Anton A Reva

List of Publications by Year
in descending order

27	284	840776 11	940533 16
papers	citations	h-index	g-index

28	28	28	216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The TESIS experiment on the CORONAS-PHOTON spacecraft. Solar System Research, 2011, 45, 162-173.	0.7	35
2	Nonlinear Evolution of Short-wavelength Torsional AlfvÃ©n Waves. Astrophysical Journal, 2017, 840, 64.	4.5	27
3	The Sun and heliosphere explorer â€“ the Interhelioprobe mission. Geomagnetism and Aeronomy, 2016, 56, 781-841.	0.8	23
4	Investigation of Hot X-Ray Points (HXPs) Using Spectroheliograph Mgâ€‰xii Experiment Data from CORONAS-F/SPIRIT. Solar Physics, 2012, 276, 97-112.	2.5	19
5	EUV observations of the solar corona with superhigh spatial resolution in the ARCA project. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 87-90.	0.6	18
6	Wave-like Formation of Hot Loop Arcades. Solar Physics, 2015, 290, 2909-2921.	2.5	18
7	Microflares and nanoflares in the solar corona. Physics-Uspekhi, 2020, 63, 783-800.	2.2	18
8	Observations of the Coronal Mass Ejection with a Complex Acceleration Profile. Astrophysical Journal, 2017, 851, 108.	4.5	16
9	Measurements of reflection spectra of soft X-ray multilayer mirrors using a broadband laser-plasma radiation source. Quantum Electronics, 2009, 39, 474-480.	1.0	15
10	The Energy Distribution of Nanoflares at the Minimum and Rising Phase of Solar Cycle 24. Astronomy Letters, 2019, 45, 248-257.	1.0	15
11	Estimate of the Upper Limit on Hot Plasma Differential Emission Measure (DEM) in Non-Flaring Active Regions and Nanoflare Frequency Based on the Mgâ€‰xii Spectroheliograph Data from CORONAS-F/SPIRIT. Solar Physics, 2018, 293, 1.	2.5	14
12	Direct Evidence for Magnetic Reconnection in a Solar EUV Nanoflare. Solar Physics, 2019, 294, 1.	2.5	12
13	CURRENT SHEET STRUCTURES OBSERVED BY THE TESIS EUV TELESCOPE DURING A FLUX ROPE ERUPTION ON THE SUN. Astrophysical Journal, 2016, 832, 16.	4.5	8
14	BREAKOUT RECONNECTION OBSERVED BY THE TESIS EUV TELESCOPE. Astrophysical Journal, 2016, 816, 90.	4.5	8
15	INITIATION AND EARLY EVOLUTION OF THE CORONAL MASS EJECTION ON 2009 MAY 13 FROM EXTREME-ULTRAVIOLET AND WHITE-LIGHT OBSERVATIONS. Astrophysical Journal, 2014, 793, 140.	4.5	7
16	Spectroscopic characterization of novel multilayer mirrors intended for astronomical and laboratory applications. , 2009, , .		6
17	Monochromatic X-Ray Imagers of the Sun Based on the Bragg Crystal Optics. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	4
18	Joint observations of solar corona in space projects ARKA and KORTES. , 2017, , .		4

#	Article	IF	Citations
19	Spectral calibration of filters and detectors of solar telescope at a wavelength of 13.2 nm for the TESIS project. Journal of Surface Investigation, 2008, 2, 527-530.	0.5	3
20	The TESIS Solar imaging spectroscopy experiment on board the CORONAS-Photon satellite. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 33-37.	0.6	3
21	Processing method of images obtained during the TESIS/CORONAS-PHOTON experiment. Solar System Research, 2011, 45, 174-181.	0.7	3
22	KORTES Mission for Solar Activity Monitoring Onboard International Space Station. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	3
23	Application of Novel Multilayer Normal-Incidence Mirrors for EUV Solar Spectroscopy. Technical Physics, 2020, 65, 1736-1739.	0.7	2
24	Calibration of the X-Ray spectroheliograph Mg XII for the 0.84 nm spectral line for the TESIS experiment. Journal of Surface Investigation, 2009, 3, 538-541.	0.5	1
25	Spectral calibration of CCDs and multilayer filters intended for future space applications. Proceedings of SPIE, 2016, , .	0.8	1
26	Observations of Current Sheet Heating in X-Ray during a Solar Flare. Astrophysical Journal, 2022, 931, 93.	4.5	1
27	Large Hot X-Ray Sources in the Solar Corona. Springer Series on Atomic, Optical, and Plasma Physics, 2012, , 37-82.	0.2	0