

# A Bannari

## List of Publications by Year in descending order

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41  
papers

1,683  
citations

840776

11  
h-index

940533

16  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2041  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation and Comparison of Physical Models for Soil Salinity Mapping over an Arid Landscape Using Spectral Reflectance Measurements and Landsat-OLI Data. <i>Remote Sensing</i> , 2021, 13, 494.	4.0	13
2	Multi-Temporal Changes Analysis of Natural Vegetation Cover Using Serial NDVI and Metric Indices: Case of Tlemcen National Park (Northwest of Algeria). , 2021, , .		0
3	Multi-Scale Analysis of DEMs Derived from Unmanned Aerial Vehicle (UAV) in Precision Agriculture Context. , 2021, , .		3
4	Potential of Spectral Indices for Halophyte Vegetation Cover Detection in Arid and Salt-Affected Landscape. , 2021, , .		2
5	Evaluating Land Surface Moisture Conditions Before and After Flash-Flood Storm from Optical and Thermal Data: Models Comparison and Validation. , 2020, , .		0
6	Synergy Between Sentinel-MSI and Landsat-OLI to Support High Temporal Frequency for Soil Salinity Monitoring in an Arid Landscape. , 2019, , 67-93.		3
7	Physical Models for Soil Salinity Mapping Over Arid Landscape Using Landsat-Oli and Field Data: Validation and Comparison. , 2019, , .		0
8	Mapping Submerged Aquatic Vegetation in Shallow Water of Arabian Gulf Using Water Spectral Indices, Field Observations and Landsat-OLI Data. , 2019, , .		1
9	Potential of Landsat-Oli for Seagrass and Algae Species Detection and Discrimination in Bahrain National Water Using Spectral Reflectance. , 2018, , .		0
10	Water stress detection as an indicator of red palm weevil attack using worldview-3 data. , 2017, , .		5
11	Hyperspectral chlorophyll indices sensitivity analysis to soil backgrounds in agricultural applications using field, Probe-1 and Hyperion data. , 2016, , .		0
12	Biophysiological spectral indices retrieval and statistical analysis for red palm weevil stress attack prediction using Worldview-3 data. , 2016, , .		2
13	Validation of LMSA and SAM for geological mapping: Comparative study among BGIS-2000, TM and ASTER. , 2015, , 173-178.		0
14	Statistical properties of soil moisture images derived from Radarsat-1 SAR data. <i>International Journal of Remote Sensing</i> , 2011, 32, 5443-5460.	2.9	5
15	Potentiels et limites des indices spectraux pour caractÃ©riser la dÃ©gradation des sols en milieu semi-aride. <i>Canadian Journal of Remote Sensing</i> , 2011, 37, 285-301.	2.4	15
16	Characterization of Slightly and Moderately Saline and Sodic Soils in Irrigated Agricultural Land using Simulated Data of Advanced Land Imaging (EOÃ©) Sensor. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 2795-2811.	1.4	122
17	CaractÃ©risation gÃ©ostatistique de la variabilitÃ© spatiale de lâ€™humiditÃ© du sol Ã lâ€™aide des cartes dÃ©rivÃ©es des donnÃ©es radar Ã synthÃ©se dÃ©ouverture de RADARSAT-1. <i>Canadian Journal of Remote Sensing</i> , 2008, 34, 376-389.	2.4	13
18	Hyperspectral Data Segmentation and Classification in Precision Agriculture: A Multi-Scale Analysis. , 2008, , .		34

#	ARTICLE	IF	CITATIONS
19	Potential of Hyperion EO-1 hyperspectral data for wheat crop chlorophyll content estimation. Canadian Journal of Remote Sensing, 2008, 34, S139-S157.	2.4	22
20	Deriving percent crop cover over agriculture canopies using hyperspectral remote sensing. Canadian Journal of Remote Sensing, 2008, 34, S110-S123.	2.4	11
21	Remote sensing of crop residue using hyperion (EO-1) data. , 2007, , .		6
22	Spatial distribution mapping of vegetation cover in urban environment using tdvi for quality of life monitoring. , 2007, , .		9
23	Wheat Crop Chlorophyll Content Estimation From Ground-Based Reflectance Using Chlorophyll Indices. , 2006, , .		4
24	Spectral Simulations of Vegetation Indices in the Context of Landsat Data Continuity. , 2006, , .		2
25	Sensitivity Analysis of Chlorophyll Indices to Soil Optical Properties Using Ground-Reflectance Data. , 2006, , .		5
26	Spatial Characterization of Soil Moisture Using SAR Data. , 2006, , .		0
27	Estimating and mapping crop residues cover on agricultural lands using hyperspectral and IKONOS data. Remote Sensing of Environment, 2006, 104, 447-459.	11.0	124
28	Potential of Getis statistics to characterize the radiometric uniformity and stability of test sites used for the calibration of Earth observation sensors. IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 2918-2926.	6.3	38
29	Intérêt du moyen infrarouge pour la cartographie des résidus de cultures. Canadian Journal of Remote Sensing, 2000, 26, 384-393.	2.4	19
30	Nécessité de l'étalonnage radiométrique et standardisation des images numériques de télédétection. Canadian Journal of Remote Sensing, 1999, 25, 45-59.	2.4	21
31	Analyse de l'apport de deux indices de végétation à la classification dans les milieux agricoles. Canadian Journal of Remote Sensing, 1998, 24, 233-239.	2.4	2
32	The necessity of exterior orientation parameters for the rigorous geometric correction of MEISAR airborne digital images. International Journal of Remote Sensing, 1997, 16, 135-156.	1.0	10
33	Effets de la couleur et de la brillance du sol sur les indices de végétation. International Journal of Remote Sensing, 1996, 17, 1885-1906.	2.9	55
34	A theoretical review of different mathematical models of geometric corrections applied to remote sensing images. International Journal of Remote Sensing, 1995, 13, 27-47.	1.0	40
35	A review of vegetation indices. International Journal of Remote Sensing, 1995, 13, 95-120.	1.0	1,014
36	Hyperspectral narrow-wavebands for discriminating crop residue from bare soil. , 0, , .		1

#	ARTICLE	IF	CITATIONS
37	Transformed difference vegetation index (TDVI) for vegetation cover mapping. , 0, , .		60
38	Senescent vegetation and crop residue mapping in agricultural lands using artificial neural networks and hyperspectral remote sensing. , 0, , .		2
39	Spectroradiometric analysis in a hyperspectral use perspective to discriminate between forest species. , 0, , .		3
40	Characterization of the state of soil degradation by erosion using the hue and coloration indices. , 0, , .		1
41	Mapping Slight and Moderate Saline Soils in Irrigated Agricultural Land Using Advanced Land Imager Sensor (EO-1) Data and Semi-Empirical Models. Communications in Soil Science and Plant Analysis, 0, , .	1.4	16