

John M Kovacs

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,820
citations

186209

28
h-index

233338

45
g-index

49
all docs

49
docs citations

49
times ranked

4861
citing authors

#	ARTICLE	IF	CITATIONS
1	Extrapolating canopy phenology information using Sentinel-2 data and the Google Earth Engine platform to identify the optimal dates for remotely sensed image acquisition of semiarid mangroves. <i>Journal of Environmental Management</i> , 2021, 279, 111617.	3.8	38
2	Identifying seasonal spatial patterns of crime in a small northern city. <i>Crime Science</i> , 2021, 10, .	1.4	8
3	Modeling tidal hydrodynamic changes induced by the opening of an artificial inlet within a subtropical mangrove dominated estuary. <i>Wetlands Ecology and Management</i> , 2020, 28, 103-118.	0.7	12
4	Detection of Crop Seeding and Harvest through Analysis of Time-Series Sentinel-1 Interferometric SAR Data. <i>Remote Sensing</i> , 2020, 12, 1551.	1.8	42
5	Using RapidEye imagery to identify within-field variability of crop growth and yield in Ontario, Canada. <i>Precision Agriculture</i> , 2019, 20, 1231-1250.	3.1	15
6	Assessment of red-edge vegetation indices for crop leaf area index estimation. <i>Remote Sensing of Environment</i> , 2019, 222, 133-143.	4.6	188
7	Tracking crop phenological development using multi-temporal polarimetric Radarsat-2 data. <i>Remote Sensing of Environment</i> , 2018, 210, 508-518.	4.6	101
8	Discrimination of 3 dominant mangrove species from the Pacific coast of Mexico by spectroscopy on intact leaves. <i>Ciencias Marinas</i> , 2018, 44, 185-202.	0.4	3
9	The use of unmanned aerial systems (UASs) in precision agriculture. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 107-128.	0.1	0
10	Large-scale dieback of mangroves in Australia. <i>Marine and Freshwater Research</i> , 2017, 68, 1816.	0.7	226
11	Visual analytics and remote sensing imagery to support community-based research for precision agriculture in emerging areas. <i>Computers and Electronics in Agriculture</i> , 2017, 143, 149-164.	3.7	32
12	Adoption of Web-Based Spatial Tools by Agricultural Producers: Conversations with Seven Northeastern Ontario Farmers Using the GeoVisage Decision Support System. <i>Agriculture (Switzerland)</i> , 2017, 7, 69.	1.4	4
13	Assessing the Options to Improve Regional Wheat Yield in Eastern Canada Using the CSMâ€CERESâ€Wheat Model. <i>Agronomy Journal</i> , 2017, 109, 510-523.	0.9	17
14	Examining the Influence of Seasonality, Condition, and Species Composition on Mangrove Leaf Pigment Contents and Laboratory Based Spectroscopy Data. <i>Remote Sensing</i> , 2016, 8, 226.	1.8	22
15	Evaluation of the CSMâ€CROPGROâ€Canola Model for Simulating Canola Growth and Yield at West Nipissing in Eastern Canada. <i>Agronomy Journal</i> , 2016, 108, 575-584.	0.9	24
16	Mapping spatial variability of crop growth conditions using RapidEye data in Northern Ontario, Canada. <i>Remote Sensing of Environment</i> , 2015, 168, 113-125.	4.6	52
17	Agricultural Monitoring in Northeastern Ontario, Canada, Using Multi-Temporal Polarimetric RADARSAT-2 Data. <i>Remote Sensing</i> , 2014, 6, 2343-2371.	1.8	45
18	Multi-Temporal Polarimetric RADARSAT-2 for Land Cover Monitoring in Northeastern Ontario, Canada. <i>Remote Sensing</i> , 2014, 6, 2372-2392.	1.8	37

#	ARTICLE	IF	CITATIONS
19	Separating Mangrove Species and Conditions Using Laboratory Hyperspectral Data: A Case Study of a Degraded Mangrove Forest of the Mexican Pacific. <i>Remote Sensing</i> , 2014, 6, 11673-11688.	1.8	41
20	Separating Crop Species in Northeastern Ontario Using Hyperspectral Data. <i>Remote Sensing</i> , 2014, 6, 925-945.	1.8	39
21	Object-oriented crop mapping and monitoring using multi-temporal polarimetric RADARSAT-2 data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 96, 38-46.	4.9	155
22	Changes in the Hydrological Regime of Coastal Lagoons Affect Mangroves and Small Scale Fisheries: The Case of the Mangrove-Estuarine Complex of Marismas Nacionales (Pacific Coast of Mexico). <i>Estuaries of the World</i> , 2014, , 81-91.	0.1	7
23	Applications of Low Altitude Remote Sensing in Agriculture upon Farmers' Requests—A Case Study in Northeastern Ontario, Canada. <i>PLoS ONE</i> , 2014, 9, e112894.	1.1	60
24	The influence of seasonality in estimating mangrove leaf chlorophyll-a content from hyperspectral data. <i>Wetlands Ecology and Management</i> , 2013, 21, 193-207.	0.7	36
25	Applications of ALOS PALSAR for monitoring biophysical parameters of a degraded black mangrove (<i>Avicennia germinans</i>) forest. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013, 82, 102-111.	4.9	33
26	Assessing relationships between Radarsat-2 C-band and structural parameters of a degraded mangrove forest. <i>International Journal of Remote Sensing</i> , 2013, 34, 7002-7019.	1.3	16
27	An object-oriented classification method for mapping mangroves in Guinea, West Africa, using multipolarized ALOS PALSAR L-band data. <i>International Journal of Remote Sensing</i> , 2013, 34, 563-586.	1.3	34
28	Tracking crop phenological development of spring wheat using synthetic aperture radar (SAR) in northern Ontario, Canada. , 2013, , .		4
29	Assessing the Utility of a Portable Pocket Instrument for Estimating Seasonal Mangrove Leaf Chlorophyll Contents. <i>Bulletin of Marine Science</i> , 2013, 89, 621-633.	0.4	11
30	Relationship between Hyperspectral Measurements and Mangrove Leaf Nitrogen Concentrations. <i>Remote Sensing</i> , 2013, 5, 891-908.	1.8	60
31	Spectral response to varying levels of leaf pigments collected from a degraded mangrove forest. <i>Journal of Applied Remote Sensing</i> , 2012, 6, 063501.	0.6	27
32	The application of small unmanned aerial systems for precision agriculture: a review. <i>Precision Agriculture</i> , 2012, 13, 693-712.	3.1	1,255
33	Seasonal changes in leaf chlorophyll a content and morphology in a sub-tropical mangrove forest of the Mexican Pacific. <i>Marine Ecology - Progress Series</i> , 2012, 444, 57-68.	0.9	37
34	A field based statistical approach for validating a remotely sensed mangrove forest classification scheme. <i>Wetlands Ecology and Management</i> , 2011, 19, 409-421.	0.7	22
35	An Assessment of Mangroves in Guinea, West Africa, Using a Field and Remote Sensing Based Approach. <i>Wetlands</i> , 2010, 30, 773-782.	0.7	35
36	Evaluating the condition of a mangrove forest of the Mexican Pacific based on an estimated leaf area index mapping approach. <i>Environmental Monitoring and Assessment</i> , 2009, 157, 137-149.	1.3	67

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37	Erratum to "Ethnobiology, socio-economics and management of mangrove forests: A review" [Aquat. Bot. 89 (2008) 220-236]. Aquatic Botany, 2009, 90, 273.	0.8	2
38	The Use of Multipolarized Spaceborne SAR Backscatter for Monitoring the Health of a Degraded Mangrove Forest. Journal of Coastal Research, 2008, 241, 248-254.	0.1	29
39	Ethnobiology, socio-economics and management of mangrove forests: A review. Aquatic Botany, 2008, 89, 220-236.	0.8	582
40	Assessing dynamics micro-regions in the Great Islands of the Gulf of California based on MODIS aqua imagery products. , 2007, , .		4
41	A spatial perspective for predicting enrollment in a regional pharmacy school. Geo Journal, 2007, 70, 133-143.	1.7	1
42	Assessing fine beam RADARSAT-1 backscatter from a white mangrove (<i>Laguncularia racemosa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.	0.7	16
43	Mapping mangrove leaf area index at the species level using IKONOS and LAI-2000 sensors for the Agua Brava Lagoon, Mexican Pacific. Estuarine, Coastal and Shelf Science, 2005, 62, 377-384.	0.9	106
44	Examining Local Ecological Knowledge of Hurricane Impacts in a Mangrove Forest Using an Analytical Hierarchy Process (AHP) Approach. Journal of Coastal Research, 2004, 203, 792-800.	0.1	28
45	Estimating leaf area index of a degraded mangrove forest using high spatial resolution satellite data. Aquatic Botany, 2004, 80, 13-22.	0.8	72
46	Mapping Disturbances in a Mangrove Forest Using Multi-Date Landsat TM Imagery. Environmental Management, 2001, 27, 763-776.	1.2	85
47	Perceptions of environmental change in a tropical coastal wetland. Land Degradation and Development, 2000, 11, 209-220.	1.8	41
48	Assessing mangrove use at the local scale. Landscape and Urban Planning, 1999, 43, 201-208.	3.4	44
49	On-farm spatial characterization of soil mineral nitrogen, crop growth, and yield of canola as affected by different rates of nitrogen application. Canadian Journal of Soil Science, 0, , .	0.5	5