

# Filomena Catapano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3737338/publications.pdf>

Version: 2024-02-01

8  
papers

141  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

374  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Turbulence-Driven Ion Beams in the Magnetospheric Kelvin-Helmholtz Instability. <i>Physical Review Letters</i> , 2019, 122, 035102.   | 7.8 | 62        |
| 2 | The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 93-103. | 2.4 | 26        |
| 3 | Current sheets with inhomogeneous plasma temperature: Effects of polarization electric field and 2D solutions. <i>Physics of Plasmas</i> , 2015, 22, .  | 1.9 | 13        |
| 4 | Swarm Langmuir probes' data quality validation and future improvements. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2022, 11, 149-162.   | 1.6 | 11        |
| 5 | Proton and heavy ion acceleration by stochastic fluctuations in the Earth's magnetotail. <i>Annales Geophysicae</i> , 2016, 34, 917-926.  | 1.6 | 9         |
| 6 | Sign Singularity of the Local Energy Transfer in Space Plasma Turbulence. <i>Frontiers in Physics</i> , 2019, 7, .  | 2.1 | 9         |
| 7 | Charge Proportional and Weakly Mass-Dependent Acceleration of Different Ion Species in the Earth's Magnetotail. <i>Geophysical Research Letters</i> , 2017, 44, 10,108.                               | 4.0 | 7         |
| 8 | In Situ Evidence of Ion Acceleration between Consecutive Reconnection Jet Fronts. <i>Astrophysical Journal</i> , 2021, 908, 73.   | 4.5 | 3         |