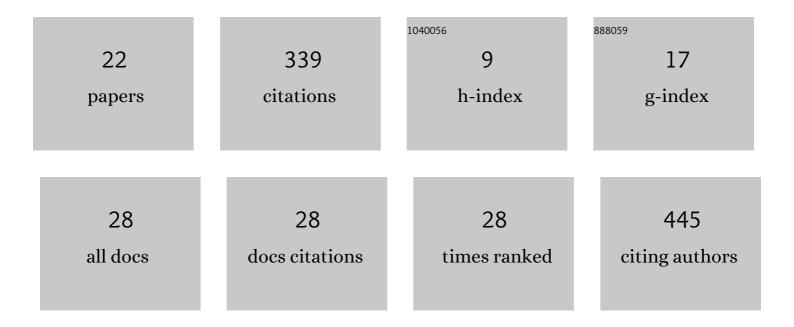
Michal Gallay

List of Publications by Year in descending order

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ΜΙCΗΛΙ CΛΙΙΑΥ

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

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Multiresolution land surface segmentation and generalization of DEM: Tentative searching for the optimal settings of detecting elementary forms. Transactions in GIS, 2021, 25, 2376-2393. | 2.3 | 1 |
| 20 | Semi-automatic LiDAR point cloud denoising using a connected-component labelling method. Geographia Cassoviensis, 2019, 13, . | 0.2 | 1 |
| 21 | POSSIBILITIES OF SOME SPECIFIC SOLUTIONS IN THE TRANSFORMATION COORDINATE PROCEDURES FOR DEFORMATION INVESTIGATION OF THE GEOTECTONIC RECENT MOVEMENTS IN EAST SLOVAKIA. , 2017, , . | | 0 |
| 22 | Title is missing!. Pageoph Topical Volumes, 2019, , . | 0.2 | 0 |