

# Lloyd D Woodham

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8543441/publications.pdf>

Version: 2024-02-01

18  
papers

481  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Proton Cyclotron Resonance as a Dissipation Mechanism in Solar Wind Turbulence: A Statistical Study at Ion-kinetic Scales. <i>Astrophysical Journal</i> , 2018, 856, 49.	4.5	68
2	A Solar Source of Alfvénic Magnetic Field Switchbacks: In Situ Remnants of Magnetic Funnel on Supergranulation Scales. <i>Astrophysical Journal</i> , 2021, 923, 174.	4.5	67
3	Evolution of Solar Wind Turbulence from 0.1 to 1 au during the First Parker Solar Probe's Solar Orbiter Radial Alignment. <i>Astrophysical Journal Letters</i> , 2021, 912, L21.	8.3	49
4	Enhanced proton parallel temperature inside patches of switchbacks in the inner heliosphere. <i>Astronomy and Astrophysics</i> , 2021, 650, L1.	5.1	43
5	Parallel-propagating Fluctuations at Proton-kinetic Scales in the Solar Wind Are Dominated By Kinetic Instabilities. <i>Astrophysical Journal Letters</i> , 2019, 884, L53.	8.3	38
6	Statistical analysis of orientation, shape, and size of solar wind switchbacks. <i>Astronomy and Astrophysics</i> , 2021, 650, A1.	5.1	34
7	Proton core behaviour inside magnetic field switchbacks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5524-5531.	4.4	29
8	Anisotropy of Solar Wind Turbulence in the Inner Heliosphere at Kinetic Scales: PSP Observations. <i>Astrophysical Journal Letters</i> , 2021, 915, L8.	8.3	29
9	The near-Sun streamer belt solar wind: turbulence and solar wind acceleration. <i>Astronomy and Astrophysics</i> , 2021, 650, L3.	5.1	26
10	Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiter's Parker Solar Probe Quadrature. <i>Astrophysical Journal Letters</i> , 2021, 920, L14.	8.3	25
11	First Solar Orbiter observation of the Alfvénic slow wind and identification of its solar source. <i>Astronomy and Astrophysics</i> , 2021, 656, A21.	5.1	13
12	Solar Orbiter's first Venus flyby: MAG observations of structures and waves associated with the induced Venusian magnetosphere. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	10
13	Electron Energization and Energy Dissipation in Microscale Electromagnetic Environments. <i>Astrophysical Journal Letters</i> , 2020, 899, L31.	8.3	10
14	Dependence of Solar Wind Proton Temperature on the Polarization Properties of Alfvénic Fluctuations at Ion-kinetic Scales. <i>Astrophysical Journal</i> , 2021, 912, 101.	4.5	9
15	Study of two interacting interplanetary coronal mass ejections encountered by Solar Orbiter during its first perihelion passage. <i>Astronomy and Astrophysics</i> , 2021, 656, A5.	5.1	9
16	Plasma properties, switchback patches, and low $\alpha$ -particle abundance in slow Alfvénic coronal hole wind at 0.13 au. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 236-244.	4.4	9
17	Multi-spacecraft study of the solar wind at solar minimum: Dependence on latitude and transient outflows. <i>Astronomy and Astrophysics</i> , 2021, 652, A105.	5.1	9
18	Solar Orbiter's encounter with the tail of comet C/2019 Y4 (ATLAS): Magnetic field draping and cometary pick-up ion waves. <i>Astronomy and Astrophysics</i> , 2021, 656, A39.	5.1	4