JosÃ© Alberto GonÃ§alves

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2018145/publications.pdf

Version: 2024-02-01

47 papers	1,192 citations	567281 15 h-index	377865 34 g-index
47 all docs	47 docs citations	47 times ranked	1617 citing authors

#	Article	IF	Citations
1	UAV photogrammetry for topographic monitoring of coastal areas. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 104, 101-111.	11.1	441
2	Automatic Image Registration Through Image Segmentation and SIFT. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2589-2600.	6.3	178
3	Measures for an Objective Evaluation of the Geometric Correction Process Quality. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 292-296.	3.1	91
4	HAIRIS: A Method for Automatic Image Registration Through Histogram-Based Image Segmentation. IEEE Transactions on Image Processing, 2011, 20, 776-789.	9.8	63
5	Assessing soil erosion risk using RUSLE through a GIS open source desktop and web application. Environmental Monitoring and Assessment, 2016, 188, 351.	2.7	47
6	Quantifying the Cityâ€™s Green Area Potential Gain Using Remote Sensing Data. Sustainability, 2016, 8, 1247.	3.2	39
7	From Archived Historical Aerial Imagery to Informative Orthophotos: A Framework for Retrieving the Past in Long-Term Socioecological Research. Remote Sensing, 2019, 11, 1388.	4.0	31
8	Multi-Temporal Analysis of Forestry and Coastal Environments Using UASs. Remote Sensing, 2018, 10, 24.	4.0	28
9	CHAIR: automatic image registration based on correlation and Hough transform. International Journal of Remote Sensing, 2012, 33, 7936-7968.	2.9	24
10	Sensor Integration in a Low Cost Land Mobile Mapping System. Sensors, 2012, 12, 2935-2953.	3.8	23
11	A dynamic map application for the assessment of groundwater vulnerability to pollution. Environmental Earth Sciences, 2015, 74, 2315-2327.	2.7	22
12	SIMWE model application on susceptibility analysis to bank gully erosion in Alto Douro Wine Region agricultural terraces. Catena, 2017, 153, 39-49.	5.0	21
13	Open-source GIS application for UAV photogrammetry based on MicMac. International Journal of Remote Sensing, 2017, 38, 3181-3202.	2.9	19
14	Methods for coastal monitoring and erosion risk assessment: two Portuguese case studies. Journal of Integrated Coastal Zone Management, 0, , 47-63.	0.1	19
15	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
16	Unmanned Aerial Systems (UAS) for environmental applications special issue preface. International Journal of Remote Sensing, 2018, 39, 4845-4851.	2.9	17
17	Distributed Temperature Measurement in a Self-Burning Coal Waste Pile through a GIS Open Source Desktop Application. ISPRS International Journal of Geo-Information, 2017, 6, 87.	2.9	15
18	ECOAL Projectâ€"Delivering Solutions for Integrated Monitoring of Coal-Related Fires Supported on Optical Fiber Sensing Technology. Applied Sciences (Switzerland), 2017, 7, 956.	2.5	13

#	Article	IF	Citations
19	Image-aided platform orientation determination with a GNSS/low-cost IMU system using robust-adaptive Kalman filter. GPS Solutions, 2018, 22, 1.	4.3	10
20	Photogrammetric mapping and measuring application using MATLAB. Computers and Geosciences, 2010, 36, 699-706.	4.2	7
21	An Integrated Remote-Sensing and GIS Approach for Mapping Past Tin Mining Landscapes in Northwest Iberia. Remote Sensing, 2021, 13, 3434.	4.0	7
22	A Modern Age redoubt in a possible Roman camp. The relationship between two defensive models in Campos (Vila Nova de Cerveira, Minho Valley, Portugal). Journal of Archaeological Science: Reports, 2016, 10, 293-308.	0.5	6
23	Novas evidÃªncias de mineraÃ§Ã£o aurÃfera e estanhÃfera de Ã©poca Romana no alto vale do TÃ¢mega (Montalegre e Boticas, Norte de Portugal). Estudos Do Quaternario, 2017, , 45-55.	0.3	6
24	Assessing Groundwater Vulnerability to Pollution through the DRASTIC Method. Lecture Notes in Computer Science, 2014, , 386-400.	1.3	5
25	Automatic image registration based on correlation and Hough transform. , 2008, , .		4
26	Accurate DTM generation in sand beaches using mobile mapping. Journal of Coastal Conservation, 2013, 17, 579-588.	1.6	4
27	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
28	Linking Short- to Medium-Term Beach Dune Dynamics to Local Features under Wave and Wind Actions: A Northern Portuguese Case Study. Applied Sciences (Switzerland), 2022, 12, 4365.	2.5	4
29	Automatic image orientation and DSM extraction from ALOS-PRISM triplet images. , 2010, , .		3
30	Using Relative Orientation to Improve the Accuracy of Exterior Orientation Parameters of Low Cost POS. Photogrammetric Engineering and Remote Sensing, 2017, 83, 153-161.	0.6	3
31	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
32	Monitoring of soil movement in a self-burning coal waste pile with UAV imagery. , 2020, , .		3
33	Tin and Bronze Production at the Outeiro de Baltar Hillfort (NW Iberia). Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.0	3
34	Orientation of linear array imagery by adjustment in image space. , 0, , .		2
35	Estimation of the Douro River plume dimension based on image segmentation of MERIS scenes. Proceedings of SPIE, 2008, , .	0.8	2
36	Accuracy Assessment of the Integration of GNSS and a MEMS IMU in a Terrestrial Platform. Sensors, 2014, 14, 20866-20881.	3.8	2

#	Article	IF	Citations
37	Three-dimensional data collection for coastal management â€“ efficiency and applicability of terrestrial and airborne methods. International Journal of Remote Sensing, 2018, 39, 9380-9399.	2.9	2
38	Automatic Ortho-rectification of ASTER Images by Matching Digital Elevation Models. Lecture Notes in Computer Science, 2007, , 1265-1275.	1.3	2
39	Analysis of SAR image geolocation accuracy for mapping. , 2004, , .		1
40	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
41	Automatic image registration through the segmentation of images pre-processed by joint histogram analysis. , 2009, , .		0
42	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
43	ASSESSING COASTAL MORPHODYNAMICS FOR CLIMATE-CHANGE RELATED RISK ANALYSIS. Frontiers in Marine Science, 0, 5, .	2.5	0
44	DiretÃ³rio de geoportais portugueses (geoportais.com). , 0, , 583-605.		0
45	IdentificaÃ§Ã£o autÃ³noma de sinais de transito num sistema de mapeamento mÃ³vel. , 0, , 684-704.		0
46	GeraÃ§Ã£o automÃ¡tica de orto-mosaicos de fotos aÃ©reas de arquivo do Concelho de Coimbra. , 0, , 748-766.		0
47	Uso de dados VANT na vetorizaÃ§Ã£o de rodovias. , 0, , 767-788.		0