

# Boris Filippov

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

635  
citations

567281

15  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rising of a magnetic null point in the wake of an erupting flux rope. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1357-1364.	4.4	0
2	Mass of prominences experiencing failed eruptions. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	7
3	Critical decay index for eruptions of $\sim$ short $\hat{a}$ ™ filaments. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3926-3930.	4.4	3
4	Dependence of the eruptive filaments dynamics on their length. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5713-5720.	4.4	2
5	Failed prominence eruptions near 24 cycle maximum. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2166-2177.	4.4	15
6	Solar Total Eclipse of 21 August 2017: Study of the Inner Corona Dynamical Events Leading to a CME. Solar Physics, 2020, 295, 1.	2.5	5
7	Flux rope breaking and formation of a rotating blowout jet. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1286-1298.	4.4	27
8	Two-step solar filament eruptions. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1646-1652.	4.4	13
9	Horizontal photospheric flows trigger a filament eruption. Astronomy and Astrophysics, 2018, 618, A43.	5.1	13
10	Solar Coronal Loop Dynamics Near the Null Point Above Active Region NOAA 2666. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	1
11	Two-Step Filament Eruption During 14 $\hat{a}$ % $\hat{a}$ %15 March 2015. Solar Physics, 2017, 292, 1.	2.5	26
12	Various Barbs in Solar Filaments. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	2
13	INTERRUPTED ERUPTION OF LARGE QUIESCENT FILAMENT ASSOCIATED WITH A HALO CME. Astrophysical Journal, 2016, 821, 85.	4.5	17
14	INTERACTION OF TWO FILAMENT CHANNELS OF DIFFERENT CHIRALITIES. Astrophysical Journal, 2016, 825, 123.	4.5	11
15	Filament shape versus coronal potential magnetic field structure. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1406-1413.	4.4	10
16	Formation of a rotating jet during the filament eruption on 2013 April 10 $\hat{a}$ %11. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1117-1129.	4.4	26
17	Solar Magnetic Flux Ropes. Journal of Astrophysics and Astronomy, 2015, 36, 157-184.	1.0	36
18	CONFINED PARTIAL FILAMENT ERUPTION AND ITS REFORMATION WITHIN A STABLE MAGNETIC FLUX ROPE. Astrophysical Journal, 2014, 787, 11.	4.5	52

#	ARTICLE	IF	CITATIONS
19	Electric Current Equilibrium in the Corona. Solar Physics, 2013, 283, 401-411.	2.5	6
20	Formation of a White-Light Jet Within a Quadrupolar Magnetic Configuration. Solar Physics, 2013, 286, 143-156.	2.5	15
21	Solar eruptive phenomena. , 2013, , .		0
22	A FILAMENT ERUPTION ON 2010 OCTOBER 21 FROM THREE VIEWPOINTS. Astrophysical Journal, 2013, 773, 10.	4.5	37
23	A STUDY OF A FAILED CORONAL MASS EJECTION CORE ASSOCIATED WITH AN ASYMMETRIC FILAMENT ERUPTION. Astrophysical Journal, 2013, 771, 65.	4.5	28
24	Filament Connectivity and "Reconnection": Proceedings of the International Astronomical Union, 2013, 8, 412-413.	0.0	0
25	3D dynamical structuring of a high latitude erupting prominence: I- Analysis of the cool plasma flows before the eruption. Proceedings of the International Astronomical Union, 2013, 8, 430-432.	0.0	0
26	3D dynamical structuring of a high latitude erupting prominence: II- Analysis of the coronal context and eruption. Proceedings of the International Astronomical Union, 2013, 8, 433-434.	0.0	0
27	Crossing Filaments. Solar Physics, 2011, 270, 151-164.	2.5	4
28	Multiwavelength Observations of a Failed Flux Rope in the Eruption and Associated M-Class Flare from NOAA AR 11045. Solar Physics, 2011, 272, 301-317.	2.5	24
29	Multiwavelength Study of the M8.9/3B Solar Flare from NOAA 10960. Solar Physics, 2010, 266, 39-58.	2.5	25
30	Deflection of Coronal Rays by Remote CMEs: Shock Wave or Magnetic Pressure?. Solar Physics, 2010, 266, 123-134.	2.5	10
31	Coronal Fine Linear Rays: Are They Fast Streams From Active Regions?. , 2010, , .		2
32	X-Ray Jet Dynamics in a Polar Coronal Hole Region. Solar Physics, 2009, 254, 259-269.	2.5	61
33	Jet phenomena above null points of the coronal magnetic field. Geomagnetism and Aeronomy, 2009, 49, 1109-1112.	0.8	2
34	Prominence height shows the proximity of an ejection. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 614-620.	1.6	20
35	Analysis and interpretation of a fast limb CME with eruptive prominence, C-flare, and EUV dimming. Astronomy and Astrophysics, 2008, 483, 599-608.	5.1	10
36	Spirality of Coronal Rays. Solar Physics, 2004, 221, 283-295.	2.5	3

#	ARTICLE	IF	CITATIONS
37	About the prominence heating mechanisms during its eruptive phase. Solar Physics, 2002, 208, 283-295.	2.5	46
38	On the origin of the prolate solar chromosphere. Solar Physics, 2000, 196, 311-320.	2.5	11
39	Observation of a 3d Magnetic Null Point in the Solar Corona. Solar Physics, 1999, 185, 297-309.	2.5	51
40	Difference of source regions between fast and slow coronal mass ejections. Publications of the Astronomical Society of Australia, 0, 36, .	3.4	5