

# Kimberly A Casey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5322647/publications.pdf>

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	On the accuracy of glacier outlines derived from remote-sensing data. <i>Annals of Glaciology</i> , 2013, 54, 171-182.	2.8	425
2	Island weathering: river sources of rare earth elements to the Western Pacific Ocean. <i>Marine Chemistry</i> , 1999, 68, 39-57.	0.9	182
3	Sea ice surface temperature product from MODIS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004, 42, 1076-1087.	2.7	175
4	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
5	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
6	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
7	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
8	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
9	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
10	Wintertime storage of water in buried supraglacial lakes across the Greenland Ice Sheet. <i>Cryosphere</i> , 2015, 9, 1333-1342.	1.5	45
11	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
12	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
13	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
14	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
15	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
16	Glacier Mapping and Monitoring Using Multispectral Data. , 2014, , 75-112.		18
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Estimation of Supraglacial Dust and Debris Geochemical Composition via Satellite Reflectance and Emissivity. <i>Remote Sensing</i> , 2012, 4, 2554-2575.	1.8	7
21	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
22	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