

Xenophon Moussas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5054601/publications.pdf>

Version: 2024-02-01

29
papers

1,217
citations

535685

17
h-index

651938

25
g-index

30
all docs

30
docs citations

30
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of solar flares' latitudinal distribution during the solar period 2002-2017: GOES and RHESSI data comparison. <i>Advances in Space Research</i> , 2018, 62, 2701-2707.	1.2	9
2	The possible effects of the solar and geomagnetic activity on multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2016, 146, 82-89.	0.6	13
3	Long-Term Variability of the Polytropic Index of Solar Wind Protons at 1 AU. <i>Solar Physics</i> , 2014, 289, 1371-1378.	1.0	55
4	CME Expansion as the Driver of Metric Type II Shock Emission as Revealed by Self-consistent Analysis of High-Cadence EUV Images and Radio Spectrograms. <i>Solar Physics</i> , 2014, 289, 2123-2139.	1.0	31
5	Morphotectonic features on Titan and their possible origin. <i>Planetary and Space Science</i> , 2013, 77, 104-117.	0.9	26
6	THERMAL AND CHEMICAL STRUCTURE VARIATIONS IN TITAN'S STRATOSPHERE DURING THE CASSINI MISSION. <i>Astrophysical Journal</i> , 2012, 760, 144.	1.6	25
7	Wavelet Analysis on Solar Wind Parameters and Geomagnetic Indices. <i>Solar Physics</i> , 2012, 280, 623-640.	1.0	59
8	Seismometers on the satellites of the Outer Solar System. , 2011, , .		0
9	Sounding the interior of Titan's lakes by using Micro-Electro-Mechanical Systems (MEMS). , 2011, , .		0
10	Exploring the satellites of the outer planets with in situ elements. , 2011, , .		0
11	Study of the solar Slow Sonic, Alfvén and Fast Magnetosonic transition surfaces. <i>Advances in Space Research</i> , 2010, 46, 382-390.	1.2	10
12	Upper limit of the total magnetic flux in an active region according to the photometric-magnetic dynamical model. <i>Advances in Space Research</i> , 2009, 43, 694-701.	1.2	1
13	TandEM: Titan and Enceladus mission. <i>Experimental Astronomy</i> , 2009, 23, 893-946.	1.6	77
14	The Antikythera Mechanism: The oldest mechanical universe in its scientific milieu. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 135-148.	0.0	2
15	The gears of the Antikythera Mechanism: an educational pathfinder to the solar system. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, .	0.0	0
16	S/WAVES: The Radio and Plasma Wave Investigation on the STEREO Mission. <i>Space Science Reviews</i> , 2008, 136, 487-528.	3.7	313
17	Enhanced Rieger-type periodicities' detection in X-ray solar flares and statistical validation of Rossby waves' existence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 2278-2284.	1.6	34
18	Interplanetary Space Weather and Its Planetary Connection. <i>Space Weather</i> , 2008, 6, n/a-n/a.	1.3	4

#	ARTICLE	IF	CITATIONS
19	The maximum magnetic flux in an active region. Proceedings of the International Astronomical Union, 2008, 4, 101-108.	0.0	1
20	The sunspot as an autonomous dynamical system: A model for the growth and decay phases of sunspots. Physica A: Statistical Mechanics and Its Applications, 2007, 379, 436-458.	1.2	22
21	Decoding the ancient Greek astronomical calculator known as the Antikythera Mechanism. Nature, 2006, 444, 587-591.	13.7	252
22	The improved ARTEMIS IV multichannel solar radio spectrograph of the University of Athens. Experimental Astronomy, 2006, 21, 41-55.	1.6	36
23	Solar cycles: A tutorial. Advances in Space Research, 2005, 35, 725-738.	1.2	30
24	On signal-noise decomposition of time-series using the continuous wavelet transform: application to sunspot index. Monthly Notices of the Royal Astronomical Society, 2003, 343, 725-734.	1.6	73
25	The New Multichannel Radiospectrograph ARTEMIS-IV/HECATE, of the University of Athens. Experimental Astronomy, 2001, 11, 23-32.	1.6	40
26	A review of magneto-vorticity induction in Hall-MHD plasmas. Plasma Physics and Controlled Fusion, 2001, 43, 195-221.	0.9	32
27	A shock associated (SA) radio event and related phenomena observed from the base of the solar corona to 1 AU. Geophysical Research Letters, 1998, 25, 2513-2516.	1.5	43
28	Pitch angle scattering of solar particles: Comparison of ?particle? and ?field? approach. Solar Physics, 1988, 117, 135-156.	1.0	20
29	Latitudinal and solar-cycle dependence of the interplanetary magnetic field predominant polarity. Solar Physics, 1982, 75, 361-375.	1.0	9