

Kimberly A Casey

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,638
citations

566801

15
h-index

713013

21
g-index

33
all docs

33
docs citations

33
times ranked

2499
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. <i>Remote Sensing of Environment</i> , 2021, 257, 112349. | 4.6 | 148 |
| 2 | Core handling, transportation and processing for the South Pole ice core (SPICEcore) project. <i>Annals of Glaciology</i> , 2021, 62, 118-130. | 2.8 | 8 |
| 3 | Grand Challenges of Hydrologic Modeling for Food-Energy-Water Nexus Security in High Mountain Asia. <i>Frontiers in Water</i> , 2021, 3, . | 1.0 | 5 |
| 4 | A global compilation of in situ aquatic high spectral resolution inherent and apparent optical property data for remote sensing applications. <i>Earth System Science Data</i> , 2020, 12, 1123-1139. | 3.7 | 12 |
| 5 | Temporal and spatial variability in surface roughness and accumulation rate around 88°S from repeat airborne geophysical surveys. <i>Cryosphere</i> , 2020, 14, 3287-3308. | 1.5 | 6 |
| 6 | The SP19 chronology for the South Pole Ice Core – Part 1: volcanic matching and annual layer counting. <i>Climate of the Past</i> , 2019, 15, 1793-1808. | 1.3 | 38 |
| 7 | The spectral and chemical measurement of pollutants on snow near South Pole, Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6592-6610. | 1.2 | 34 |
| 8 | Quantifying black carbon deposition over the Greenland ice sheet from forest fires in Canada. <i>Geophysical Research Letters</i> , 2017, 44, 7965-7974. | 1.5 | 41 |
| 9 | Impact of MODIS sensor calibration updates on Greenland Ice Sheet surface reflectance and albedo trends. <i>Cryosphere</i> , 2017, 11, 1781-1795. | 1.5 | 40 |
| 10 | Early spring post-fire snow albedo dynamics in high latitude boreal forests using Landsat-8 OLI data. <i>Remote Sensing of Environment</i> , 2016, 185, 71-83. | 4.6 | 50 |
| 11 | Wintertime storage of water in buried supraglacial lakes across the Greenland Ice Sheet. <i>Cryosphere</i> , 2015, 9, 1333-1342. | 1.5 | 45 |
| 12 | The 1500 m South Pole ice core: recovering a 40 ka environmental record. <i>Annals of Glaciology</i> , 2014, 55, 137-146. | 2.8 | 39 |
| 13 | Glacier Mapping and Monitoring Using Multispectral Data. , 2014, , 75-112. | | 18 |
| 14 | On the accuracy of glacier outlines derived from remote-sensing data. <i>Annals of Glaciology</i> , 2013, 54, 171-182. | 2.8 | 425 |
| 15 | Geochemical characterization of supraglacial debris via in situ and optical remote sensing methods: a case study in Khumbu Himalaya, Nepal. <i>Cryosphere</i> , 2012, 6, 85-100. | 1.5 | 52 |
| 16 | Estimation of Supraglacial Dust and Debris Geochemical Composition via Satellite Reflectance and Emissivity. <i>Remote Sensing</i> , 2012, 4, 2554-2575. | 1.8 | 7 |
| 17 | A blended global snow product using visible, passive microwave and scatterometer satellite data. <i>International Journal of Remote Sensing</i> , 2011, 32, 1371-1395. | 1.3 | 122 |
| 18 | Assessing components of the natural environment of the Upper Danube and Upper Brahmaputra river basins. <i>Advances in Science and Research</i> , 2011, 7, 21-36. | 1.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Comparison of satellite-derived and in-situ observations of ice and snow surface temperatures over Greenland. <i>Remote Sensing of Environment</i> , 2008, 112, 3739-3749. | 4.6 | 106 |
| 20 | Satellite-derived, melt-season surface temperature of the Greenland Ice Sheet (2000-2005) and its relationship to mass balance. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 51 |
| 21 | Sea ice surface temperature product from MODIS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004, 42, 1076-1087. | 2.7 | 175 |
| 22 | Island weathering: river sources of rare earth elements to the Western Pacific Ocean. <i>Marine Chemistry</i> , 1999, 68, 39-57. | 0.9 | 182 |