JÃ¸rgen Dall

List of Publications by Year
in descending order

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30	880	567281 15	610901 24
papers	citations	h-index	g-index

31	31	31	1060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutual Coupling and Channel Imbalance Calibration of Colocated MIMO Radars. IEEE Open Journal of Antennas and Propagation, 2022, 3, 511-522.	3.7	2
2	Greenland ice velocity maps from the PROMICE project. Earth System Science Data, 2021, 13, 3491-3512.	9.9	23
3	On the Impact of Channel Imbalance on MIMO Radar Performance. , 2021, , .		3
4	Characteristics of ice rises and ice rumples in Dronning Maud Land and Enderby Land, Antarctica. Journal of Glaciology, 2020, 66, 1064-1078.	2.2	19
5	Estimation of Crystal Orientation Fabric from Airborne Polarimetric Ice Sounding Radar Data. , 2020, , .		4
6	A Polarimetric Coherence Method to Determine Ice Crystal Orientation Fabric From Radar Sounding: Application to the NEEM Ice Core Region. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8641-8657.	6.3	19
7	Intercomparison and Validation of SAR-Based Ice Velocity Measurement Techniques within the Greenland Ice Sheet CCI Project. Remote Sensing, 2018, 10, 929.	4.0	18
8	Direction-of-Arrival Analysis of Airborne Ice Depth Sounder Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2239-2249.	6.3	9
9	Improving SAR Automatic Target Recognition Models With Transfer Learning From Simulated Data. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1484-1488.	3.1	161
10	Single and Multipolarimetric P-Band SAR Tomography of Subsurface Ice Structure. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2832-2845.	6.3	37
11	Direction-of-Arrival Estimation for Radar Ice Sounding Surface Clutter Suppression. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5170-5179.	6.3	16
12	Sea surface height determination in the Arctic using Cryosat-2 SAR data from primary peak empirical retrackers. Advances in Space Research, 2015, 55, 40-50.	2.6	46
13	Multichannel surface clutter suppression: East Antarctica P-band SAR ice sounding in the presence of grating lobes. Annals of Glaciology, 2014, 55, 9-21.	1.4	12
14	Synthetic Aperture Radar Data Processing on an FPGA Multi-core System. Lecture Notes in Computer Science, 2013, , 74-85.	1.3	10
15	Tomographic SAR analysis of subsurface ice structure in Greenland: First results. , 2013, , .		5
16	Wideband Dual-Polarization Microstrip Patch Antenna Array for Airborne Ice Sounder. IEEE Antennas and Propagation Magazine, 2012, 54, 98-107.	1.4	27
17	Response of EyjafjallajÃ¶kull, TorfajÃ¶kull and TindfjallajÃ¶kull ice caps in Iceland to regional warming, deduced by remote sensing. Polar Research, 2011, 30, 7282.	1.6	25
18	300 GHz imaging with 8 meter stand-off distance and one-dimensional synthetic image reconstruction. Proceedings of SPIE, 2011, , .	0.8	5

#	ARTICLE	IF	CITATIONS
19	SAR focusing of P-band ice sounding data using back-projection. , 2010, , .		16
20	Ice sheet anisotropy measured with polarimetric ice sounding radar. , 2010, , .		16
21	A mul ti-element THz imaging system. , 2010, , .		1
22	Terahertz Imaging Systems With Aperture Synthesis Techniques. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 2027-2039.	4.6	95
23	Sea Ice Deformation State From Synthetic Aperture Radar Imageryâ€"Part II: Effects of Spatial Resolution and Noise Level. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 2197-2207.	6.3	14
24	Sea-Ice Deformation State From Synthetic Aperture Radar Imageryâ€"Part I: Comparison of C- and L-Band and Different Polarization. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 3610-3622.	6.3	47
25	SAR mapping of Burfellshraun: A terrestrial analog for recent volcanism on Mars. Journal of Geophysical Research, 2006, 111, .	3.3	5
26	The 20th century retreat of ice caps in Iceland derived from airborne SAR: W-VatnajÃ¶kull and N-MÃ½rdalsjÃ¶kull. Earth and Planetary Science Letters, 2005, 237, 508-515.	4.4	9
27	Volume changes of VatnajÃ¶kull ice cap, Iceland, due to surface mass balance, ice flow, and subglacial melting at geothermal areas. Geophysical Research Letters, 2005, 32, .	4.0	33
28	Topography and penetration of the Greenland Ice Sheet measured with Airborne SAR Interferometry. Geophysical Research Letters, 2001, 28, 1703-1706.	4.0	61
29	EMISAR: an absolutely calibrated polarimetric L- and C-band SAR. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1852-1865.	6.3	99
30	The Danish SAR system: design and initial tests. IEEE Transactions on Geoscience and Remote Sensing, 1991, 29, 417-426.	6.3	42