter Wavelengths. Solar Physics, 2014, 289, 263-278.	2.5	7
22	Solar Decameter Spikes. Solar Physics, 2014, 289, 1701-1714.	2.5	19
23	DECAMETER TYPE IV BURSTS, FIBER-BURSTS AND TYPE III BURSTS ASSOCIATED WITH GROUP OF SOLAR ACTIVE REGIONS. Radio Physics and Radio Astronomy, 2014, 19, 295-306.	0.3	7
24	PECULIARITY OF CONTINUUM EMISSION FROM THE UPPER SOLAR CORONA AT DECAMETER WAVELENGTHS. Radio Physics and Radio Astronomy, 2012, 3, 187-196.	0.3	5
25	PROPAGATION OF TYPE III SOLAR BURSTS RADIO EMISSION THROUGH THE CORONA. 1. TIME PROFILE. Radio Physics and Radio Astronomy, 2012, 3, 205-213.	0.3	5
26	PROPAGATION OF TYPE III SOLAR BURSTS RADIO EMISSION THROUGH THE CORONA. 2. FREQUENCY DRIFT RATE. Radio Physics and Radio Astronomy, 2012, 3, 285-290.	0.3	1
27	Observations of Powerful Type III Bursts in the Frequency Range 10-30 MHz. Solar Physics, 2011, 269, 335-350.	2.5	20
28	Solar U and J radio bursts at the decameter waves. , 2010, , .		3
29	Type IIIb bursts and their fine structure in frequency band 18-30 MHz. , 2010, , .		6
30	Bursts in emission and absorption as a fine structure of Type IV bursts. AIP Conference Proceedings, 2010, , .	0.4	5
31	Solar S-bursts at Frequencies of 10-30 MHz. Solar Physics, 2010, 264, 103-117.	2.5	12
32	DECAMETRIC SOLAR U- AND J-TYPE BURSTS. Radio Physics and Radio Astronomy, 2010, 1, 181-188.	0.3	5
33	Solar Drift Pair Bursts in the Decameter Range. Solar Physics, 2005, 231, 143-155.	2.5	20