

Hossein Ebadi

List of Publications by Year in descending order

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37
papers

176
citations

1163117

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37
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of standing kink waves in solar spicules. <i>Astrophysics and Space Science</i> , 2012, 337, 33-37.	1.4	23
2	The Ly α and Ly β Profiles in Solar Prominences and Prominence Fine Structure. <i>Solar Physics</i> , 2007, 246, 327-338.	2.5	17
3	Thermodynamics of universe with a varying dark energy component. <i>International Journal of Modern Physics D</i> , 2015, 24, 1550098.	2.1	14
4	Thermodynamic behavior and stability of Polytropic gas. <i>International Journal of Modern Physics D</i> , 2016, 25, 1650014.	2.1	11
5	Alfvén wave dynamics at the neighbourhood of a 2.5D magnetic null-point. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4991-4997.	4.4	11
6	How Alfvén waves induce compressive flows in the neighborhood of a 2.5D magnetic null-point. <i>Scientific Reports</i> , 2020, 10, 15603.	3.3	9
7	The possibility of Kelvin-Helmholtz instability in solar spicules. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	1.4	8
8	Plasma heating by magnetoacoustic wave propagation in the vicinity of a 2.5D magnetic null-point. <i>Astronomy and Astrophysics</i> , 2019, 623, A81.	5.1	8
9	Characteristics of Magnetoacoustic Waves and Coronal Seismology. <i>Astrophysical Journal</i> , 2019, 886, 112.	4.5	8
10	Thermodynamical Description of Modified Generalized Chaplygin Gas Model of Dark Energy. <i>International Journal of Theoretical Physics</i> , 2016, 55, 1612-1621.	1.2	7
11	Phase mixing of propagating Alfvén waves in a stratified atmosphere: solar spicules. <i>Astrophysics and Space Science</i> , 2012, 340, 9-15.	1.4	6
12	Observation of kink waves and their reconnection-like origin in solar spicules. <i>Astrophysics and Space Science</i> , 2014, 353, 31-36.	1.4	6
13	Plasmoids and Resulting Blobs due to the Interaction of Magnetoacoustic Waves with a 2.5D Magnetic Null Point. <i>Astrophysical Journal</i> , 2020, 902, 11.	4.5	6
14	The He II Lines in the Lyman Series Profiles of Solar Prominences. <i>Solar Physics</i> , 2009, 257, 91-98.	2.5	5
15	The study of umbral dots in sunspots based on SOT/Hinode observations. <i>Astronomische Nachrichten</i> , 2017, 338, 662-670.	1.2	5
16	Evidences to the pulse like origin of double spicules based on Hinode/SOT observations. <i>Astrophysics and Space Science</i> , 2013, 348, 11-15.	1.4	4
17	Phase mixing of standing Alfvén waves with shear flows in solar spicules. <i>Astrophysics and Space Science</i> , 2013, 343, 11-17.	1.4	3
18	Observation of the period ratio P1/P2 of transversal oscillations in solar macro-spicules. <i>Astrophysics and Space Science</i> , 2014, 352, 353-359.	1.4	3

#	ARTICLE	IF	CITATIONS
19	The study on fine structures in solar prominences. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 95, 127-131.	2.3	2
20	On the role of transition region on the Alfvén wave phase mixing in solar spicules. Astrophysics and Space Science, 2013, 346, 319-325.	1.4	2
21	Non-linear damping of visco-resistive Alfvén waves in solar spicules. Astrophysics and Space Science, 2014, 350, 57-64.	1.4	2
22	Torsional Alfvén waves and the period ratio P_1/P_2 in spicules. Astrophysics and Space Science, 2014, 353, 25-29.	1.4	2
23	The effect of dark matter on stars at the Galactic center: The paradox of youth problem. International Journal of Modern Physics D, 2020, 29, 2050052.	2.1	2
24	Plasma Flow Generation due to the Nonlinear Alfvén Wave Propagation around a 3D Magnetic Null Point. Astrophysical Journal, 2021, 922, 123.	4.5	2
25	Radiative transfer in fine structures of solar prominences. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 103, 351-361.	2.3	1
26	Wave Propagation in Solar Spicules. , 2011, , .		1
27	The period ratio P_1 / P_2 of torsional Alfvén waves with steady flows in spicules. Astrophysics and Space Science, 2016, 361, 1.	1.4	1
28	The first photometric study of W UMa eclipsing binary OQ Dra. New Astronomy, 2016, 49, 28-31.	1.8	1
29	The behavior of magnetic Prandtl number on the Rossby wave instability in the protoplanetary discs. Astrophysics and Space Science, 2017, 362, 1.	1.4	1
30	The first photometric study of semi-detached eclipsing binary V504 Cyg. New Astronomy, 2017, 50, 25-29.	1.8	1
31	Capture rate of weakly interacting massive particles (WIMPs) in binary star systems. Monthly Notices of the Royal Astronomical Society, 2021, 503, 458-471.	4.4	1
32	Torsional waves with force-free magnetic fields in solar plasma structures. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4930-4934.	4.4	1
33	BVR photometric study and absolute parameters of the eclipsing binary AG LMi. New Astronomy, 2021, 89, 101625.	1.8	1
34	Propagation of the Alfvén Wave and Induced Perturbations in the Vicinity of a 3D Proper Magnetic Null Point. Astrophysical Journal, 2022, 924, 126.	4.5	1
35	Transverse oscillations in solar spicules induced by propagating Alfvénic pulses. Astrophysics and Space Science, 2013, 345, 225-229.	1.4	0
36	The study of magnetic reconnection in solar spicules. Astrophysics and Space Science, 2014, 353, 47-51.	1.4	0

#	ARTICLE	IF	CITATIONS
37	An observational study of the high-amplitude δ Scuti star V367 Cam. <i>New Astronomy</i> , 2020, 77, 101338.	1.8	0