

# Ronan Laker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5543334/publications.pdf>

Version: 2024-02-01

9  
papers

719  
citations

1163117

8  
h-index

1474206

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g-index

11  
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11  
docs citations

11  
times ranked

744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly structured slow solar wind emerging from an equatorial coronal hole. <i>Nature</i> , 2019, 576, 237-242.	27.8	401
2	Sharp Alfvénic Impulses in the Near-Sun Solar Wind. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 45.	7.7	115
3	A Solar Source of Alfvénic Magnetic Field Switchbacks: In Situ Remnants of Magnetic Funnels on Supergranulation Scales. <i>Astrophysical Journal</i> , 2021, 923, 174.	4.5	67
4	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
5	Statistical analysis of orientation, shape, and size of solar wind switchbacks. <i>Astronomy and Astrophysics</i> , 2021, 650, A1.	5.1	34
6	Proton core behaviour inside magnetic field switchbacks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5524-5531.	4.4	29
7	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
8	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
9	Solar Orbiter observations of an ion-scale flux rope confined to a bifurcated solar wind current sheet. <i>Astronomy and Astrophysics</i> , 2021, 656, A27.	5.1	6