

Martin Gade

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,168
citations

516710
16
h-index

434195
31
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65
all docs

65
docs citations

65
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine Oil Pollution in an Area of High Economic Use: Statistical Analyses of SAR Data from the Western Java Sea. Remote Sensing, 2022, 14, 880.	4.0	4
2	A Classification Scheme for Sediments and Habitats on Exposed Intertidal Flats with Multi-Frequency Polarimetric SAR. Remote Sensing, 2021, 13, 360.	4.0	5
3	SAR Remote Sensing of Marine Surface Films. , 2021, , .		0
4	Statistical analyses of eddies in the Western Mediterranean Sea based on Synthetic Aperture Radar imagery. Remote Sensing of Environment, 2020, 250, 112023.	11.0	12
5	SAR Monitoring of Coastal Changes in Intertidal Areas. , 2020, , .		0
6	Statistical Analyses of Marine Oil Pollution in a Sea Region of High Economic Use: The Western Java Sea. , 2020, , .		0
7	MDPI Oceans: A New Publication Channel for Open Access Science Focused on the Ocean. Oceans, 2019, 1, 1-5.	1.3	1
8	Observing the German Wadden Sea â€“ A New Approach to Distinguish Sediments and Habitats Using Alos-2 Palsar-2 Data. , 2019, , .		0
9	Longterm Release of Oil from a Wreck in the Black Sea Monitored by Spaceborne SAR. , 2019, , .		1
10	An Introduction to Microwave Remote Sensing of the Asian Seas. , 2019, , 81-101.		5
11	Using SAR Data for an Assessment of the Indonesian Coastal Environment. , 2019, , 341-357.		1
12	On the imaging of exposed intertidal flats by single- and dual-co-polarization Synthetic Aperture Radar. Remote Sensing of Environment, 2018, 205, 315-328.	11.0	23
13	Imaging Exposed Intertidal Flats Using Multi-Polarization Synthetic Aperture Radar. , 2018, , .		0
14	Statistical Analysis of Eddies in the Western Mediterranean Based on Multiple SAR Imagery. , 2018, , .		1
15	A Fully Polarimetric SAR Imagery Classification Scheme for Mud and Sand Flats in Intertidal Zones. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1734-1742.	6.3	33
16	An assessment of marine oil pollution in Indonesia based on SAR imagery. , 2017, , .		1
17	Detection of Bivalve Beds on Exposed Intertidal Flats Using Polarimetric SAR Indicators. Remote Sensing, 2017, 9, 1047.	4.0	8
18	SAR Imaging of Archaeological Sites on Intertidal Flats in the German Wadden Sea. Geosciences (Switzerland), 2017, 7, 105.	2.2	11

#	ARTICLE	IF	CITATIONS
19	A new approach to use dual-polarized SAR imagery for the detection of bivalve beds on exposed intertidal flats. , 2017, , .		0
20	An Assessment of the Indonesian Coastal Environment based on SAR imagery. , 2016, , .		1
21	Eddies in the Western Mediterranean Seen by spaceborne radar. , 2016, , .		4
22	Remotely sensing the German Wadden Sea—a new approach to address national and international environmental legislation. Environmental Monitoring and Assessment, 2016, 188, 595.	2.7	24
23	A polarimetric radar view at exposed intertidal flats. , 2016, , .		0
24	Improved statistics of sub-mesoscale eddies in the Baltic Sea retrieved from SAR imagery. International Journal of Remote Sensing, 2016, 37, 2394-2414.	2.9	41
25	Joint use of multiple Synthetic Aperture Radar imagery for the detection of bivalve beds and morphological changes on intertidal flats. Estuarine, Coastal and Shelf Science, 2016, 171, 1-10.	2.1	17
26	SAR imaging of archeological sites on dry-fallen intertidal flats in the German Wadden Sea. , 2015, , .		0
27	Analysis of sub-mesoscale eddies in the Baltic Sea based on SAR imagery and model wind data. , 2015, , .		2
28	The German Operational Monitoring System in the North Sea: Sensors, Methods and Example Data. Handbook of Environmental Chemistry, 2015, , 161-192.	0.4	2
29	Multi-polarization scatterometer measurements of long surface gravity wave breaking. , 2014, , .		0
30	Detecting and tracking small scale eddies in the black sea and the Baltic Sea using high-resolution Radarsat-2 and TerraSAR-X imagery (DTeddie). , 2014, , .		3
31	The use of high-resolution Radarsat-2 and Terrasar-X imagery to monitor dry-fallen intertidal flats. , 2014, , .		1
32	Multi-frequency SAR data help improving the monitoring of intertidal flats on the German North Sea coast. Estuarine, Coastal and Shelf Science, 2014, 140, 32-42.	2.1	52
33	Eddies in the Red Sea as seen by Satellite SAR Imagery. , 2014, , 357-378.		11
34	From multi-sensor tracking of sea surface films to mesoscale and sub-mesoscale sea surface current fields. Proceedings of SPIE, 2013, , .	0.8	2
35	Slicks as Indicators for Marine Processes. Oceanography, 2013, 26, .	1.0	35
36	Mesoscale surface current fields in the Baltic Sea derived from multi-sensor satellite data. International Journal of Remote Sensing, 2012, 33, 3122-3146.	2.9	16

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37	The German Operational Monitoring System in the Baltic Sea: Sensors, Methods and Example Data. Handbook of Environmental Chemistry, 2012, , 65-84.	0.4	2
38	A knowledge based framework for the detection of measurement uncertainties in derived sea surface current fields. , 2010, , .		0
39	The use of spatial constraints in the derivation of mesoscale sea surface current fields from multi-sensor satellite data. , 2010, , .		1
40	Multi ³ Scatâ€”A Helicopter-Based Scatterometer for Snow-Cover and Sea-Ice Investigations. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 703-707.	3.1	5
41	Classification of sediments on exposed tidal flats in the German Bight using multi-frequency radar data. Remote Sensing of Environment, 2008, 112, 1603-1613.	11.0	62
42	Relating Microwave Modulation to Microbreaking Observed in Infrared Imagery. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 364-367.	3.1	3
43	Multi-Sensor Observations of Meso-Scale Features in European Coastal Waters. , 2008, , 463-474.		15
44	Retrieval of thin-ice thickness using the L-band polarization ratio measured by the helicopter-borne scatterometer Heliscat. Annals of Glaciology, 2006, 44, 275-280.	1.4	8
45	On the imaging of biogenic and anthropogenic surface films on the sea by radar sensors. , 2006, , 189-204.		17
46	Laboratory measurements of artificial rain impinging on slick-free and slick-covered water surfaces. , 2006, , 145-156.		0
47	New chemical insights into the structure and morphology of sea slicks and their geophysical interpretations. , 2006, , 37-44.		0
48	Clean seas: a North Sea test site. International Journal of Remote Sensing, 2004, 25, 1341-1347.	2.9	0
49	Multisensor monitoring of plume dynamics in the northwestern Mediterranean Sea. Journal of Coastal Conservation, 2003, 9, 91.	1.6	5
50	Multisensor monitoring of plume dynamics in the northwestern Mediterranean Sea. Journal of Coastal Conservation, 2003, 9, 91-96.	1.6	0
51	Simultaneous observations of rain cells over the ocean by the synthetic aperture radar aboard the ERS satellites and by surface-based weather radars. Journal of Geophysical Research, 2001, 106, 4665-4677.	3.3	59
52	The observation of seiches in the Baltic Sea using a multi data set of water levels. Journal of Marine Systems, 2000, 24, 67-84.	2.1	30
53	Using ERS-2 SAR images for routine observation of marine pollution in European coastal waters. Science of the Total Environment, 1999, 237-238, 441-448.	8.0	94
54	On the Reduction of the Radar Backscatter by Oceanic Surface Films. Remote Sensing of Environment, 1998, 66, 52-70.	11.0	109

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55	Wind wave tank measurements of wave damping and radar cross sections in the presence of monomolecular surface films. Journal of Geophysical Research, 1998, 103, 3167-3178.	3.3	30
56	Imaging of biogenic and anthropogenic ocean surface films by the multifrequency/multipolarization SIR-C/X-SAR. Journal of Geophysical Research, 1998, 103, 18851-18866.	3.3	190
57	Wind-wave tank measurements of bound and freely propagating short gravity-capillary waves. Journal of Geophysical Research, 1998, 103, 21697-21709.	3.3	38
58	Investigation of multifrequency/multipolarization radar signatures of rain cells over the ocean using SIR-C/X-SAR data. Journal of Geophysical Research, 1998, 103, 18867-18884.	3.3	100
59	Imaging of biogenic and anthropogenic ocean surface films by the multifrequency/multipolarization SIR-C/X-SAR. Journal of Geophysical Research, 1998, 103, 18851-18866.	3.3	78
60	A NEW SAR CLASSIFICATION SCHEME FOR SEDIMENTS ON INTERTIDAL FLATS BASED ON MULTI-FREQUENCY POLARIMETRIC SAR IMAGERY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W2, 223-228.	0.2	2
61	ARCHAEOLOGICAL SURVEYS ON THE GERMAN NORTH SEA COAST USING HIGH-RESOLUTION SYNTHETIC APERTURE RADAR DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W2, 65-69.	0.2	0
62	OIL POLLUTION IN INDONESIAN WATERS: COMBINING STATISTICAL ANALYSES OF ENVISAT ASAR AND SENTINEL-1A C-SAR DATA WITH NUMERICAL TRACER MODELLING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W2, 71-77.	0.2	2