Nicolas Verdier

List of Publications by Year
in descending order

8 papers	660 citations	1478505 6 h-index	1588992 8 g-index
8 all docs	8 docs citations	8 times ranked	877 citing authors

#	Article	IF	Citations
1	Counting and Phase Function Measurements with the LONSCAPE Instrument to Determine Physical Properties of Aerosols in Ice Giant Planet Atmospheres. Space Science Reviews, 2020, 216, 1.	8.1	6
2	Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. Nature Geoscience, 2020, 13, 213-220.	12.9	207
3	Enhanced detection and sizing algorithm to improve LOAC optical particle counter performances. Applied Optics, 2020, 59, 10892.	1.8	2
4	SEIS: Insightâ€™s Seismic Experiment for Internal Structure of Mars. Space Science Reviews, 2019, 215, 12.	8.1	238
5	In situ measurements of desert dust particles above the western Mediterranean Sea with the balloon-borne Light Optical Aerosol Counter/sizer (LOAC) during the ChArMEx campaign of summer 2013. Atmospheric Chemistry and Physics, 2018, 18, 3677-3699.	4.9	45
6	A Numerical Model of the SEIS Leveling System Transfer Matrix and Resonances: Application to SEIS Rotational Seismology and Dynamic Ground Interaction. Space Science Reviews, 2018, 214, 1.	8.1	22
7	LOAC: a small aerosol optical counter/sizer for ground-based and balloon measurements of the size distribution and nature of atmospheric particles â€“ Part 2: First results from balloon and unmanned aerial vehicle flights. Atmospheric Measurement Techniques, 2016, 9, 3673-3686.	3.1	59
8	LOAC: a small aerosol optical counter/sizer for ground-based and balloon measurements of the size distribution and nature of atmospheric particles â€“ Part 1: Principle of measurements and instrument evaluation. Atmospheric Measurement Techniques, 2016, 9, 1721-1742.	3.1	81