

Milan Maksimovic

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,771
citations

623574

14
h-index

713332

21
g-index

21
all docs

21
docs citations

21
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Wind Electrons Alphas and Protons (SWEAP) Investigation: Design of the Solar Wind and Coronal Plasma Instrument Suite for Solar Probe Plus. <i>Space Science Reviews</i> , 2016, 204, 131-186.	3.7	439
2	Ulysses electron distributions fitted with Kappa functions. <i>Geophysical Research Letters</i> , 1997, 24, 1151-1154.	1.5	379
3	Radial evolution of nonthermal electron populations in the low-latitude solar wind: Helios, Cluster, and Ulysses Observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	234
4	Electron temperature anisotropy constraints in the solar wind. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	219
5	First In Situ Measurements of Electron Density and Temperature from Quasi-thermal Noise Spectroscopy with Parker Solar Probe/FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 44.	3.0	106
6	Solar wind electron suprathermal strength and temperature gradients: Ulysses observations. <i>Journal of Geophysical Research</i> , 2000, 105, 18337-18350.	3.3	95
7	Anisotropic Radio-wave Scattering and the Interpretation of Solar Radio Emission Observations. <i>Astrophysical Journal</i> , 2019, 884, 122.	1.6	60
8	Density Fluctuations in the Solar Wind Based on Type III Radio Bursts Observed by Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 57.	3.0	45
9	Coronal Electron Temperature Inferred from the Strahl Electrons in the Inner Heliosphere: Parker Solar Probe and Helios Observations. <i>Astrophysical Journal</i> , 2020, 892, 88.	1.6	34
10	Measuring plasma parameters with thermal noise spectroscopy. <i>Geophysical Monograph Series</i> , 1998, , 205-210.	0.1	33
11	Whistler Waves and Electron Properties in the Inner Heliosphere: Helios Observations. <i>Astrophysical Journal</i> , 2020, 897, 118.	1.6	26
12	On the Exospheric Approach for the Solar Wind Acceleration. <i>Astrophysics and Space Science</i> , 2001, 277, 181-187.	0.5	22
13	CMEs and SEPs During November–December 2020: A Challenge for Real-Time Space Weather Forecasting. <i>Space Weather</i> , 2022, 20, .	1.3	16
14	Spectrum of kinetic plasma turbulence at 0.3–0.9 astronomical units from the Sun. <i>Physical Review E</i> , 2021, 103, 063202.	0.8	15
15	Ambipolar Electric Field and Potential in the Solar Wind Estimated from Electron Velocity Distribution Functions. <i>Astrophysical Journal</i> , 2021, 921, 83.	1.6	14
16	Global Solar Magnetic Field and Interplanetary Scintillations During the Past Four Solar Cycles. <i>Solar Physics</i> , 2019, 294, 1.	1.0	13
17	Turbulent Proton Heating Rate in the Solar Wind from 5–45 R _☉ . <i>Astrophysical Journal</i> , 2021, 914, 137.	1.6	9
18	Some Basic Aspects of Solar Wind Acceleration. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	5

#	ARTICLE	IF	CITATIONS
19	Solar Wind Electron Parameters Determination on Wind Spacecraft Using Quasi-Thermal Noise Spectroscopy. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028113.	0.8	3
20	Electron Kappa Distributions in the Solar Wind: Cause of the Acceleration or Consequence of the Expansion?. Astrophysics and Space Science Library, 2021, , 39-51.	1.0	2
21	Plasma Parameters From Quasi-Thermal Noise Observed by Parker Solar Probe: A New Model for the Antenna Response. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	2