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Papers in Journals

1. R Ali Abbaspour , A Chehreghan , S Sadati , A Abedini.An Approach to Evaluate the User Participation Pattern in Highway's Volunteered Geographic Information using Machine Learning.Quarterly Journal of Transportation Engineering,۲۰۲۴.
2. S Sowlati, R Ali Abbaspour, A Chehreghan.Identifying transportation modes from trajectory dataset using boosting and deep learning methods in intelligent transportation systems.Journal of Transportation Research.۲۰۲۳.
3. R Adabi, R Ali Abbaspour, A Chehreghan.An assessment on building blocks completion process in the Volunteered Geographic Information (VGI) for using in smart cities.Scientific-Research Quarterly of Geographical Data (SEPEHR),۲۰۲۲.
4. S Sowlati, RA Abbaspour, A Chehreghan.Feature Extraction from Trajectories for Transportation Mode Detection in Smart City using Machine Learning.Quarterly Journal of Transportation Engineering,۲۰۲۲.
5. A Moeini Roudbali , R Ali Abbaspour , Alireza Chehreghan.Matching of Polygon Objects by Optimizing Geometric Criteria.Engineering Journal of Geospatial Information Technology,۲۰۲۱.
6. R Adabi , RA Abbaspour , Alireza Chehreghan.Assessment of the completeness of Volunteered Geographic Information focusing on building blocks data (Case Study: Tehran metropolis).Engineering Journal of Geospatial Information Technology,۲۰۲۱.
7. B Khalili, R Ali Abbaspour, A Chehreghan,A Method for Improvement of PDR method using Smartphones Considering Pedestrian Properties,Earth Observation and Geomatics Engineering,2024.
8. S Sowlati , R Ali Abbaspour , A Chehreghan,An approach to assess the role of features in detection of transportation modes,Transportation,2024.
9. E Saadatzadeh, R Ali Abbaspour, A Chehreghan,An improvement in smartphone-based 3D indoor positioning using an effective map matching method,Journal of Ambient Intelligence and Humanized Computing,2023.
10. A Chehreghan, E Saadatzadeh, RA Abbaspour,Infrastructure-free indoor navigation based on smartphone sensors in smart buildings,Journal of Location Based Services,2023.
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12. R Ghasemi Nejad, R Ali Abbaspour, A Chehreghan,Spatiotemporal VGI contributor reputation system based on implicit evaluation relations,Geocarto International,2022.
13. A Moayedi , R Ali Abbaspour , Alireza Chehreghan , P Mojtabaee,The credibility evaluation of the trajectory clustering results using a user-defined similarity,Earth Observation and Geomatics Engineering,2021.

14. RA Abbaspour , Alireza Chehreghan , M Chamani,Multi-scale polygons matching using a new geographic context descriptor,Applied Geomatics,2021.
15. P Shivanasab , RA Abbaspour , Alireza Chehreghan,An assessment on the performance of the shape functions in clustering based on representative trajectories of dense areas,GIScience & Remote Sensing,2021.
16. N Teimoory , R Ali Abbaspour , Alireza Chehreghan,Reliability extracted from the history file as an intrinsic indicator for assessing the quality of OpenStreetMap,Earth Science Informatics,2021.
17. A Hosseinpour Milaghardan , C Claramunt , Alireza Chehreghan,A dimension reduced clustering approach for the evaluation of trajectory similarities,Earth Observation and Geomatics Engineering,2021.
18. GIS-based Seismic Vulnerability Mapping: A Comparison of Artificial neural networks Hybrid Models,GeoCarto International,2021.
19. Amin Hosseinpour , Rahim Ali Abbaspour , Christophe Claramunt , Alireza Chehreghan,An Activity-Based Framework for Detecting Human Movement Patterns in an Urban Environment,Transactions in GIS,2021.
20. Amin Hosseinpour , Rahim Ali Abbaspour , Christophe Claramunt , Alireza Chehreghan,Inferring Geometric Similarities of Trajectories by an Abstract Trajectory Descriptor (ATD),Earth Observation and Geomatics Engineering,2020.
21. Ali Moayedi , Rahim Ali Abbaspour , Alireza Chehreghan,An Evaluation of the Efficiency of Similarity Functions in Density-based Clustering of Spatial Trajectories,Annals of GIS,2019.
22. Alireza Chehreghan ,& Rahim Ali Abbaspour,An Evaluation of Data Completeness of VGI through Geometric Similarity Assessment,International Journal of Image and Data Fusion,2018.
23. Alireza Chehreghan ,& Rahim Ali Abbaspour,A Geometric-based Approach for Road Matching on Multi-scale Datasets using a Genetic Algorithm,Cartography and Geographic Information Science (CaGIS),2018.
24. Alireza Chehreghan ,& Rahim Ali Abbaspour,An Assessment of the Efficiency of Spatial Distances in Linear Object Matching on Multi-scale, Multi-source Maps,International Journal of Image and Data Fusion,2018.
25. Rahim Ali Abbaspour , Alireza Chehreghan , Amer Karimi,Assessment the Efficiency of Shape-Based Functions and Descriptors in Multi-Scale Matching of Linear Objects,Geocarto International,2018.
26. Azadeh Nasiri , Rahim Ali Abbaspour , Alireza Chehreghan , Jamal Jokar Arsanjani,Improving the quality of citizen contributed geodata through their historical contributions: the case of road network in OpenStreetMap,ISPRS International Journal of Geo-Information,2018.
27. Alireza Chehreghan ,& Rahim Ali Abbaspour,Estimation of Empirical Parameters in Matching of Linear Vector Datasets: an Optimization Approach,Modeling Earth Systems and Environment,2017.
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32. Rahim Ali Abbaspour , Mohammad Shaeri , Alireza Chehreghan,A Method for Similarity Measurement in Spatial Trajectories,Spatial Information Research,2017.
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34. Mohammadali Rajabi , Aliasghar Alesheykh , Alireza Chehreghan , Hassan Gazmeh.An Innovative Method for Forest Fire Risk Zoning Map Using Fuzzy Inference System and GIS.International Journal of

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36. Alireza Chehreghan , Mahmoudreza Delavar , Reza Zarei,An Intelligent Deployment Method of Geosensor Networks in 3D Environment,Annals of GIS,2016.

37. Sajad Hassani Pazoky , Mohammad Saadatseresht , Alireza Chehreghan,An Information-Based Approach for Douglas-Peucker Thresholding in Polyline Generalizations,Research Journal of Recent Sciences,2014.

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39. Alireza Chehreghan , Mohammadali Rajabi , Sajad Hassani Pazoky,Developing a Novel Method for Optimum Site Selection Based on Fuzzy Genetic System and GIS,International Journal of Advanced Research in Computer Science and Software Engineering,2013.