Ludmilla Kolokolova

List of Publications by Year
in descending order

15	362	1163117 8	996975 15
papers	citations	h-index	g-index

16	16	16	488
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	VLT spectropolarimetry of comet 67P: dust environment around the end of its intense southern summer. Astronomy and Astrophysics, 2022, 657, A40.	5.1	5
2	Dust Evolution in the Coma of Distant, Inbound Comet C/2017 K2 (PANSTARRS). Planetary Science Journal, 2022, 3, 135.	3.6	2
3	New Polarimetric Data for the Galilean Satellites: Europa Observations and Modeling. Planetary Science Journal, 2022, 3, 134.	3.6	3
4	An update of the correlation between polarimetric and thermal properties of cometary dust. Astronomy and Astrophysics, 2021, 650, L7.	5.1	3
5	Spectral Modeling Using Radiative Transfer Theory with Packing Density Correction: Demonstration for Saturnian Icy Satellites. Planetary Science Journal, 2020, 1, 74.	3.6	4
6	Space-based Coronagraphic Imaging Polarimetry of the TW Hydrae Disk: Shedding New Light on Self-shadowing Effects. Astrophysical Journal, 2018, 860, 115.	4.5	11
7	Coherent backscattering effect in spectra of icy satellites and its modeling using multi-sphere T-matrix (MSTM) code for layers of particles. Planetary and Space Science, 2017, 149, 23-31.	1.7	9
8	Cosmic Dust VI. Planetary and Space Science, 2014, 100, 1-5.	1.7	1
9	Comparative analysis of polarimetric signatures of aligned and optically active (â€œhomochiralâ€) dust particles. Planetary and Space Science, 2014, 100, 57-63.	1.7	6
10	A distribution of large particles in the coma of Comet 103P/Hartley 2. Icarus, 2013, 222, 634-652.	2.5	112
11	Characterization and remote sensing of biological particles using circular polarization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 131, 59-65.	2.3	20
12	Polarimetric technique to study (pre)biological organics in cosmic dust and planetary aerosols. Earth, Planets and Space, 2013, 65, 1167-1173.	2.5	12
13	Modeling variations in near-infrared spectra caused by the coherent backscattering effect. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 2175-2181.	2.3	13
14	Detection of circular polarization in light scattered from photosynthetic microbes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7816-7821.	7.1	123
15	Circular polarization in comets: Observations of Comet C/1999 S4 (LINEAR) and tentative interpretation. Icarus, 2007, 186, 317-330.	2.5	38