

Nicolas Verdier

List of Publications by Year in descending order

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Version: 2024-02-01

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 | SEIS: Insight's Seismic Experiment for Internal Structure of Mars. <i>Space Science Reviews</i> , 2019, 215, 12. | 8.1 | 238 |
| 2 | Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. <i>Nature Geoscience</i> , 2020, 13, 213-220. | 12.9 | 207 |
| 3 | LOAC: a small aerosol optical counter/sizer for ground-based and balloon measurements of the size distribution and nature of atmospheric particles " Part 1: Principle of measurements and instrument evaluation. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1721-1742. | 3.1 | 81 |
| 4 | LOAC: a small aerosol optical counter/sizer for ground-based and balloon measurements of the size distribution and nature of atmospheric particles " Part 2: First results from balloon and unmanned aerial vehicle flights. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 3673-3686. | 3.1 | 59 |
| 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 ChArMEs campaign of summer 2013. <i>Atmospheric Chemistry and Physics</i> , 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. <i>Space Science Reviews</i> , 2018, 214, 1. | 8.1 | 22 |
| 7 | Counting and Phase Function Measurements with the LONSCAPE Instrument to Determine Physical Properties of Aerosols in Ice Giant Planet Atmospheres. <i>Space Science Reviews</i> , 2020, 216, 1. | 8.1 | 6 |
| 8 | Enhanced detection and sizing algorithm to improve LOAC optical particle counter performances. <i>Applied Optics</i> , 2020, 59, 10892. | 1.8 | 2 |