

Kenneth C Jezek

List of Publications by Year in descending order

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18
papers

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933447

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all docs

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docs citations

18
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiometric Approach for Estimating Relative Changes in Intraglacier Average Temperature. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 134-143.	6.3	53
2	Physical Models of Layered Polar Firn Brightness Temperatures From 0.5 to 2 GHz. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3681-3691.	4.9	44
3	500–2000-MHz Brightness Temperature Spectra of the Northwestern Greenland Ice Sheet. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1485-1496.	6.3	42
4	Observing the Antarctic Ice Sheet Using the RADARSAT-1 Synthetic Aperture Radar. Polar Geography, 2003, 27, 197-209.	1.9	32
5	The Ultrawideband Software-Defined Microwave Radiometer: Instrument Description and Initial Campaign Results. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5923-5935.	6.3	27
6	Simulating Multifrequency Ground-Based Radiometric Measurements at Dome C Antarctica. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4405-4417.	4.9	24
7	Greenland Ice Sheet Subsurface Temperature Estimation Using Ultrawideband Microwave Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	17
8	Brief communication: Mapping Greenland's perennial firn aquifers using enhanced-resolution L-band brightness temperature image time series. Cryosphere, 2020, 14, 2809-2817.	3.9	17
9	Microwave Radiometry at Frequencies From 500 to 1400 MHz: An Emerging Technology for Earth Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4894-4914.	4.9	16
10	Remote Sensing of Sea Ice Thickness and Salinity With 0.5–2 GHz Microwave Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8672-8684.	6.3	15
11	The Ultra-wideband Software-Defined Radiometer (UWBRAD) for ice sheet internal temperature sensing: Results from recent observations. , 2016, , .		11
12	500–2000-MHz Airborne Brightness Temperature Measurements Over the East Antarctic Plateau. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
13	A Partially Coherent Approach for Modeling Polar Ice Sheet 0.5–2-GHz Thermal Emission. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8062-8072.	6.3	7
14	Analysis of ice-sheet temperature profiles from low-frequency airborne remote sensing. Journal of Glaciology, 0, , 1-11.	2.2	6
15	High-Resolution Interannual Mass Anomalies of the Antarctic Ice Sheet by Combining GRACE Gravimetry and ENVISAT Altimetry. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 539-546.	6.3	5
16	Studies of Sea-Ice Thickness and Salinity Retrieval Using 0.5–2 GHz Microwave Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	5
17	Properties of the 500–2000-MHz RFI Environment Observed in High-Latitude Airborne Radiometer Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	4
18	Measurements of 540–1740 MHz Brightness Temperatures of Sea Ice During the Winter of the MOSAiC Campaign. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	4