

# Shridhar Jawak

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

661  
citations

687220

13  
h-index

580701

25  
g-index

53  
all docs

53  
docs citations

53  
times ranked

660  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Synoptic Review on Deriving Bathymetry Information Using Remote Sensing Technologies: Models, Methods and Comparisons. <i>Advances in Remote Sensing</i> , 2015, 04, 147-162.	0.2	85
2	A Review on Extraction of Lakes from Remotely Sensed Optical Satellite Data with a Special Focus on Cryospheric Lakes. <i>Advances in Remote Sensing</i> , 2015, 04, 196-213.	0.2	60
3	A spectral index ratio-based Antarctic land-cover mapping using hyperspatial 8-band WorldView-2 imagery. <i>Polar Science</i> , 2013, 7, 18-38.	0.5	58
4	A Comprehensive Evaluation of PAN-Sharpener Algorithms Coupled with Resampling Methods for Image Synthesis of Very High Resolution Remotely Sensed Satellite Data. <i>Advances in Remote Sensing</i> , 2013, 02, 332-344.	0.2	56
5	A Comprehensive Review on Pixel Oriented and Object Oriented Methods for Information Extraction from Remotely Sensed Satellite Images with a Special Emphasis on Cryospheric Applications. <i>Advances in Remote Sensing</i> , 2015, 04, 177-195.	0.2	51
6	Improved land cover mapping using high resolution multiangle 8-band WorldView-2 satellite remote sensing data. <i>Journal of Applied Remote Sensing</i> , 2013, 7, 073573.	0.6	45
7	A Rapid Extraction of Water Body Features from Antarctic Coastal Oasis Using Very High-Resolution Satellite Remote Sensing Data. <i>Aquatic Procedia</i> , 2015, 4, 125-132.	0.9	33
8	A Semiautomatic Extraction of Antarctic Lake Features Using Worldview-2 Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , 2014, 80, 939-952.	0.3	28
9	Very high-resolution satellite data for improved land cover extraction of Larsemann Hills, Eastern Antarctica. <i>Journal of Applied Remote Sensing</i> , 2013, 7, 073460.	0.6	24
10	Semiautomated Detection and Mapping of Vegetation Distribution in the Antarctic Environment Using Spatial-Spectral Characteristics of WorldView-2 Imagery. <i>Remote Sensing</i> , 2019, 11, 1909.	1.8	22
11	Spectral Information Analysis for the Semiautomatic Derivation of Shallow Lake Bathymetry Using High-resolution Multispectral Imagery: A Case Study of Antarctic Coastal Oasis. <i>Aquatic Procedia</i> , 2015, 4, 1331-1338.	0.9	20
12	A Review on Applications of Imaging Synthetic Aperture Radar with a Special Focus on Cryospheric Studies. <i>Advances in Remote Sensing</i> , 2015, 04, 163-175.	0.2	17
13	Evaluation of Geospatial Tools for Generating Accurate Glacier Velocity Maps from Optical Remote Sensing Data. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	16
14	Synergistic use of multitemporal RAMP, ICESat and GPS to construct an accurate DEM of the Larsemann Hills region, Antarctica. <i>Advances in Space Research</i> , 2012, 50, 457-470.	1.2	14
15	Iterative Spectral Index Ratio Exploration for Object-based Image Analysis of Antarctic Coastal Oasis Using High Resolution Satellite Remote Sensing Data. <i>Aquatic Procedia</i> , 2015, 4, 157-164.	0.9	14
16	Explorative Study on Mapping Surface Facies of Selected Glaciers from Chandra Basin, Himalaya Using WorldView-2 Data. <i>Remote Sensing</i> , 2019, 11, 1207.	1.8	14
17	Combined Use of Aerial Photogrammetry and Terrestrial Laser Scanning for Detecting Geomorphological Changes in Hornsund, Svalbard. <i>Remote Sensing</i> , 2022, 14, 601.	1.8	11
18	Impact of Image-Processing Routines on Mapping Glacier Surface Facies from Svalbard and the Himalayas Using Pixel-Based Methods. <i>Remote Sensing</i> , 2022, 14, 1414.	1.8	11

#	ARTICLE	IF	CITATIONS
19	SIOSS™s Earth Observation (EO), Remote Sensing (RS), and Operational Activities in Response to COVID-19. Remote Sensing, 2021, 13, 712.	1.8	10
20	Synergetic merging of Cartosat-1 and RAMP to generate improved digital elevation model of Schirmacher oasis, east Antarctica. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 517-524.	0.2	9
21	Validation of High-Density Airborne LiDAR-Based Feature Extraction Using Very High Resolution Optical Remote Sensing Data. Advances in Remote Sensing, 2013, 02, 297-311.	0.2	8
22	Estimation of Velocity of the Polar Record Glacier, Antarctica Using Synthetic Aperture Radar (SAR). Proceedings (mdpi), 2018, 2, 332.	0.2	5
23	Exploration of Glacier Surface Facies Mapping Techniques Using Very High Resolution Worldview-2 Satellite Data. Proceedings (mdpi), 2018, 2, 339.	0.2	5
24	Mixotrophic plankton and Synechococcus distribution in waters around Svalbard, Norway during June 2019. Polar Science, 2021, , 100697.	0.5	5
25	SEASONAL COMPARISON OF VELOCITY OF THE EASTERN TRIBUTARY GLACIERS, AMERY ICE SHELF, ANTARCTICA, USING SAR OFFSET TRACKING. Plant Systematics and Evolution, 0, IV-2/W5, 595-600.	0.3	5
26	High-resolution multispectral satellite imagery for extracting bathymetric information of Antarctic shallow lakes. Proceedings of SPIE, 2016, , .	0.8	4
27	Hidden biogeochemical anomalies under Antarctic fast ice. Regional Studies in Marine Science, 2019, 31, 100789.	0.4	4
28	COMPARISON OF PIXEL AND OBJECT-BASED CLASSIFICATION TECHNIQUES FOR GLACIER FACIES EXTRACTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 543-548.	0.2	3
29	EXTRACTION OF BLUE ICE AREA USING ALBEDO VALUE DERIVED FROM LANDSAT-8 SATELLITE DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 549-552.	0.2	3
30	Enhanced Urban Landcover Classification for Operational Change Detection Study Using Very High Resolution Remote Sensing Data. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 773-779.	0.2	3
31	CHANGES IN VELOCITY OF FISHER GLACIER, EAST ANTARCTICA USING PIXEL TRACKING METHOD. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 537-541.	0.2	3
32	MAPPING VELOCITY OF THE POTSDAM GLACIER, EAST ANTARCTICA USING LANDSAT-8 DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W13, 1753-1757.	0.2	3
33	Implementing an object-based multi-index protocol for mapping surface glacier facies from Chandra-Bhaga basin, Himalaya. Czech Polar Reports, 2019, 9, 125-140.	0.2	3
34	Geospatial mapping of Antarctic coastal oasis using geographic object-based image analysis and high resolution satellite imagery. , 2016, , .		2
35	Object-oriented feature extraction approach for mapping supraglacial debris in Schirmacher Oasis using very high-resolution satellite data. , 2016, , .		2
36	Semi-automatic extraction of supra-glacial features using fuzzy logic approach for object-oriented classification on WorldView-2 imagery. , 2016, , .		1

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37	Geospatial mapping of vegetation in the Antarctic environment using very high-resolution WorldView-2 imagery. Proceedings of SPIE, 2016, , .	0.8	1
38	Airborne LIDAR and high resolution satellite data for rapid 3D feature extraction. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 573-580.	0.2	1
39	Coast of Eastern Antarctica as the source of atmospheric mercury during austral summer. Atmospheric Pollution Research, 2021, 12, 101226.	1.8	1
40	Exploratory normalized difference water indices for semi-automated extraction of Antarctic lake features. Proceedings of SPIE, 2016, , .	0.8	0
41	Generation of a precise DEM by interactive synthesis of multi-temporal elevation datasets: a case study of Schirmacher Oasis, East Antarctica. , 2016, , .		0
42	C-band RISAT-1 imagery for geospatial mapping of cryospheric surface features in the Antarctic environment. , 2016, , .		0
43	Multisource classification and pattern recognition methods for polar geospatial information mining using WorldView-2 data. , 2016, , .		0
44	Application of high-resolution multispectral data for mapping blue ice areas in the Antarctic environment. Proceedings of SPIE, 2016, , .	0.8	0
45	Synergistic object-based multi-class feature extraction in urban landscape using airborne LiDAR data. Spatial Information Research, 2018, 26, 483-496.	1.3	0
46	Detection of iceberg calving events in Prydz Bay, East Antarctica during 2013 â€“ 2015 using LISS-IV/IRS-P6 satellite data. Czech Polar Reports, 2018, 8, 275-285.	0.2	0
47	SPATIOTEMPORAL CHANGES IN VELOCITY OF MELLOR GLACIER, EAST ANTARCTICA USING LANDSAT-8 DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 787-789.	0.2	0
48	SYNOPTIC OBSERVATIONS OF CALVING EVENTS IN ANTARCTICA USING SPACEBORNE IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5, 531-536.	0.2	0
49	Seasonal glacier surface velocity fluctuation and contribution of the Eastern and Western Tributary Glaciers in Amery Ice Shelf, East Antarctica. Czech Polar Reports, 2019, 9, 49-60.	0.2	0