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	A review of vegetation indices. International Journal of Remote Sensing, 1995, 13, 95-120.	1.0	1,014
2	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
3	Characterization of Slightly and Moderately Saline and Sodic Soils in Irrigated Agricultural Land using Simulated Data of Advanced Land Imaging (EOâ€1) Sensor. Communications in Soil Science and Plant Analysis, 2008, 39, 2795-2811.	1.4	122
4	Transformed difference vegetation index (TDVI) for vegetation cover mapping. , 0, , .		60
5	Effets de la couleur et de la brillance du sol sur les indices de vÃ©gÃ©tation. International Journal of Remote Sensing, 1996, 17, 1885-1906.	2.9	55
6	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
7	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
8	Hyperspectral Data Segmentation and Classification in Precision Agriculture: A Multi-Scale Analysis. , 2008, , .		34
9	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
10	NÃ©cessitÃ de l'Ã©talonnage radiomÃ©trique et standardisation des images numÃ©riques de tÃ©lÃ©dÃ©tection. Canadian Journal of Remote Sensing, 1999, 25, 45-59.	2.4	21
11	IntÃ©rÃªt du moyen infrarouge pour la cartographie des rÃ©sidus de cultures. Canadian Journal of Remote Sensing, 2000, 26, 384-393.	2.4	19
12	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
13	Potentiels et limites des indices spectraux pour caractÃ©riser la dÃ©gradation des sols en milieu semi-aride. Canadian Journal of Remote Sensing, 2011, 37, 285-301.	2.4	15
14	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 dâ€™ouverture de RADARSAT-1. Canadian Journal of Remote Sensing, 2008, 34, 376-389.	2.4	13
15	Validation and Comparison of Physical Models for Soil Salinity Mapping over an Arid Landscape Using Spectral Reflectance Measurements and Landsat-OLI Data. Remote Sensing, 2021, 13, 494.	4.0	13
16	Deriving percent crop cover over agriculture canopies using hyperspectral remote sensing. Canadian Journal of Remote Sensing, 2008, 34, S110-S123.	2.4	11
17	The necessity of exterior orientation parameters for the rigorous geometric correction of MEISâ€II airborne digital images. International Journal of Remote Sensing, 1997, 16, 135-156.	1.0	10
18	Spatial distribution mapping of vegetation cover in urban environment using tdvi for quality of life monitoring. , 2007, , .		9

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19	Remote sensing of crop residue using hyperion (EO-1) data. , 2007, , .		6
20	Sensitivity Analysis of Chlorophyll Indices to Soil Optical Properties Using Ground-Reflectance Data. , 2006, , .		5
21	Statistical properties of soil moisture images derived from Radarsat-1 SAR data. International Journal of Remote Sensing, 2011, 32, 5443-5460.	2.9	5
22	Water stress detection as an indicator of red palm weevil attack using worldview-3 data. , 2017, , .		5
23	Wheat Crop Chlorophyll Content Estimation From Ground-Based Reflectance Using Chlorophyll Indices. , 2006, , .		4
24	Spectroradiometric analysis in a hyperspectral use perspective to discriminate between forest species. , 0, , .		3
25	Synergy Between Sentinel-MSI and Landsat-OLI to Support High Temporal Frequency for Soil Salinity Monitoring in an Arid Landscape. , 2019, , 67-93.		3
26	Multi-Scale Analysis of DEMs Derived from Unmanned Aerial Vehicle (UAV) in Precision Agriculture Context. , 2021, , .		3
27	Analyse de l'apport de deux indices de vÃ©gÃ©tation Ã la classification dans les milieux hÃ©tÃ©rogÃ¨nes. Canadian Journal of Remote Sensing, 1998, 24, 233-239.	2.4	2
28	Senescent vegetation and crop residue mapping in agricultural lands using artificial neutral networks and hyperspectral remote sensing. , 0, , .		2
29	Spectral Simulations of Vegetation Indices in the Context of Landsat Data Continuity. , 2006, , .		2
30	Biophysiological spectral indices retrieval and statistical analysis for red palm weevil stressattack prediction using Worldview-3 data. , 2016, , .		2
31	Potionential of Spectral Indices for Halophyte Vegetation Cover Detection in Arid and Salt-Affected Landscape. , 2021, , .		2
32	Hyperspectal narrow-wavebands for discriminating crop residue from bare soil. , 0, , .		1
33	Characterization of the state of soil degradation by erosion using the hue and coloration indices. , 0, , .		1
34	Mapping Submerged Aquatic Vegetation in Shallow Water of Arabian Gulf Using Water Spectral Indices, Field Observations and Landsat-OLI Data. , 2019, , .		1
35	Spatial Characterization of Soil Moisture Using SAR Data. , 2006, , .		0
36	Hyperspectral chlorophyll indices sensitivity analysis to soil backgrounds in agrirultural aplications using field, Probe-1 and Hyperion data. , 2016, , .		0

#	Article	IF	Citations
37	Potential of Landsat-Oli for Seagrass and Algae Species Detection and Discrimination in Bahrain National Water Using Spectral Reflectance. , 2018, , .		0
38	Physical Models for Soil Salinity Mapping Over Arid Landscape Using Landsat-Oli and Field Data: Validation and Comparison. , 2019, , .		0
39	Multi-Temporal Changes Analysis of Natural Vegetation Cover Using Serial NDVI and Metric Indices: Case of Tlemcen National Park (Northwest of Algeria). , 2021, , .		0
40	Validation of LMSA and SAM for geological mapping: Comparative study among BGIS-2000, TM and ASTER. , 2015, , 173-178.		0
41	Evaluating Land Surface Moisture Conditions Before and After Flash-Flood Storm from Optical and Thermal Data: Models Comparison and Validation. , 2020, , .		0