Prasad Subramanian

List of Publications by Year
in descending order

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		759233	752698
29	428	12	20
papers	citations	h-index	g-index

29	29	29	467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On Modeling ICME Cross-Sections as Static MHD Columns. Solar Physics, 2022, 297, .	2.5	2
2	Turbulent Proton Heating Rate in the Solar Wind from 5â€“45 R _{âŠ™}. Astrophysical Journal, 2021, 914, 137.	4.5	9
3	Episodic Jets from Black Hole Accretion Disks. Astrophysical Journal, 2019, 877, 130.	4.5	5
4	Automated Detection of Solar Radio Bursts Using a Statistical Method. Solar Physics, 2019, 294, 1.	2.5	13
5	Global Solar Magnetic Field and Interplanetary Scintillations During the Past Four Solar Cycles. Solar Physics, 2019, 294, 1.	2.5	13
6	Dissipation Scale Lengths of Solar Wind Turbulence. Astrophysical Journal, 2019, 872, 77.	4.5	7
7	Energetics of small electron acceleration episodes in the solar corona from radio noise storm observations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1603-1611.	4.4	10
8	CME Dynamics Using STEREO and LASCO Observations: The Relative Importance of Lorentz Forces and Solar Wind Drag. Solar Physics, 2017, 292, 1.	2.5	40
9	Small electron acceleration episodes in the solar corona. Monthly Notices of the Royal Astronomical Society, 2017, 471, 89-99.	4.4	15
10	Turbulent Density Fluctuations and Proton Heating Rate in the Solar Wind from 9â€“20 R_{âŠ™}. Astrophysical Journal, 2017, 850, 129.	4.5	10
11	CME Dynamics Using STEREO and LASCO Observations: The Relative Importance of Lorentz Forces and Solar Wind Drag. , 2017, , 473-489.		0
12	RELATIVE CONTRIBUTION OF THE MAGNETIC FIELD BARRIER AND SOLAR WIND SPEED IN ICME-ASSOCIATED FORBUSH DECREASES. Astrophysical Journal, 2016, 828, 104.	4.5	24
13	Amplitude of solar wind density turbulence from 10 to 45 R_{âŠ™}. Journal of Geophysical Research: Space Physics, 2016, 121, 11,605.	2.4	14
14	CME PROPAGATION: WHERE DOES AERODYNAMIC DRAG â€œTAKE OVERâ€?. Astrophysical Journal, 2015, 809, 158.	4.5	41
15	SELF-SIMILAR EXPANSION OF SOLAR CORONAL MASS EJECTIONS: IMPLICATIONS FOR LORENTZ SELF-FORCE DRIVING. Astrophysical Journal, 2014, 790, 125.	4.5	35
16	Can solar wind viscous drag account for coronal mass ejection deceleration?. Geophysical Research Letters, 2012, 39, .	4.0	39
17	TeV blazar variability: the firehose instability?. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1707-1710.	4.4	12
18	Constraints on coronal turbulence models from source sizes of noise storms at 327 MHz. Journal of Geophysical Research, 2011, 116, .	3.3	16

#	Article	IF	Citations
19	DRIVING CURRENTS FOR FLUX ROPE CORONAL MASS EJECTIONS. Astrophysical Journal, 2009, 693, 1219-1222.	4.5	8
20	An Evaluation of Possible Mechanisms for Anomalous Resistivity in the Solar Corona. Solar Physics, 2007, 243, 163-169.	2.5	7
21	Further Constraints on Electron Acceleration in Solar Noise Storms. Solar Physics, 2006, 237, 185-200.	2.5	4
22	Restrictions on the Physical Prescription for the Viscosity in Advectionâ€dominated Accretion Disks. Astrophysical Journal, 2005, 622, 520-530.	4.5	11
23	Noise-Storm Continua: Power Estimates for Electron Acceleration. Solar Physics, 2004, 225, 91-103.	2.5	12
24	Energetics of Coronal Mass Ejections. Proceedings of the International Astronomical Union, 2004, 2004, 314-315.	0.0	1
25	Giant Meterwave Radio Telescope observations of an M2.8 flare: Insights into the initiation of a flareâ€“coronal mass ejection event. Solar Physics, 2003, 218, 247-259.	2.5	13
26	Relativistic Outflows from Advectionâ€dominated Accretion Disks around Black Holes. Astrophysical Journal, 2001, 552, 209-220.	4.5	11
27	Formation of Relativistic Outflows in Shearing Black Hole Accretion Coronae. Astrophysical Journal, 1999, 523, 203-222.	4.5	44
28	Ion Viscosity Mediated by Tangled Magnetic Fields: an Application to Black Hole Accretion Disks. Astrophysical Journal, 1996, 469, 784.	4.5	12
29	X-ray Dips in AGN and Microquasars â€“ Collapse Timescales of Inner Accretion Disc. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	0