

Maria Concepcion Alonso Rodriguez

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

610
citations

567281

15
h-index

610901

24
g-index

33
all docs

33
docs citations

33
times ranked

556
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dempster-Shafer Theory in geographic information systems: A survey. <i>Expert Systems With Applications</i> , 2007, 32, 47-55. | 7.6 | 66 |
| 2 | Automatic Detection and Classification of Pole-Like Objects in Urban Point Cloud Data Using an Anomaly Detection Algorithm. <i>Remote Sensing</i> , 2015, 7, 12680-12703. | 4.0 | 62 |
| 3 | An approach to detect and delineate street curbs from MLS 3D point cloud data. <i>Automation in Construction</i> , 2015, 51, 103-112. | 9.8 | 50 |
| 4 | A projection pursuit algorithm for anomaly detection in hyperspectral imagery. <i>Pattern Recognition</i> , 2008, 41, 3313-3327. | 8.1 | 47 |
| 5 | Sex differences in fingerprint ridge density in the Mataco-Mataguayo population. <i>HOMO- Journal of Comparative Human Biology</i> , 2011, 62, 487-499. | 0.7 | 45 |
| 6 | Distribution of the minutiae in the fingerprints of a sample of the Spanish population. <i>Forensic Science International</i> , 2011, 208, 79-90. | 2.2 | 41 |
| 7 | A comparative study of topological and sex differences in fingerprint ridge density in Argentinian and Spanish population samples. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2013, 20, 419-429. | 1.0 | 39 |
| 8 | Change detection of buildings from satellite imagery and lidar data. <i>International Journal of Remote Sensing</i> , 2013, 34, 1652-1675. | 2.9 | 31 |
| 9 | Are there population differences in minutiae frequencies? A comparative study of two Argentinian population samples and one Spanish sample. <i>Forensic Science International</i> , 2012, 222, 266-276. | 2.2 | 25 |
| 10 | Assessment of the methodology for estimating ridge density in fingerprints and its forensic application. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 199-207. | 2.1 | 22 |
| 11 | Topological Variability of Fingerprint Ridge Density in a Sub-Saharan Population Sample for Application in Personal Identification. <i>Journal of Forensic Sciences</i> , 2013, 58, 592-600. | 1.6 | 20 |
| 12 | Impact of aging on fingerprint ridge density: Anthropometry and forensic implications in sex inference. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018, 58, 323-334. | 2.1 | 20 |
| 13 | Morphological Operations to Extract Urban Curbs in 3D MLS Point Clouds. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 93. | 2.9 | 19 |
| 14 | Fingerprint ridge density in the Argentinean population and its application to sex inference: A comparative study. <i>HOMO- Journal of Comparative Human Biology</i> , 2016, 67, 65-84. | 0.7 | 17 |
| 15 | Anthropological study of ear tubercles in a Spanish sample. <i>HOMO- Journal of Comparative Human Biology</i> , 2015, 66, 343-356. | 0.7 | 16 |
| 16 | Semi-Automatic Detection of Swimming Pools from Aerial High-Resolution Images and LIDAR Data. <i>Remote Sensing</i> , 2014, 6, 2628-2646. | 4.0 | 15 |
| 17 | Study of fingerprints in Argentina population for application in personal identification. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 199-208. | 2.1 | 13 |
| 18 | Sexual and topological differences in palmprint and ridge density in the Caucasian Spanish population. <i>Forensic Science International</i> , 2013, 229, 159.e1-159.e10. | 2.2 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A Spatial Contextual Postclassification Method for Preserving Linear Objects in Multispectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 174-183. | 6.3 | 7 |
| 20 | Detecting plant spatial patterns, using multidimensional scaling and cluster analysis, in rural landscapes in Central Iberian Peninsula. Landscape and Urban Planning, 2010, 95, 138-150. | 7.5 | 6 |
| 21 | Surnames, geographic altitude, and digital dermatoglyphics in a male population from the province of Jujuy (Argentina). HOMO- Journal of Comparative Human Biology, 2014, 65, 256-266. | 0.7 | 5 |
| 22 | Classification of High Resolution Satellite Images Using Texture from the Panchromatic Band. , 2007, , 499-508. | | 5 |
| 23 | Obtaining industrial experimental designs using a heuristic technique. Expert Systems With Applications, 2011, 38, 10094-10098. | 7.6 | 4 |
| 24 | Classification of Multispectral High-Resolution Satellite Imagery Using LIDAR Elevation Data. Lecture Notes in Computer Science, 2008, , 85-94. | 1.3 | 4 |
| 25 | The Combination of Three Statistical Methods for Visual Inspection of Anomalies in Hyperspectral Imageries. , 2009, , . | | 3 |
| 26 | Region-growing segmentation of multispectral high-resolution space images with open software. , 2012, , . | | 3 |
| 27 | An Interactive Technique for Cartographic Feature Extraction from Aerial and Satellite Image Sensors. Sensors, 2008, 8, 4786-4799. | 3.8 | 2 |
| 28 | Procedure to detect impervious surfaces using satellite images and light detection and ranging (LIDAR) data. Proceedings of SPIE, 2014, , . | 0.8 | 2 |
| 29 | CONSANGUINITY BY RANDOM ISONYMY AND SOCIOECONOMIC DEVELOPMENT IN ARGENTINA: A POPULATION STUDY. Journal of Biosocial Science, 2017, 49, 322-333. | 1.2 | 2 |
| 30 | Aspectos geográficos en la docencia del ordenamiento y la gestión del territorio. Ciencias Espaciales, 2015, 8, 110-125. | 0.0 | 1 |
| 31 | A study of the roughness and curvature in 3D point clouds to extract vertical and horizontal surfaces. , 2015, , . | | 0 |
| 32 | Automatic extraction of buildings and trees using fuzzy K-means classification on high-resolution satellite imagery and LiDAR data. , 2015, , . | | 0 |