

Kirk M Scanlan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

55
citations

1937685

4
h-index

1720034

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13
all docs

13
docs citations

13
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Altimetry Measurements From Planetary Radar Sounders and Application to SHARAD on Mars. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	6
2	Polarimetric Airborne Radar Sounding as an Approach to Characterizing Subglacial R�thlisberger Channels. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4455-4467.	4.9	2
3	Martian roughness analogues of Europan terrains for radar sounder investigations. Icarus, 2021, 358, 114197.	2.5	3
4	Delay Doppler SAR Focusing and Quantitative Quality Control of the Radar for Europa Assessment and Sounding: Ocean to Near-Surface (REASON) Sounding Data Product. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4352-4369.	4.9	4
5	The surface roughness of Europa derived from Galileo stereo images. Icarus, 2020, 343, 113669.	2.5	15
6	Interferometric discrimination of cross-track bed clutter in ice-penetrating radar sounding data. Annals of Glaciology, 2020, 61, 68-73.	1.4	5
7	Geometric determination of ionospheric total electron content from dual frequency radar sounding measurements. Planetary and Space Science, 2019, 178, 104696.	1.7	12
8	The spatial correlation between track roughness and ground-penetrating radar inferred ballast degradation. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2018, 232, 1917-1931.	2.0	1
9	Evaluating the sensitivity of low-frequency ground-penetrating radar attributes to estimate ballast fines in the presence of variable track foundations through simulation. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2018, 232, 1168-1181.	2.0	1
10	Evaluating the impact of ballast undercutting on the roughness of track geometry over different subgrade conditions. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2018, 232, 1266-1276.	2.0	4
11	A Review of Methods for Estimating Ballast Degradation Using Ground-Penetrating Radar. , 2018, , 54-76.		2
12	Evaluating the Equivalency Between Track Quality Indices and the Minimum Track Geometry Threshold Exceedances Along a Canadian Freight Railway. , 2016, , .		0