

# Cornelia GlÃ¤ser

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

206  
citations

1040056

9  
h-index

1058476

14  
g-index

24  
all docs

24  
docs citations

24  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of spectral indices and long-term separability analysis for classification of cereal crops using multi-spectral RapidEye imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 115-125.	2.8	31
2	A framework for the geometric accuracy assessment of classified objects. <i>International Journal of Remote Sensing</i> , 2013, 34, 8685-8698.	2.9	24
3	Spectrometric analyses in comparison to the physiological condition of heavy metal stressed floodplain vegetation in a standardised experiment. <i>Open Geosciences</i> , 2010, 2, .	1.7	19
4	Pioneer vegetation as an indicator of the geochemical parameters in abandoned mine sites using hyperspectral airborne data. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	19
5	Multitemporal and Multispectral Remote Sensing Approach for Flood Detection in the Elbe-Mulde Region 2002. <i>Clean - Soil, Air, Water</i> , 2005, 33, 395-403.	0.6	17
6	Mapping of iron and steelwork by-products using close range hyperspectral imaging: A case study in Thuringia, Germany. <i>European Journal of Remote Sensing</i> , 2015, 48, 489-509.	3.5	16
7	Monitoring of hydrochemical parameters of lignite mining lakes in Central Germany using airborne hyperspectral casi-scanner data. <i>International Journal of Coal Geology</i> , 2011, 86, 40-53.	5.0	14
8	Identification of hydrothermal paleofluid pathways, the pathfinders in the exploration of mineral deposits: A case study from the Sukumaland Greenstone Belt, Lake Victoria Gold Field, Tanzania. <i>Advances in Space Research</i> , 2015, 55, 1117-1133.	2.6	12
9	An approach for the classification of pioneer vegetation based on species-specific phenological patterns using laboratory spectrometric measurements. <i>Physical Geography</i> , 2017, 38, 524-540.	1.4	9
10	Visible and Near-Infrared Reflectance Spectroscopy for Assessment of Soil Properties in the Caucasus Mountains, Azerbaijan. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2111-2136.	1.4	9
11	Detecting heavy metal pollution of floodplain vegetation in a pot experiment using reflectance spectroscopy. <i>International Journal of River Basin Management</i> , 2016, 14, 499-507.	2.7	7
12	Examining the relationship between soil structure and soil reflectance using soil pore structure characteristics obtained from image analysis. <i>Remote Sensing Letters</i> , 2012, 3, 557-565.	1.4	6
13	An Enhanced Classification Approach using Hyperspectral Image Data in Combination with in situ Spectral Measurements for the Mapping of Vegetation Communities. <i>Photogrammetrie, Fernerkundung, Geoinformation</i> , 2014, 2014, 523-533.	1.2	4
14	Quantitative estimation of clay minerals in airborne hyperspectral data using a calibration field. <i>Journal of Applied Remote Sensing</i> , 2020, 14, .	1.3	4
15	Spectral characterization of black materials for use as background in spectrometric laboratories. <i>Spectroscopy Letters</i> , 2016, 49, 498-505.	1.0	3
16	White-reference based post-correction method for multi-source spectral libraries. <i>Photogrammetrie, Fernerkundung, Geoinformation</i> , 2010, 2010, 363-369.	1.2	2
17	Interlaboratory Comparison of Spectrometric Laboratory Measurements of a Chlorite Rock Sample. <i>PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science</i> , 2017, 85, 307-316.	1.1	2
18	Genauigkeitsbewertung von klassifizierten Landnutzungs-/LandbedeckungsÄnderungen. <i>Photogrammetrie, Fernerkundung, Geoinformation</i> , 2014, 2014, 91-100.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Determination of Mehlich 3 Extractable Elements with Visible and Near Infrared Spectroscopy in a Mountainous Agricultural Land, the Caucasus Mountains. Land, 2022, 11, 363.	2.9	2
20	Quantification of the Spectral Variability of Ore-Bearing Granodiorite under Supervised and Semisupervised Conditions: An Upscaling Approach. Journal of Spectroscopy, 2021, 2021, 1-12.	1.3	2
21	Editorial: DGPF-Project: Digital Photogrammetric Camera Evaluation. Photogrammetrie, Fernerkundung, Geoinformation, 2010, 2010, 69-70.	1.2	0
22	3D-Landscape Visualisation to support upkeep and maintenance of the UNESCO cultural world heritage of the Garden Kingdom of Dessau-WÄrlitz. Photogrammetrie, Fernerkundung, Geoinformation, 2014, 2014, 129-141.	1.2	0
23	Detection of Phenology-Defined Data Acquisition Time Frames For Crop Type Mapping. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2018, 86, 15-27.	1.1	0