

Yinghai Ke

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,384
citations

279798

23
h-index

243625

44
g-index

50
all docs

50
docs citations

50
times ranked

3182
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of methods for automatic individual tree-crown detection and delineation from passive remote sensing. <i>International Journal of Remote Sensing</i> , 2011, 32, 4725-4747.	2.9	310
2	Synergistic use of QuickBird multispectral imagery and LIDAR data for object-based forest species classification. <i>Remote Sensing of Environment</i> , 2010, 114, 1141-1154.	11.0	254
3	Characteristics of Landsat 8 OLI-derived NDVI by comparison with multiple satellite sensors and in-situ observations. <i>Remote Sensing of Environment</i> , 2015, 164, 298-313.	11.0	198
4	A Physically Based Runoff Routing Model for Land Surface and Earth System Models. <i>Journal of Hydrometeorology</i> , 2013, 14, 808-828.	1.9	187
5	Object-Based Urban Tree Species Classification Using Bi-Temporal WorldView-2 and WorldView-3 Images. <i>Remote Sensing</i> , 2015, 7, 16917-16937.	4.0	120
6	Urban Land Use and Land Cover Classification Using Novel Deep Learning Models Based on High Spatial Resolution Satellite Imagery. <i>Sensors</i> , 2018, 18, 3717.	3.8	120
7	Evaluating runoff simulations from the Community Land Model 4.0 using observations from flux towers and a mountainous watershed. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	111
8	Downscaling of MODIS One Kilometer Evapotranspiration Using Landsat-8 Data and Machine Learning Approaches. <i>Remote Sensing</i> , 2016, 8, 215.	4.0	110
9	A comparison of three methods for automatic tree crown detection and delineation from high spatial resolution imagery. <i>International Journal of Remote Sensing</i> , 2011, 32, 3625-3647.	2.9	62
10	Uncertainty Analysis of Runoff Simulations and Parameter Identifiability in the Community Land Model: Evidence from MOPEX Basins. <i>Journal of Hydrometeorology</i> , 2013, 14, 1754-1772.	1.9	55
11	Spatial correlation between land subsidence and urbanization in Beijing, China. <i>Natural Hazards</i> , 2015, 75, 2637-2652.	3.4	53
12	Multi-Scale Analysis of the Relationship between Land Subsidence and Buildings: A Case Study in an Eastern Beijing Urban Area Using the PS-InSAR Technique. <i>Remote Sensing</i> , 2018, 10, 1006.	4.0	53
13	Land subsidence prediction in Beijing based on PS-InSAR technique and improved Grey-Markov model. <i>GIScience and Remote Sensing</i> , 2017, 54, 797-818.	5.9	51
14	Spatiotemporal dynamics of suspended particulate matter in the Yellow River Estuary, China during the past two decades based on time-series Landsat and Sentinel-2 data. <i>Marine Pollution Bulletin</i> , 2019, 149, 110518.	5.0	49
15	Mapping Paddy Rice Planting Area in Northeastern China Using Spatiotemporal Data Fusion and Phenology-Based Method. <i>Remote Sensing</i> , 2019, 11, 1699.	4.0	47
16	Spatiotemporal downscaling approaches for monitoring 8-day 30 m actual evapotranspiration. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 126, 79-93.	11.1	45
17	Multilevel Building Detection Framework in Remote Sensing Images Based on Convolutional Neural Networks. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 3688-3700.	4.9	39
18	Human impact on suspended particulate matter in the Yellow River Estuary, China: Evidence from remote sensing data fusion using an improved spatiotemporal fusion method. <i>Science of the Total Environment</i> , 2021, 750, 141612.	8.0	37

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19	Comparison of Five Spatio-Temporal Satellite Image Fusion Models over Landscapes with Various Spatial Heterogeneity and Temporal Variation. <i>Remote Sensing</i> , 2019, 11, 2612.	4.0	35
20	Impact of Climate Variabilities and Human Activities on Surface Water Extents in Reservoirs of Yongding River Basin, China, from 1985 to 2016 Based on Landsat Observations and Time Series Analysis. <i>Remote Sensing</i> , 2019, 11, 560.	4.0	34
21	A subbasin-based framework to represent land surface processes in an Earth system model. <i>Geoscientific Model Development</i> , 2014, 7, 947-963.	3.6	33
22	The 3D Facies and Geomechanical Modeling of Land Subsidence in the Chaobai Plain, Beijing. <i>Water Resources Research</i> , 2020, 56, e2019WR027026.	4.2	28
23	Active Contour and Hill Climbing for Tree Crown Detection and Delineation. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010, 76, 1169-1181.	0.6	26
24	A Simple Phenology-Based Vegetation Index for Mapping Invasive <i>Spartina Alterniflora</i> Using Google Earth Engine. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 190-201.	4.9	24
25	Using error-in-variable regression to predict tree diameter and crown width from remotely sensed imagery. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1095-1108.	1.7	23
26	Change in regional land subsidence in Beijing after south-to-north water diversion project observed using satellite radar interferometry. <i>GIScience and Remote Sensing</i> , 2020, 57, 140-156.	5.9	23
27	A new drought monitoring approach: Vector Projection Analysis (VPA). <i>Remote Sensing of Environment</i> , 2021, 252, 112145.	11.0	23
28	Spatial-temporal evolution patterns of land subsidence with different situation of space utilization. <i>Natural Hazards</i> , 2015, 77, 1765-1783.	3.4	22
29	Monitoring early stage invasion of exotic <i>Spartina alterniflora</i> using deep-learning super-resolution techniques based on multisource high-resolution satellite imagery: A case study in the Yellow River Delta, China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 92, 102180.	2.8	22
30	Time-series evolution patterns of land subsidence in the eastern Beijing Plain, China. <i>Remote Sensing</i> , 2019, 11, 539.	4.0	20
31	Tracking vegetation degradation and recovery in multiple mining areas in Beijing, China, based on time-series Landsat imagery. <i>GIScience and Remote Sensing</i> , 2021, 58, 1477-1496.	5.9	18
32	Detection of Seasonal Deformation of Highway Overpasses Using the PS-InSAR Technique: A Case Study in Beijing Urban Area. <i>Remote Sensing</i> , 2020, 12, 3071.	4.0	17
33	Quantifying the Correlated Spatial Distributions between Tidal Creeks and Coastal Wetland Vegetation in the Yellow River Estuary. <i>Wetlands</i> , 2020, 40, 2701-2711.	1.5	17
34	The impact assessment of hydro-biological connectivity changes on the estuary wetland through the ecological restoration project in the Yellow River Delta, China. <i>Science of the Total Environment</i> , 2021, 758, 143706.	8.0	16
35	Mapping coastal wetlands in the Yellow River Delta, China during 2008-2019: impacts of valid observations, harmonic regression, and critical months. <i>International Journal of Remote Sensing</i> , 2021, 42, 7880-7906.	2.9	16
36	Assessing degradation of lake wetlands in Bashang Plateau, China based on long-term time series Landsat images using wetland degradation index. <i>Ecological Indicators</i> , 2022, 139, 108903.	6.3	14

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37	Forest aboveground biomass estimation using polarization coherence tomography and PolSAR segmentation. International Journal of Remote Sensing, 2015, 36, 530-550.	2.9	12
38	Land subsidence along the Beijing-Tianjin Intercity Railway during the period of the South-to-North Water Diversion Project. International Journal of Remote Sensing, 2020, 41, 4447-4469.	2.9	12
39	Mechanism of Land Subsidence Mutation in Beijing Plain under the Background of Urban Expansion. Remote Sensing, 2021, 13, 3086.	4.0	10
40	Combining Landsat-8 and Sentinel-2 to investigate seasonal changes of suspended particulate matter off the abandoned distributary mouths of Yellow River Delta. Marine Geology, 2021, 441, 106622.	2.1	10
41	Temporal land cover analysis for net ecosystem improvement. Ecohydrology and Hydrobiology, 2013, 13, 84-96.	2.3	8
42	Downscaling of passive microwave soil moisture retrievals based on spectral analysis. International Journal of Remote Sensing, 2018, 39, 50-67.	2.9	8
43	Where and how to restore wetland by utilizing storm water at the regional scale: A case study of Fangshan, China. Ecological Indicators, 2021, 122, 107246.	6.3	5
44	Automatic and Accurate Extraction of Sea Ice in the Turbid Waters of the Yellow River Estuary Based on Image Spectral and Spatial Information. Remote Sensing, 2022, 14, 927.	4.0	3
45	Tree species classification based on WorldView-2 imagery in complex urban environment. , 2014, , .		2
46	Preliminary research on land subsidence prediction method in Beijing. , 2016, , .		1
47	Land Surface Ecosystem Change Due to Natural and Anthropology Effects-The Ordos Case, Inner Mongolia. , 2019, , .		1
48	Effect of precipitation on ocean wind scatterometry. , 0, , .		0
49	Comparison of object-based and pixel-based methods for urban land-use classification from WorldView-2 imagery. , 2014, , .		0
50	Monitoring of land surface deformation in Beijing with time-series InSAR technique based on multi_band InSAR data using RADARSAT-2 and TERRASAR-X. , 2016, , .		0