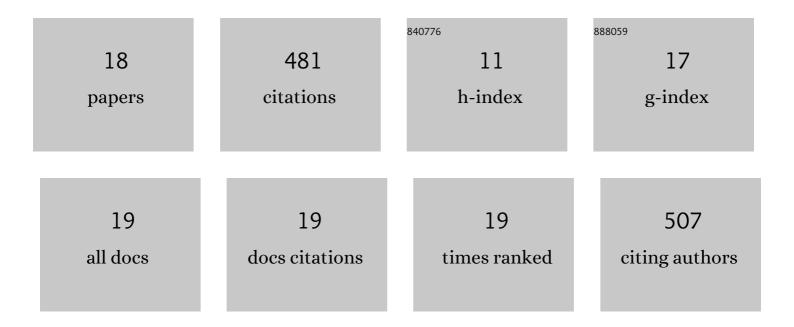
## Lloyd D Woodham

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8543441/publications.pdf Version: 2024-02-01



#	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. Astrophysical Journal, 2018, 856, 49.	4.5	68
2	A Solar Source of Alfvénic Magnetic Field Switchbacks: In Situ Remnants of Magnetic Funnels on Supergranulation Scales. Astrophysical Journal, 2021, 923, 174.	4.5	67
3	Evolution of Solar Wind Turbulence from 0.1 to 1 au during the First Parker Solar Probe–Solar Orbiter Radial Alignment. Astrophysical Journal Letters, 2021, 912, L21.	8.3	49
4	Enhanced proton parallel temperature inside patches of switchbacks in the inner heliosphere. Astronomy and Astrophysics, 2021, 650, L1.	5.1	43
5	Parallel-propagating Fluctuations at Proton-kinetic Scales in the Solar Wind Are Dominated By Kinetic Instabilities. Astrophysical Journal Letters, 2019, 884, L53.	8.3	38
6	Statistical analysis of orientation, shape, and size of solar wind switchbacks. Astronomy and Astrophysics, 2021, 650, A1.	5.1	34
7	Proton core behaviour inside magnetic field switchbacks. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5524-5531.	4.4	29
8	Anisotropy of Solar Wind Turbulence in the Inner Heliosphere at Kinetic Scales: PSP Observations. Astrophysical Journal Letters, 2021, 915, L8.	8.3	29
9	The near-Sun streamer belt solar wind: turbulence and solar wind acceleration. Astronomy and Astrophysics, 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–Parker Solar Probe Quadrature. Astrophysical Journal Letters, 2021, 920, L14.	8.3	25
11	First Solar Orbiter observation of the Alfvénic slow wind and identification of its solar source. Astronomy and Astrophysics, 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. Astronomy and Astrophysics, 0, , .	5.1	10
13	Electron Energization and Energy Dissipation in Microscale Electromagnetic Environments. Astrophysical Journal Letters, 2020, 899, L31.	8.3	10
14	Dependence of Solar Wind Proton Temperature on the Polarization Properties of Alfvénic Fluctuations at Ion-kinetic Scales. Astrophysical Journal, 2021, 912, 101.	4.5	9
15	Study of two interacting interplanetary coronal mass ejections encountered by Solar Orbiter during its first perihelion passage. Astronomy and Astrophysics, 2021, 656, A5.	5.1	9
16	Plasma properties, switchback patches, and low <i>î±</i> -particle abundance in slow Alfvénic coronal hole wind at 0.13 au. Monthly Notices of the Royal Astronomical Society, 2021, 508, 236-244.	4.4	9
17	Multi-spacecraft study of the solar wind at solar minimum: Dependence on latitude and transient outflows. Astronomy and Astrophysics, 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. Astronomy and Astrophysics, 2021, 656, A39.	5.1	4