

# Cathleen E Jones

## List of Publications by Year in descending order

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27  
papers

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citations

516710

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610901

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all docs

34  
docs citations

34  
times ranked

958  
citing authors

#	ARTICLE	IF	CITATIONS
1	InSAR Phase Unwrapping Error Correction for Rapid Repeat Measurements of Water Level Change in Wetlands. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	8
2	Value of InSAR for Monitoring Land Subsidence to Support Water Management in the San Joaquin Valley, California. Journal of the American Water Resources Association, 2022, 58, 995-1001.	2.4	8
3	Thank You to Our 2021 Reviewers. Earth and Space Science, 2022, 9, .	2.6	0
4	Integrating Connectivity Into Hydrodynamic Models: An Automated Open-Source Method to Refine an Unstructured Mesh Using Remote Sensing. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	9
5	Adaptive Multilooping of Multitemporal Differential SAR Interferometric Data Stack Using Directional Statistics. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6706-6721.	6.3	10
6	Deep Learning for Mineral and Biogenic Oil Slick Classification With Airborne Synthetic Aperture Radar Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8455-8469.	6.3	15
7	Measuring Subsidence in California and Its Impact on Water Conveyance Infrastructure. Springer Remote Sensing/photogrammetry, 2021, , 211-226.	0.4	0
8	Classification of oil spill by thicknesses using multiple remote sensors. Remote Sensing of Environment, 2020, 236, 111421.	11.0	71
9	Oil-Spill-Response-Oriented Information Products Derived From a Rapid-Repeat Time Series of SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3448-3461.	4.9	23
10	The Impact of System Noise in Polarimetric SAR Imagery on Oil Spill Observations. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4194-4214.	6.3	20
11	Exploiting UAVSAR for a comprehensive analysis of subsidence in the Sacramento Delta. Remote Sensing of Environment, 2019, 220, 124-134.	11.0	20
12	SAR Imagery for Detecting Sea Surface Slicks: Performance Assessment of Polarization-Dependent Parameters. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4237-4257.	6.3	46
13	The effect of vertical mixing on the horizontal drift of oil spills. Ocean Science, 2018, 14, 1581-1601.	3.4	59
14	Effect of wind direction and incidence angle on polarimetric SAR observations of slicked and unslicked sea surfaces. Remote Sensing of Environment, 2018, 213, 73-91.	11.0	30
15	Experimental L-Band Airborne SAR for Oil Spill Response at Sea and in Coastal Waters. Sensors, 2018, 18, 641.	3.8	28
16	Analysis of Evolving Oil Spills in Full-Polarimetric and Hybrid-Polarity SAR. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4190-4210.	6.3	54
17	Coherent Microwave Scattering Model of Marsh Grass. Radio Science, 2017, 52, 1578-1595.	1.6	2
18	Factors and Processes Affecting Levee System Vulnerability. San Francisco Estuary and Watershed Science, 2016, 14, .	0.4	7

#	ARTICLE	IF	CITATIONS
19	A Multisensor Comparison of Experimental Oil Spills in Polarimetric SAR for High Wind Conditions. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4948-4961.	4.9	44
20	Anthropogenic and geologic influences on subsidence in the vicinity of New Orleans, Louisiana. Journal of Geophysical Research: Solid Earth, 2016, 121, 3867-3887.	3.4	81
21	Cross-Correlation Between Polarization Channels in SAR Imagery Over Oceanographic Features. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 997-1001.	3.1	20
22	Measurement and modeling of oil slick transport. Journal of Geophysical Research: Oceans, 2016, 121, 7759-7775.	2.6	75
23	Monitoring of subsidence with UAVSAR on Sherman Island in California's Sacramento-San Joaquin Delta. Remote Sensing of Environment, 2016, 181, 218-236.	11.0	12
24	Multi-frequency and polarimetric quantitative analysis of the Gulf of Mexico oil spill event comparing different SAR systems. Remote Sensing of Environment, 2016, 183, 26-42.	11.0	33
25	UAVSAR Polarimetric Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3481-3491.	6.3	109
26	Polarimetric Analysis of Backscatter From the Deepwater Horizon Oil Spill Using L-Band Synthetic Aperture Radar. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3812-3830.	6.3	198
27	First deformation results using the NASA/JPL UAVSAR instrument. , 2009, , .		36