

Leonard Kornos

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

380
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	The KoÅ¡ice meteorite fall: Atmospheric trajectory, fragmentation, and orbit. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1757-1779.	1.6	93
2	Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observations. <i>Icarus</i> , 2015, 248, 499-515.	2.5	39
3	All-sky Meteor Orbit System AMOS and preliminary analysis of three unusual meteor showers. <i>Planetary and Space Science</i> , 2015, 118, 102-106.	1.7	32
4	Spectral and orbital survey of medium-sized meteoroids. <i>Astronomy and Astrophysics</i> , 2019, 629, A71.	5.1	23
5	Spectra and physical properties of Taurid meteoroids. <i>Planetary and Space Science</i> , 2017, 143, 104-115.	1.7	21
6	Density, porosity and magnetic susceptibility of the KoÅ¡ice meteorite shower and homogeneity of its parent meteoroid. <i>Planetary and Space Science</i> , 2014, 93-94, 96-100.	1.7	19
7	The KoÅ¡ice meteorite fall: Recovery and strewn field. <i>Meteoritics and Planetary Science</i> , 2015, 50, 853-863.	1.6	19
8	Meteoroid orbits from video meteors. The case of the Geminid stream. <i>Planetary and Space Science</i> , 2017, 143, 89-98.	1.7	18
9	All-Sky Video Orbits of Lyrids 2009. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 331-334.	2.5	14
10	Frequency of hyperbolic and interstellar meteoroids. <i>Meteoritics and Planetary Science</i> , 2014, 49, 63-68.	1.6	14
11	On the orbital evolution of the Lyrid meteoroid stream. <i>Planetary and Space Science</i> , 2015, 118, 48-53.	1.7	14
12	The challenge of identifying interstellar meteors. <i>Planetary and Space Science</i> , 2020, 192, 105060.	1.7	13
13	On the sodium enhancement in spectra of slow meteors and the origin of Na-rich meteoroids. <i>Icarus</i> , 2020, 347, 113817.	2.5	11
14	Orbital Evolution of PÅ™Å™abram and Neuschwanstein. <i>Earth, Moon and Planets</i> , 2008, 102, 59-65.	0.6	9
15	Characterization of the June epsilon Ophiuchids meteoroid stream and the comet 300P/Catalina. <i>Astronomy and Astrophysics</i> , 2020, 636, A122.	5.1	9
16	The influence of meteor measurement errors on the heliocentric orbits of meteoroids. <i>Planetary and Space Science</i> , 2020, 190, 104965.	1.7	8
17	The Lyrid Meteor Stream: Orbit and Structure. <i>Earth, Moon and Planets</i> , 2008, 102, 91-94.	0.6	6
18	April ĀCygnids and comet C/1917 F1 Mellish. <i>Planetary and Space Science</i> , 2015, 118, 28-34.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Hydrogen emission from meteors and meteorites: mapping traces of H ₂ O molecules and organic compounds in small Solar system bodies. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3982-3992.	4.4	6
20	Seven Asteroids Studied from Modra Observatory in the Course of Binary Asteroid Photometric Campaign. Earth, Moon and Planets, 2007, 101, 17-25.	0.6	3
21	October Draconids 2018 outburst by AMOS. Planetary and Space Science, 2020, 190, 104995.	1.7	2
22	Modeling of the Dark Phase of Flight and the Impact Area for Meteorites of Real Shapes. Advances in Astronomy, 2021, 2021, 1-14.	1.1	1
23	Search for V-type meteoroids. Planetary and Space Science, 2020, 189, 104978.	1.7	0