

Carsten Juergens

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

510
citations

840776

11
h-index

713466

21
g-index

46
all docs

46
docs citations

46
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Adoption and future perspective of precision farming in Germany: results of several surveys among different agricultural target groups. <i>Precision Agriculture</i> , 2009, 10, 73-94.	6.0	129
2	Augmented Reality applications as digital experiments for education – An example in the Earth-Moon System. <i>Acta Astronautica</i> , 2019, 161, 66-74.	3.2	43
3	Trustworthy COVID-19 Mapping: Geo-spatial Data Literacy Aspects of Choropleth Maps. <i>KN - Journal of Cartography and Geographic Information</i> , 2020, 70, 155-161.	2.4	35
4	Urban Development in West Africa – Monitoring and Intensity Analysis of Slum Growth in Lagos: Linking Pattern and Process. <i>Remote Sensing</i> , 2018, 10, 1044.	4.0	30
5	Monitoring of Urban Sprawl and Densification Processes in Western Germany in the Light of SDG Indicator 11.3.1 Based on an Automated Retrospective Classification Approach. <i>Remote Sensing</i> , 2021, 13, 1694.	4.0	25
6	Soil erosion assessment by means of LANDSAT-TM and ancillary digital data in relation to water quality. <i>Soil and Tillage Research</i> , 1993, 6, 215-223.	0.4	24
7	Simulating slum growth in Lagos: An integration of rule based and empirical based model. <i>Computers, Environment and Urban Systems</i> , 2019, 77, 101369.	7.1	19
8	Foreword to the Special Issue on – Human Settlements: A Global Remote Sensing Challenge – IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 5-7.	4.9	18
9	Automated Detection of Field Monuments in Digital Terrain Models of Westphalia Using OBIA. <i>Geosciences (Switzerland)</i> , 2019, 9, 109.	2.2	16
10	Bringing Earth Observation to Schools with Digital Integrated Learning Environments. <i>Remote Sensing</i> , 2020, 12, 345.	4.0	15
11	Determinants of residential location choices by slum dwellers in Lagos megacity. <i>Cities</i> , 2020, 98, 102589.	5.6	14
12	Detecting Unknown Artificial Urban Surface Materials Based on Spectral Dissimilarity Analysis. <i>Sensors</i> , 2017, 17, 1826.	3.8	12
13	Urban and Suburban Areas as a Research Topic for Remote Sensing. <i>Remote Sensing and Digital Image Processing</i> , 2010, , 1-9.	0.7	12
14	Geo-Spatial Analysis of Population Density and Annual Income to Identify Large-Scale Socio-Demographic Disparities. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 432.	2.9	11
15	Digital Data Literacy in an Economic World: Geo-Spatial Data Literacy Aspects. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 373.	2.9	10
16	Land use/land cover classification for applied urban planning - the challenge of automation. , 2011, , .		9
17	Augmented Reality and Virtual Reality Applications Based on Satellite-Borne and ISS-Borne Remote Sensing Data for School Lessons. <i>PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science</i> , 2020, 88, 187-198.	1.1	9
18	DIEGO: A Multispectral Thermal Mission for Earth Observation on the International Space Station. <i>European Journal of Remote Sensing</i> , 2020, 53, 28-38.	3.5	8

#	ARTICLE	IF	CITATIONS
19	Multi-criteria spatial decision support system for valuation of open spaces for urban planning. , 2011, , .		6
20	Identification of Construction Areas from VHR-Satellite Images for Macroeconomic Forecasts. Remote Sensing, 2021, 13, 2618.	4.0	5
21	Development of an App and Teaching Concept for Implementation of Hyperspectral Remote Sensing Data into School Lessons Using Augmented Reality. Remote Sensing, 2022, 14, 791.	4.0	5
22	Multitemporal Change Detection Analysis in an Urbanized Environment Based upon Sentinel-1 Data. Remote Sensing, 2022, 14, 1043.	4.0	5
23	Foreword to the Special Issue on Human Settlement Monitoring Using Multiple Earth Observation Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1071-1075.	4.9	4
24	Derivation of tasseled cap coefficients for RapidEye data. Proceedings of SPIE, 2014, , .	0.8	4
25	Spationomy " Spatial Exploration of Economic Data " an Interdisciplinary Geomatics Project. KN - Journal of Cartography and Geographic Information, 2018, 68, 66-71.	2.4	4
26	Identifying pure urban image spectra using a learning urban image spectral archive (LUISA). Proceedings of SPIE, 2016, , .	0.8	3
27	Data Sources. , 2020, , 3-38.		3
28	Experimental Analysis of Geo-spatial Data to Evaluate Urban Greenspace: A Case Study in Dortmund, Germany. KN - Journal of Cartography and Geographic Information, 2022, 72, 153-171.	2.4	3
29	Foreword to the Special Issue on Human Settlement Observation and Monitoring from Space. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3995-3997.	4.9	2
30	Foreword to the Special Issue on Urban Remote Sensing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1763-1766.	4.9	2
31	3D remote sensing and urban remote sensing. International Journal of Remote Sensing, 2016, 37, 3437-3438.	2.9	2
32	Foreword to the European journal of remote sensing special issue: urban remote sensing " challenges and solutions. European Journal of Remote Sensing, 2019, 52, 1-1.	3.5	2
33	Remote Sensing for Short-Term Economic Forecasts. Sustainability, 2021, 13, 9593.	3.2	2
34	Geospatial Data Analysis and Economic Evaluation of Companies for Sustainable Business Development" An Interdisciplinary Teaching Approach. Sustainability, 2021, 13, 11245.	3.2	2
35	Creating and Testing Explainer Videos for Earth Observation. Remote Sensing, 2021, 13, 4178.	4.0	2
36	Geomonitoring for energy efficiency. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
37	Using ISS Earth Observation in Augmented and Virtual Reality to Reach the Next Generation of the Stem Workforce. , 2019, , .		0
38	Learning English and Irish via satellite images and aerial photographs. Planet, 2012, 26, 31-35.	0.1	0
39	Combined Small- and Large-Scale Geo-Spatial Analysis of the Ruhr Area for an Environmental Justice Assessment. Sustainability, 2022, 14, 3447.	3.2	0
40	Application of Convolutional Neural Networks on Digital Terrain Models for Analyzing Spatial Relations in Archaeology. Remote Sensing, 2022, 14, 2535.	4.0	0
41	Developing and Evaluating Simplified Tools for Image Processing in a Problem-Based Learning Environment for Earth Observation. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 0, , .	1.1	0