

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	X-Ray Jet Dynamics in a Polar Coronal Hole Region. Solar Physics, 2009, 254, 259-269.	2.5	61
2	CONFINED PARTIAL FILAMENT ERUPTION AND ITS REFORMATION WITHIN A STABLE MAGNETIC FLUX ROPE. Astrophysical Journal, 2014, 787, 11.	4.5	52
3	Observation of a 3d Magnetic Null Point in the Solar Corona. Solar Physics, 1999, 185, 297-309.	2.5	51
4	About the prominence heating mechanisms during its eruptive phase. Solar Physics, 2002, 208, 283-295.	2.5	46
5	A FILAMENT ERUPTION ON 2010 OCTOBER 21 FROM THREE VIEWPOINTS. Astrophysical Journal, 2013, 773, 10.	4.5	37
6	Solar Magnetic Flux Ropes. Journal of Astrophysics and Astronomy, 2015, 36, 157-184.	1.0	36
7	A STUDY OF A FAILED CORONAL MASS EJECTION CORE ASSOCIATED WITH AN ASYMMETRIC FILAMENT ERUPTION. Astrophysical Journal, 2013, 771, 65.	4.5	28
8	Flux rope breaking and formation of a rotating blowout jet. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1286-1298.	4.4	27
9	Formation of a rotating jet during the filament eruption on 2013 April 10. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1117-1129.	4.4	26
10	Two-Step Filament Eruption During 14-15 March 2015. Solar Physics, 2017, 292, 1.	2.5	26
11	Multiwavelength Study of the M8.9/3B Solar Flare from NOAA 10960. Solar Physics, 2010, 266, 39-58.	2.5	25
12	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
13	Prominence height shows the proximity of an ejection. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 614-620.	1.6	20
14	INTERRUPTED ERUPTION OF LARGE QUIESCENT FILAMENT ASSOCIATED WITH A HALO CME. Astrophysical Journal, 2016, 821, 85.	4.5	17
15	Formation of a White-Light Jet Within a Quadrupolar Magnetic Configuration. Solar Physics, 2013, 286, 143-156.	2.5	15
16	Failed prominence eruptions near 24 cycle maximum. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2166-2177.	4.4	15
17	Two-step solar filament eruptions. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1646-1652.	4.4	13
18	Horizontal photospheric flows trigger a filament eruption. Astronomy and Astrophysics, 2018, 618, A43.	5.1	13

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19	On the origin of the prolate solar chromosphere. Solar Physics, 2000, 196, 311-320.	2.5	11
20	INTERACTION OF TWO FILAMENT CHANNELS OF DIFFERENT CHIRALITIES. Astrophysical Journal, 2016, 825, 123.	4.5	11
21	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
22	Deflection of Coronal Rays by Remote CMEs: Shock-Wave Magnetic Pressure?. Solar Physics, 2010, 266, 123-134.	2.5	10
23	Filament shape versus coronal potential magnetic field structure. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1406-1413.	4.4	10
24	Mass of prominences experiencing failed eruptions. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	7
25	Electric Current Equilibrium in the Corona. Solar Physics, 2013, 283, 401-411.	2.5	6
26	Difference of source regions between fast and slow coronal mass ejections. Publications of the Astronomical Society of Australia, 0, 36, .	3.4	5
27	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
28	Crossing Filaments. Solar Physics, 2011, 270, 151-164.	2.5	4
29	Spirality of Coronal Rays. Solar Physics, 2004, 221, 283-295.	2.5	3
30	Critical decay index for eruptions of "short" filaments. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3926-3930.	4.4	3
31	Jet phenomena above null points of the coronal magnetic field. Geomagnetism and Aeronomy, 2009, 49, 1109-1112.	0.8	2
32	Coronal Fine Linear Rays: Are They Fast Streams From Active Regions?. , 2010, , .		2
33	Various Barbs in Solar Filaments. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	2
34	Dependence of the eruptive filaments dynamics on their length. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5713-5720.	4.4	2
35	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
36	Solar eruptive phenomena. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	Filament Connectivity and "Reconnection": Proceedings of the International Astronomical Union, 2013, 8, 412-413.	0.0	0
38	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
39	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
40	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