

# Yuriy G Shkuratov

## List of Publications by Year in descending order

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15  
papers

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840776  
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1281871  
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15  
all docs

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docs citations

15  
times ranked

413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grain Size Dependence of Brightness Phase Curves of the Lunar Surface. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006164.	3.6	0
2	Multi-band Polarimetry of the Lunar Surface. III. Polarization Phase Curve. Publications of the Astronomical Society of the Pacific, 2019, 131, 074401.	3.1	0
3	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance. Geophysical Research Letters, 2015, 42, 6945-6950.	4.0	28
4	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith. Geophysical Research Letters, 2015, 42, 8312-8319.	4.0	33
5	Retrieving lunar topography from multispectral LROC images. Planetary and Space Science, 2014, 92, 65-76.	1.7	13
6	Removal of topographic effects from lunar images using Kaguya (LALT) and Earth-based observations. Planetary and Space Science, 2010, 58, 1298-1306.	1.7	12
7	Prognosis of TiO <sub>2</sub> abundance in lunar soil using a non-linear analysis of Clementine and LSCC data. Planetary and Space Science, 2008, 56, 1063-1078.	1.7	36
8	Light scattering from particulate surfaces in geometrical optics approximation. , 2008, , 329-382.		7
9	Laboratory measurements of reflected light intensity and polarization for selected particulate surfaces. , 2008, , 383-402.		7
10	Particle size effect on the opposition spike and negative polarization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 101, 394-403.	2.3	30
11	Derivation of elemental abundance maps at intermediate resolution from optical interpolation of lunar prospector gamma-ray spectrometer data. Planetary and Space Science, 2005, 53, 1287-1301.	1.7	45
12	Interpreting photometry of regolith-like surfaces with different topographies: shadowing and multiple scattering. Icarus, 2005, 173, 3-15.	2.5	88
13	Light scattering by media composed of semitransparent particles of different shapes in ray optics approximation: consequences for spectroscopy, photometry, and polarimetry of planetary regoliths. Icarus, 2005, 173, 16-28.	2.5	86
14	Swirls on the Moon and Mercury: meteoroid swarm encounters as a formation mechanism. Icarus, 2004, 167, 136-147.	2.5	60
15	Composition of the lunar surface as will be seen from SMART-1: A simulation using Clementine data. Journal of Geophysical Research, 2003, 108, .	3.3	38