

Henning Skriver

List of Publications by Year in descending order

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34
papers

1,701
citations

471509

17
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	A test statistic in the complex wishart distribution and its application to change detection in polarimetric SAR data. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 4-19.	6.3	410
2	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
3	CFAR edge detector for polarimetric SAR images. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 20-32.	6.3	141
4	Multitemporal C- and L-band polarimetric signatures of crops. IEEE Transactions on Geoscience and Remote Sensing, 1999, 37, 2413-2429.	6.3	117
5	Crop Classification by Multitemporal C- and L-Band Single- and Dual-Polarization and Fully Polarimetric SAR. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 2138-2149.	6.3	117
6	Crop Classification Using Short-Revisit Multitemporal SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 423-431.	4.9	115
7	Random Forests as a tool for estimating uncertainty at pixel-level in SAR image classification. International Journal of Applied Earth Observation and Geoinformation, 2012, 19, 173-184.	2.8	88
8	Impact of Reducing Polarimetric SAR Input on the Uncertainty of Crop Classifications Based on the Random Forests Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4185-4200.	6.3	84
9	Short-Term Change Detection in Wetlands Using Sentinel-1 Time Series. Remote Sensing, 2016, 8, 795.	4.0	74
10	Determining the Points of Change in Time Series of Polarimetric SAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3007-3024.	6.3	69
11	Change detection for thematic mapping by means of airborne multitemporal polarimetric SAR imagery. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 618-636.	6.3	61
12	Change Detection in Full and Dual Polarization, Single- and Multifrequency SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4041-4048.	4.9	43
13	Optimization of Soil Hydraulic Model Parameters Using Synthetic Aperture Radar Data: An Integrated Multidisciplinary Approach. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 455-467.	6.3	38
14	Restoration of polarimetric SAR images using simulated annealing. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 2005-2016.	6.3	31
15	Statistical Analysis of Changes in Sentinel-1 Time Series on the Google Earth Engine. Remote Sensing, 2020, 12, 46.	4.0	30
16	A Convolutional Neural Network Architecture for Sentinel-1 and AMSR2 Data Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1890-1902.	6.3	27
17	Infrastructure assessment for disaster management using multi-sensor and multi-temporal remote sensing imagery. International Journal of Remote Sensing, 2011, 32, 8575-8594.	2.9	26
18	The Loewner Order and Direction of Detected Change in Sentinel-1 and Radarsat-2 Data. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 242-246.	3.1	14

#	ARTICLE	IF	CITATIONS
19	Visualization of and Software for Omnibus Test-Based Change Detected in a Time Series of Polarimetric SAR Data. Canadian Journal of Remote Sensing, 2017, 43, 582-592.	2.4	10
20	Change detection in multi-temporal dual polarization Sentinel-1 data. , 2017, , .		10
21	Complex Wishart Distribution Based Analysis of Polarimetric Synthetic Aperture Radar Data. , 2007, , .		7
22	Omnibus test for change detection in a time sequence of polarimetric SAR data. , 2016, , .		6
23	Test Statistics for Reflection Symmetry: Applications to Quad-Polarimetric SAR Data for Detection of Man-Made Structures. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2877-2890.	4.9	6
24	Change detection in a series of Sentinel-1 SAR data. , 2017, , .		4
25	Polarimetric Synthetic Aperture Radar Data and the Complex Wishart Distribution. Lecture Notes in Computer Science, 2003, , 1082-1089.	1.3	4
26	Signatures of polarimetric parameters and their implications on land cover classification. , 2007, , .		2
27	Sensitivity of Sentinel-1 Interferometric Coherence to Crop Structure and Soil Moisture. , 2019, , .		2
28	Wishart-Based Adaptive Temporal Filtering of Polarimetric SAR Imagery. Remote Sensing, 2020, 12, 2454.	4.0	2
29	Corrections to "Change Detection in Full and Dual Polarization, Single- and Multi-Frequency SAR Data" [Aug 15 4041-4048]. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 5143-5144.	4.9	1
30	Treaty Monitoring. , 2009, , 167-188.		1
31	Change detection in quad and dual pol, single- and bi-frequency SAR data. , 2015, , .		0
32	Combination of Wishart Test Statistics and Loewner Order for Change Detection in Quad/Full and Dual Polarization Sar Data. , 2021, , .		0
33	Change detection in a time series of polarimetric SAR data by an omnibus test statistic and its factorization (Conference Presentation). , 2016, , .		0
34	Change Detection in Single- and Multi-Look Polarimetric SAR Data. , 2020, , .		0