

# Alex C Fletcher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9560290/publications.pdf>

Version: 2024-02-01

12  
papers

77  
citations

1478505

6  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic Equilibrium of Dipolarization Fronts. Scientific Reports, 2018, 8, 17186.	3.3	12
2	Kinetic Equilibrium and Stability Analysis of Dipolarization Fronts. Journal of Geophysical Research: Space Physics, 2019, 124, 2010-2028.	2.4	11
3	Understanding and Harnessing the Dual Electrostatic/Electromagnetic Character of Plasma Turbulence in the Near-Earth Space Environment. Journal of Geophysical Research: Space Physics, 2019, 124, 10365-10375.	2.4	11
4	Newly Discovered Source of Turbulence and Heating in the Solar Chromosphere. Astrophysical Journal Letters, 2020, 891, L9.	8.3	10
5	Early Time Evolution of Turbulence in the Space Environment by Neutral Beam Injection. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027587.	2.4	8
6	Effects of Ion Magnetization on the Farley-Buneman Instability in the Solar Chromosphere. Astrophysical Journal, 2018, 857, 129.	4.5	6
7	Cross-scale energy cascade powered by magnetospheric convection. Scientific Reports, 2022, 12, 4446.	3.3	6
8	ISR Spectra Simulations With Electron-Ion Coulomb Collisions. Journal of Geophysical Research: Space Physics, 2018, 123, 2990-3004.	2.4	5
9	Lower-hybrid wave instability due to multiple fast heavy ion ring distributions in the SMART experiment. Physics of Plasmas, 2020, 27, .	1.9	5
10	A New Perspective for Dipolarization Front Dynamics: Electromagnetic Effects of Velocity Inhomogeneity. Journal of Geophysical Research: Space Physics, 2019, 124, 7533-7542.	2.4	3
11	Theoretical and computational predictions for the upcoming SMART experiment. , 2019, , .		0
12	10.1063/5.0025379.1. , 2020, , .		0