

Anton B Ivanov

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,342
citations

516710

16
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

3090
citing authors

#	ARTICLE	IF	CITATIONS
1	Mars Orbiter Laser Altimeter: Experiment summary after the first year of global mapping of Mars. Journal of Geophysical Research, 2001, 106, 23689-23722.	3.3	1,344
2	The Global Topography of Mars and Implications for Surface Evolution. Science, 1999, 284, 1495-1503.	12.6	826
3	Morphology and Composition of the Surface of Mars: Mars Odyssey THEMIS Results. Science, 2003, 300, 2056-2061.	12.6	368
4	Subsurface Radar Sounding of the South Polar Layered Deposits of Mars. Science, 2007, 316, 92-95.	12.6	330
5	Radar Soundings of the Subsurface of Mars. Science, 2005, 310, 1925-1928.	12.6	327
6	Observations of the North Polar Region of Mars from the Mars Orbiter Laser Altimeter. , 1998, 282, 2053-2060.		231
7	CHEOPS: A transit photometry mission for ESA's small mission programme. EPJ Web of Conferences, 2013, 47, 03005.	0.3	169
8	Radar Sounding of the Medusae Fossae Formation Mars: Equatorial Ice or Dry, Low-Density Deposits?. Science, 2007, 318, 1125-1128.	12.6	143
9	The Mars express MARSIS sounder instrument. Planetary and Space Science, 2009, 57, 1975-1986.	1.7	134
10	Estimation of the total electron content of the Martian ionosphere using radar sounder surface echoes. Geophysical Research Letters, 2007, 34, .	4.0	115
11	The Role of Sublimation for the Formation of the Northern Ice Cap: Results from the Mars Orbiter Laser Altimeter. Icarus, 2000, 144, 436-448.	2.5	55
12	MARSIS radar sounder evidence of buried basins in the northern lowlands of Mars. Nature, 2006, 444, 905-908.	27.8	55
13	Spectral heterogeneity on Phobos and Deimos: HiRISE observations and comparisons to Mars Pathfinder results. Planetary and Space Science, 2011, 59, 1281-1292.	1.7	53
14	Cloud Reflection Observations: Results from the Mars Orbiter Laser Altimeter. Icarus, 2001, 154, 190-206.	2.5	46
15	Observations of the north polar water ice annulus on Mars using THEMIS and TES. Planetary and Space Science, 2008, 56, 256-265.	1.7	38
16	Internal structure of the Martian south polar layered deposits. Journal of Geophysical Research, 2004, 109, .	3.3	36
17	Geological, geomorphological, facies and allostratigraphic maps of the Eberswalde fan delta. Planetary and Space Science, 2011, 59, 1166-1178.	1.7	18
18	Satellite constellation design algorithm for remote sensing of diurnal cycles phenomena. Advances in Space Research, 2018, 62, 2529-2550.	2.6	14

#	ARTICLE	IF	CITATIONS
19	MARSIS subsurface radar investigations of the South Polar reentrant Chasma Australe. Journal of Geophysical Research, 2008, 113, .	3.3	13
20	Opacity of the Martian atmosphere from the Mars Orbiter Laser Altimeter (MOLA) observations. Geophysical Research Letters, 1998, 25, 4417-4420.	4.0	11
21	Microwave Thermal Mapping of the Stealth Region on Mars. Icarus, 1998, 133, 163-173.	2.5	8
22	Systems engineering and design of a Mars Polar Research Base with a human crew. Acta Astronautica, 2019, 156, 234-249.	3.2	6
23	Operation of a Concurrent Design Facility for university projects. , 2016, , .		1
24	EU-FP7-iMARS: ANALYSIS OF MARS MULTI-RESOLUTION IMAGES USING AUTO-COREGISTRATION, DATA MINING AND CROWD SOURCE TECHNIQUES: PROCESSED RESULTS – A FIRST LOOK. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B4, 453-458.	0.2	1