

Michal Gallay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2430508/publications.pdf>

Version: 2024-02-01

22
papers

339
citations

1040056

9
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	A tangible landscape modeling system for geography education. <i>Education and Information Technologies</i> , 2022, 27, 5417-5435.	5.7	3
2	Multiresolution land surface segmentation and generalization of DEM: Tentative searching for the optimal settings of detecting elementary forms. <i>Transactions in GIS</i> , 2021, 25, 2376-2393.	2.3	1
3	Physically-based land surface temperature modeling in urban areas using a 3-D city model and multispectral satellite data. <i>Urban Climate</i> , 2020, 31, 100566.	5.7	39
4	Mapping Soil Degradation on Arable Land with Aerial Photography and Erosion Models, Case Study from Danube Lowland, Slovakia. <i>Remote Sensing</i> , 2020, 12, 4047.	4.0	6
5	Combined Use of Terrestrial Laser Scanning and UAV Photogrammetry in Mapping Alpine Terrain. <i>Remote Sensing</i> , 2019, 11, 2154.	4.0	43
6	Detecting dynamics of cave floor ice with selective cloud-to-cloud approach. <i>Cryosphere</i> , 2019, 13, 2835-2851.	3.9	11
7	Title is missing!. <i>Pageoph Topical Volumes</i> , 2019, , .	0.2	0
8	Semi-automatic LiDAR point cloud denoising using a connected-component labelling method. <i>Geographia Cassoviensis</i> , 2019, 13, .	0.2	1
9	Identification of karst sinkholes in a forested karst landscape using airborne laser scanning data and water flow analysis. <i>Geomorphology</i> , 2018, 308, 265-277.	2.6	49
10	Technical Report: Unmanned Helicopter Solution for Survey-Grade Lidar and Hyperspectral Mapping. <i>Pure and Applied Geophysics</i> , 2018, 175, 3357-3373.	1.9	5
11	SPATIO-TEMPORAL ANALYSIS OF SURFACE URBAN HEAT ISLAND BASED ON LANDSAT ETM+ AND OLI/TIRS IMAGERY IN THE CITY OF KOÁICE, SLOVAKIA. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 2018, 13, 395-408.	0.4	6
12	Modelling Karst Landscape with Massive Airborne and Terrestrial Laser Scanning Data. <i>Lecture Notes in Geoinformation and Cartography</i> , 2017, , 141-154.	1.0	8
13	POSSIBILITIES OF SOME SPECIFIC SOLUTIONS IN THE TRANSFORMATION COORDINATE PROCEDURES FOR DEFORMATION INVESTIGATION OF THE GEOTECTONIC RECENT MOVEMENTS IN EAST SLOVAKIA. , 2017, , .		0
14	Geomorphometric analysis of cave ceiling channels mapped with 3-D terrestrial laser scanning. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1827-1849.	4.9	29
15	Capacity of photovoltaic power plants in the Czech Republic. <i>Journal of Maps</i> , 2015, 11, 480-486.	2.0	1
16	Generating time series of virtual 3-D city models using a retrospective approach. <i>Landscape and Urban Planning</i> , 2015, 139, 40-53.	7.5	29
17	Large-scale and high-resolution 3-D cave mapping by terrestrial laser scanning: a case study of the Domica Cave, Slovakia. <i>International Journal of Speleology</i> , 2015, 44, 277-291.	1.0	40
18	The Spatial Distribution of Photovoltaic Power Plants in Relation to Solar Resource Potential: The Case of the Czech Republic and Slovakia. <i>Moravian Geographical Reports</i> , 2014, 22, 26-33.	1.2	18

#	ARTICLE	IF	CITATIONS
19	Assessing modern ground survey methods and airborne laser scanning for digital terrain modelling: A case study from the Lake District, England. Computers and Geosciences, 2013, 51, 216-227.	4.2	30
20	HIGH RESOLUTION AIRBORNE LASER SCANNING AND HYPERSPECTRAL IMAGING WITH A SMALL UAV PLATFORM. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B1, 823-827.	0.2	4
21	HIGH-RESOLUTION URBAN GREENERY MAPPING FOR MICRO-CLIMATE MODELLING BASED ON 3D CITY MODELS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W7, 7-12.	0.2	6
22	HIGH RESOLUTION AIRBORNE LASER SCANNING AND HYPERSPECTRAL IMAGING WITH A SMALL UAV PLATFORM. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B1, 823-827.	0.2	7