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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.
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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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33. Sajad Hassani Pazoky , Mahmoodreza Delavar , Alireza Chehreghan.A Comparative Evaluation of Automatic Sampling Methods.American Journal of Engineering Research.۲۰۱۳.
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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