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List of Publications by Year in descending order

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47
papers

1,192
citations

567281

15
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377865

34
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all docs

47
docs citations

47
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking Short- to Medium-Term Beach Dune Dynamics to Local Features under Wave and Wind Actions: A Northern Portuguese Case Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4365.	2.5	4
2	Tin and Bronze Production at the Outeiro de Baltar Hillfort (NW Iberia). <i>Minerals (Basel)</i> , 2020, 10, 702.	2.0	3
3	An Integrated Remote-Sensing and GIS Approach for Mapping Past Tin Mining Landscapes in Northwest Iberia. <i>Remote Sensing</i> , 2021, 13, 3434.	4.0	7
4	Monitoring of soil movement in a self-burning coal waste pile with UAV imagery. , 2020, , .		3
5	From Archived Historical Aerial Imagery to Informative Orthophotos: A Framework for Retrieving the Past in Long-Term Socioecological Research. <i>Remote Sensing</i> , 2019, 11, 1388.	4.0	31
6	Image-aided platform orientation determination with a GNSS/low-cost IMU system using robust-adaptive Kalman filter. <i>GPS Solutions</i> , 2018, 22, 1.	4.3	10
7	Three-dimensional data collection for coastal management – efficiency and applicability of terrestrial and airborne methods. <i>International Journal of Remote Sensing</i> , 2018, 39, 9380-9399.	2.9	2
8	Multi-Temporal Analysis of Forestry and Coastal Environments Using UASs. <i>Remote Sensing</i> , 2018, 10, 24.	4.0	28
9	Unmanned Aerial Systems (UAS) for environmental applications special issue preface. <i>International Journal of Remote Sensing</i> , 2018, 39, 4845-4851.	2.9	17
10	SIMWE model application on susceptibility analysis to bank gully erosion in Alto Douro Wine Region agricultural terraces. <i>Catena</i> , 2017, 153, 39-49.	5.0	21
11	Open-source GIS application for UAV photogrammetry based on MicMac. <i>International Journal of Remote Sensing</i> , 2017, 38, 3181-3202.	2.9	19
12	ECOAL Project – Delivering Solutions for Integrated Monitoring of Coal-Related Fires Supported on Optical Fiber Sensing Technology. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 956.	2.5	13
13	Distributed Temperature Measurement in a Self-Burning Coal Waste Pile through a GIS Open Source Desktop Application. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 87.	2.9	15
14	Using Relative Orientation to Improve the Accuracy of Exterior Orientation Parameters of Low Cost POS. <i>Photogrammetric Engineering and Remote Sensing</i> , 2017, 83, 153-161.	0.6	3
15	Novas evidências de mineração aurífera e estanháfera de época Romana no alto vale do Tâmega (Montalegre e Boticas, Norte de Portugal). <i>Estudos Do Quaternario</i> , 2017, , 45-55.	0.3	6
16	Quantifying the City’s Green Area Potential Gain Using Remote Sensing Data. <i>Sustainability</i> , 2016, 8, 1247.	3.2	39
17	Assessing soil erosion risk using RUSLE through a GIS open source desktop and web application. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 351.	2.7	47
18	A Modern Age redoubt in a possible Roman camp. The relationship between two defensive models in Campos (Vila Nova de Cerveira, Minho Valley, Portugal). <i>Journal of Archaeological Science: Reports</i> , 2016, 10, 293-308.	0.5	6

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19	A dynamic map application for the assessment of groundwater vulnerability to pollution. Environmental Earth Sciences, 2015, 74, 2315-2327.	2.7	22
20	UAV photogrammetry for topographic monitoring of coastal areas. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 104, 101-111.	11.1	441
21	Building 3D City Models: Testing and Comparing Laser Scanning and Low-Cost UAV Data Using FOSS Technologies. Lecture Notes in Computer Science, 2015, , 367-379.	1.3	3
22	Accuracy Assessment of the Integration of GNSS and a MEMS IMU in a Terrestrial Platform. Sensors, 2014, 14, 20866-20881.	3.8	2
23	Assessing Groundwater Vulnerability to Pollution through the DRASTIC Method. Lecture Notes in Computer Science, 2014, , 386-400.	1.3	5
24	New Developments in Geographical Information Technology for Urban and Spatial Planning. Advances in Civil and Industrial Engineering Book Series, 2014, , 196-227.	0.2	4
25	Accurate DTM generation in sand beaches using mobile mapping. Journal of Coastal Conservation, 2013, 17, 579-588.	1.6	4
26	Sensor Integration in a Low Cost Land Mobile Mapping System. Sensors, 2012, 12, 2935-2953.	3.8	23
27	CHAIR: automatic image registration based on correlation and Hough transform. International Journal of Remote Sensing, 2012, 33, 7936-7968.	2.9	24
28	A first reference dataset for the evaluation of geometric correction methods under the scope of remote sensing applications. Proceedings of SPIE, 2011, , .	0.8	0
29	Automatic Image Registration Through Image Segmentation and SIFT. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2589-2600.	6.3	178
30	HAIRIS: A Method for Automatic Image Registration Through Histogram-Based Image Segmentation. IEEE Transactions on Image Processing, 2011, 20, 776-789.	9.8	63
31	Photogrammetric mapping and measuring application using MATLAB. Computers and Geosciences, 2010, 36, 699-706.	4.2	7
32	Automatic image orientation and DSM extraction from ALOS-PRISM triplet images. , 2010, , .		3
33	Modeling of the Douro River Plume Size, Obtained Through Image Segmentation of MERIS Data. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 87-91.	3.1	17
34	Measures for an Objective Evaluation of the Geometric Correction Process Quality. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 292-296.	3.1	91
35	Automatic image registration through the segmentation of images pre-processed by joint histogram analysis. , 2009, , .		0
36	Estimation of the Douro River plume dimension based on image segmentation of MERIS scenes. Proceedings of SPIE, 2008, , .	0.8	2

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37	Automatic image registration based on correlation and Hough transform. , 2008, , .		4
38	Automatic Ortho-rectification of ASTER Images by Matching Digital Elevation Models. Lecture Notes in Computer Science, 2007, , 1265-1275.	1.3	2
39	Geometric and Radiometric Improvement of an Ikonos Panchromatic Image Using a Digital Surface Model. Lecture Notes in Computer Science, 2006, , 742-751.	1.3	1
40	Analysis of SAR image geolocation accuracy for mapping. , 2004, , .		1
41	Orientation of linear array imagery by adjustment in image space. , 0, , .		2
42	Methods for coastal monitoring and erosion risk assessment: two Portuguese case studies. Journal of Integrated Coastal Zone Management, 0, , 47-63.	0.1	19
43	ASSESSING COASTAL MORPHODYNAMICS FOR CLIMATE-CHANGE RELATED RISK ANALYSIS. Frontiers in Marine Science, 0, 5, .	2.5	0
44	Directorio de geoportais portugueses (geoportais.com). , 0, , 583-605.		0
45	Identificaco automtica de sinais de transito num sistema de mapeamento mvel. , 0, , 684-704.		0
46	Gerao automtica de orto-mosaicos de fotos areas de arquivo do Concelho de Coimbra. , 0, , 748-766.		0
47	Uso de dados VANT na vetorizaco de rodovias. , 0, , 767-788.		0