Regionalization with dynamically constrained agglome: (REDCAP)

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Citation Report

#	Article	IF	CITATIONS
1	Recent Trends in IJGISc. International Journal of Geographical Information Science, 2009, 23, 1-6.	2.2	8
2	Spatial data mining and geographic knowledge discovery—An introduction. Computers, Environment and Urban Systems, 2009, 33, 403-408.	3 <b>.</b> 3	227
3	Greedy Optimization for Contiguity-Constrained Hierarchical Clustering., 2009,,.		10
4	Flow Mapping and Multivariate Visualization of Large Spatial Interaction Data. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1041-1048.	2.9	179
5	Multivariate Spatial Clustering and Geovisualization. Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2009, , 325-345.	0.2	3
6	Automatic cluster identification for environmental applications using the self-organizing maps and a new genetic algorithm. Geocarto International, 2010, 25, 53-69.	1.7	3
7	Automatic Region Building for Spatial Analysis. Transactions in GIS, 2011, 15, 29-45.	1.0	75
8	An alternative map of the United States based on an n-dimensional model of geographic space. Journal of Visual Languages and Computing, 2011, 22, 290-304.	1.8	19
9	How GIS can help address the uncertain geographic context problem in social science research. Annals of GIS, 2012, 18, 245-255.	1.4	140
10	An AZP-ACO Method for Region-Building. Lecture Notes in Computer Science, 2012, , 81-89.	1.0	3
11	An alternative fire regime zonation for Canada. International Journal of Wildland Fire, 2012, 21, 1052.	1.0	66
12	Measurement, Optimization, and Impact of Health Care Accessibility: A Methodological Review. Annals of the American Association of Geographers, 2012, 102, 1104-1112.	3.0	431
13	Intraurban Migration, Neighborhoods, and City Structure. Urban Geography, 2012, 33, 1008-1029.	1.7	10
14	A Swiss neighbourhood index of socioeconomic position: development and association with mortality. Journal of Epidemiology and Community Health, 2012, 66, 1129-1136.	2.0	152
15	Why police and policing need GIS: an overview. Annals of GIS, 2012, 18, 159-171.	1.4	30
16	Constructing geographic areas for cancer data analysis: A case study on late-stage breast cancer risk in Illinois. Applied Geography, 2012, 35, 1-11.	1.7	70
17	Regionalization of forest pattern metrics for the continental United States using contiguity constrained clustering and partitioning. Ecological Informatics, 2012, 9, 11-18.	2.3	43
18	The impact of place and time on the proportion of late-stage diagnosis: The case of prostate cancer in Florida, 1981–2007. Spatial and Spatio-temporal Epidemiology, 2012, 3, 243-253.	0.9	8

#	Article	IF	Citations
19	Discovering Spatial Patterns in Originâ€Destination Mobility Data. Transactions in GIS, 2012, 16, 411-429.	1.0	126
20	Functional zoning for air quality. Environmental and Ecological Statistics, 2013, 20, 109-127.	1.9	25
21	Data-Driven Regionalization of Housing Markets. Annals of the American Association of Geographers, 2013, 103, 871-889.	3.0	67
22	Regionalization by fuzzy expert system based approach optimized by genetic algorithm. Journal of Hydrology, 2013, 486, 271-280.	2.3	8
23	Division Scheme for Environmental Management Regionalization in China. Environmental Management, 2013, 52, 289-307.	1.2	9
24	Regionalization of multi-categorical landscapes using machine vision methods. Applied Geography, 2013, 45, 250-258.	1.7	21
25	Analysis of hard clustering algorithms applicable to regionalization. , 2013, , .		5
26	Modeling the Impacts of Spatial Heterogeneity in the Castor Watershed on Runoff, Sediment, and Phosphorus Loss Using SWAT: I. Impacts of Spatial Variability of Soil Properties. Water, Air, and Soil Pollution, 2013, 224, 1692.	1.1	17
27	Acceptable losses? The relative impacts of natural hazards in the United States, 1980–2009. International Journal of Disaster Risk Reduction, 2013, 5, 61-72.	1.8	17
28	Fire regime zonation under current and future climate over eastern Canada. Ecological Applications, 2013, 23, 904-923.	1.8	86
29	Neighborhood Collective Efficacy and Dimensions of Diversity: A Multilevel Analysis. Environment and Planning A, 2013, 45, 2176-2193.	2.1	24
30	Crime Modeling and Mapping Using Geospatial Technologies. , 2013, , .		37
31	Using High-Resolution Population Data to Identify Neighborhoods and Establish Their Boundaries. Annals of the American Association of Geographers, 2013, 103, 67-84.	3.0	77
32	Integrating Multiâ€element Geochemical and Magnetic Survey at Ancient Sagalassos (Southwest Turkey): Anthropogenic Versus Natural Anomalies. Archaeological Prospection, 2013, 20, 233-247.	1.1	15
33	Moving though markets. Journal of Maps, 2013, 9, 161-177.	1.0	3
34	Pattern identification using rough set clustering for spatio-temporal dataset. , 2013, , .		2
35	Geons – domain-specific regionalization of space. Cartography and Geographic Information Science, 2014, 41, 214-226.	1.4	37
36	A refinement of models projecting future Canadian fire regimes using homogeneous fire regime zones. Canadian Journal of Forest Research, 2014, 44, 365-376.	0.8	194

#	Article	IF	CITATIONS
37	Identifying regions based on flexible user-defined constraints. International Journal of Geographical Information Science, 2014, 28, 164-184.	2.2	24
38	Combining Geoâ€∢scp>SOM and Hierarchical Clustering to Explore Geospatial Data. Transactions in GIS, 2014, 18, 125-146.	1.0	15
39	Analyzing Relatedness by Toponym Coâ€ <scp>O</scp> ccurrences on Web Pages. Transactions in GIS, 2014, 18, 89-107.	1.0	64
40	Sensitivity analysis in the context of regional safety modeling: Identifying and assessing the modifiable areal unit problem. Accident Analysis and Prevention, 2014, 70, 110-120.	3.0	78
41	Using a Bayesian estimator to combine information from a cluster analysis and remote sensing data to estimate high-resolution data for agricultural production in Germany. International Journal of Geographical Information Science, 2014, 28, 1744-1764.	2.2	17
42	Spatially constrained clustering of ecological networks. Methods in Ecology and Evolution, 2014, 5, 771-779.	2.2	20
43	Development of zone system for macro-level traffic safety analysis. Journal of Transport Geography, 2014, 38, 13-21.	2.3	95
44	Addressing the Modifiable Areal Unit Problem in Traffic Safety: Definition, Potential Solutions, and Future Research., 2014,,.		2
45	Constructing Geographic Areas by REDCAP and MLR for Analysis of Homicide Rates: A Case Study of New Orleans, Louisiana. Papers in Applied Geography, 2015, 1, 295-306.	0.8	5
46	Regionalization of Youth and Adolescent Weight Metrics for the Continental United States Using Contiguity-Constrained Clustering and Partitioning. Cartographica, 2015, 50, 61-70.	0.2	3
47	Where Broken Windows Should Be Fixed. Journal of Research in Crime and Delinquency, 2015, 52, 511-533.	1.7	12
48	Regionalization and Spatiotemporal Variation of Drought in China Based on Standardized Precipitation Evapotranspiration Index (1961–2013). Advances in Meteorology, 2015, 2015, 1-18.	0.6	61
49	A column generation heuristic for districting the price of a financial product. Journal of the Operational Research Society, 2015, 66, 965-978.	2.1	7
50	Terra Populus: Integrated Data on Population and Environment. , 2015, , .		3
51	A Generative Spatial Clustering Model for Random Data through Spanning Trees. , 2015, , .		6
52	A survey on data mining and knowledge discovery techniques for spatial data. International Journal of Business Information Systems, 2015, 19, 265.	0.2	4
53	A perception-based color recommendation algorithm for hierarchical regions. Cartography and Geographic Information Science, 2015, 42, 259-270.	1.4	3
55	Modelling the impacts of spatial heterogeneity in soil hydraulic properties on hydrological process in the upper reach of the Heihe River in the Qilian Mountains, Northwest China. Hydrological Processes, 2015, 29, 3318-3327.	1.1	40

#	ARTICLE	IF	Citations
56	SimpliFly: A Methodology for Simplification and Thematic Enhancement of Trajectories. IEEE Transactions on Visualization and Computer Graphics, 2015, 21, 107-121.	2.9	21
57	Polygonal Clustering Analysis Using Multilevel Graphâ€Partition. Transactions in GIS, 2015, 19, 716-736.	1.0	17
58	A Place-Oriented, Mixed-Level Regionalization Method for Constructing Geographic Areas in Health Data Dissemination and Analysis. Annals of the American Association of Geographers, 2015, 105, 48-66.	3.0	24
59	Finding community structure in spatially constrained complex networks. International Journal of Geographical Information Science, 2015, 29, 889-911.	2.2	52
60	Application of trajectory clustering and regionalization to ocean eddies in the South China Sea. , 2015, , $\cdot$		2
61	Summarizing numeric spatial data streams by trend cluster discovery. Data Mining and Knowledge Discovery, 2015, 29, 84-136.	2.4	24
62	A Hybrid Method for Interpolating Missing Data in Heterogeneous Spatio-Temporal Datasets. ISPRS International Journal of Geo-Information, 2016, 5, 13.	1.4	20
63	Assessment of <scp>NARCCAP</scp> model in simulating rainfall extremes using a spatially constrained regionalization method. International Journal of Climatology, 2016, 36, 2368-2378.	1.5	9
64	Developing intermediate zones for analysing the social geography of Auckland, New Zealand. New Zealand Geographer, 2016, 72, 14-27.	0.4	13
65	Clustering of heterogeneous networks with directional flows based on "Snake―similarities. Transportation Research Part B: Methodological, 2016, 91, 250-269.	2.8	177
66	SPAWNN: A Toolkit for <i>SP</i> atial <i>A</i> nalysis <i>W</i> ith Selfâ€Organizing <i>N</i> eural <i>N</i> etworks. Transactions in GIS, 2016, 20, 755-774.	1.0	16
67	Built environment in local relation with walking: Why here and not there?. Journal of Transport and Health, 2016, 3, 500-512.	1.1	35
68	Understanding U.S. regional linguistic variation with Twitter data analysis. Computers, Environment and Urban Systems, 2016, 59, 244-255.	3.3	105
69	MobilityGraphs: Visual Analysis of Mass Mobility Dynamics via Spatio-Temporal Graphs and Clustering. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 11-20.	2.9	155
70	Identifying an optimal analysis level in multiscalar regionalization: A study case of social distress in Greater Santiago. Computers, Environment and Urban Systems, 2016, 56, 14-24.	3.3	12
71	Application of Unsupervised Clustering Techniques for Management Zone Delineation: Case Study of Variable Rate Irrigation in Southern Alberta, Canada. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, .	0.6	19
72	Spatially constrained clustering of ecological units to facilitate the design of integrated water monitoring networks in the St. Lawrence Basin. International Journal of Geographical Information Science, 2016, 30, 390-404.	2.2	5
73	Regionalization of Multiscale Spatial Processes by Using a Criterion for Spatial Aggregation Error. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 815-832.	1.1	32

#	Article	IF	CITATIONS
75	Potential impact of climate change on the risk of windthrow in eastern Canada's forests. Climatic Change, 2017, 143, 487-501.	1.7	30
76	Effective community search over large spatial graphs. Proceedings of the VLDB Endowment, 2017, 10, 709-720.	2.1	137
77	Multiâ€scale approach to mining significant spatial coâ€location patterns. Transactions in GIS, 2017, 21, 1023-1039.	1.0	12
78	A new generation of Primary Care Service Areas or general practice catchment areas. Transactions in GIS, 2017, 21, 1379-1390.	1.0	1
79	Quantifying the Visual Impact of Classification Boundaries in Choropleth Maps. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 371-380.	2.9	13
80	Spatiotemporal aggregation for temporally extensive international microdata. Computers, Environment and Urban Systems, 2017, 63, 26-37.	3.3	6
81	A Novel Analysis Method of Geographical Centrality Based on Space of Flows. ISPRS International Journal of Geo-Information, 2017, 6, 153.	1.4	6
82	Current and projected cumulative impacts of fire, drought, and insects on timber volumes across Canada. Ecological Applications, 2018, 28, 1245-1259.	1.8	56
83	Detecting spatial community structure in movements. International Journal of Geographical Information Science, 2018, 32, 1326-1347.	2.2	28
84	Urban green valuation integrating biophysical and qualitative aspects. European Journal of Remote Sensing, 2018, 51, 116-131.	1.7	3
85	An Areaâ€Based Approach for Estimating Extreme Precipitation Probability. Geographical Analysis, 2018, 50, 314-333.	1.9	3
86	Multi-objective spatially constrained clustering for regionalization with particle swarm optimization. International Journal of Geographical Information Science, 2018, 32, 827-846.	2.2	6
87	Automated Delineation of Hospital Service Areas and Hospital Referral Regions by Modularity Optimization. Health Services Research, 2018, 53, 236-255.	1.0	38
88	The modifiable areal unit problem in traffic safety: Basic issue, potential solutions and future research. Journal of Traffic and Transportation Engineering (English Edition), 2018, 5, 73-82.	2.0	17
90	The Application of the SPAWNN Toolkit to the Socioeconomic Analysis of Chicago, Illinois. Geotechnologies and the Environment, 2018, , 75-90.	0.3	0
91	Heterogeneous Space–Time Artificial Neural Networks for Space–Time Series Prediction. Transactions in GIS, 2018, 22, 183-201.	1.0	23
92	Optimal Segmentation of High-Resolution Remote Sensing Image by Combining Superpixels With the Minimum Spanning Tree. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 228-238.	2.7	59
93	Detecting Attribute-Based Homogeneous Patches Using Spatial Clustering: A Comparison Test. Lecture Notes in Geoinformation and Cartography, 2018, , 37-54.	0.5	2

#	ARTICLE	IF	CITATIONS
94	Characterizing combined fire and insect outbreak disturbance regimes in British Columbia, Canada. Landscape Ecology, 2018, 33, 1997-2011.	1.9	13
95	Location- and relation-based clustering on privacy-preserving social networks. Tsinghua Science and Technology, 2018, 23, 453-462.	4.1	4
96	Capitalizing on a wealth of spatial information: Improving biogeographic regionalization through the use of spatial clustering. Applied Geography, 2018, 99, 98-108.	1.7	4
97	Knowledge Discovery Process for Detection of Spatial Outliers. Lecture Notes in Computer Science, 2018, , 57-68.	1.0	0
98	Regionalization of Social Interactions and Points-of-Interest Location Prediction With Geosocial Data. IEEE Access, 2018, 6, 34334-34353.	2.6	19
99	Urban Dynamics and GIScience. , 2018, , 297-312.		1
100	Spatial Analysis Methods. , 2018, , 125-147.		2
101	DASSCAN: A Density and Adjacency Expansion-Based Spatial Structural Community Detection Algorithm for Networks. ISPRS International Journal of Geo-Information, 2018, 7, 159.	1.4	8
102	Visual analysis of traffic data based on topic modeling (ChinaVis 2017). Journal of Visualization, 2018, 21, 661-680.	1.1	17
103	On Spatial-Aware Community Search. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 783-798.	4.0	47
104	A regionalization method for clustering and partitioning based on trajectories from NLP perspective. International Journal of Geographical Information Science, 2019, 33, 2385-2405.	2.2	19
105	Analyzing Population Density Disparity in China with GIS-automated Regionalization: The Hu Line Revisited. Chinese Geographical Science, 2019, 29, 541-552.	1.2	27
106	Population distribution patterns and changes in China 1953–2010. Journal of Chinese Geography, 2019, 29, 1908-1922.	1.5	7
107	Investigation of the consequences of the modifiable areal unit problem in macroscopic traffic safety analysis: A case study accounting for scale and zoning. Accident Analysis and Prevention, 2019, 132, 105276.	3.0	10
108	Disparity in Spatial Access to Public Daycare and Kindergarten across GIS-Constructed Regions in Seoul, South Korea. Sustainability, 2019, 11, 5503.	1.6	9
109	Multivariate Maps—A Glyph-Placement Algorithm to Support Multivariate Geospatial Visualization. Information (Switzerland), 2019, 10, 302.	1.7	5
110	Spatially constrained regionalization with multilayer perceptron. Transactions in GIS, 2019, 23, 1048-1077.	1.0	7
111	Regionalization and Partitioning of Soil Health Indicators for Nigeria Using Spatially Contiguous Clustering for Economic and Social-Cultural Developments. ISPRS International Journal of Geo-Information, 2019, 8, 458.	1.4	7

#	ARTICLE	IF	CITATIONS
112	Integrating Geovisual Analytics with Machine Learning for Human Mobility Pattern Discovery. ISPRS International Journal of Geo-Information, 2019, 8, 434.	1.4	10
113	Detecting clusters over intercity transportation networks using K-shortest paths and hierarchical clustering: a case study of mainland China. International Journal of Geographical Information Science, 2019, 33, 1082-1105.	2.2	16
114	The effects of traffic zoning with regular geometric shapes on the precision of trip production models. Journal of Transport Geography, 2019, 78, 150-159.	2.3	15
115	Two-stage permutation tests for determining homogeneity within a spatial cluster. International Journal of Geographical Information Science, 2019, 33, 1718-1738.	2.2	6
116	Spatial homogeneity and heterogeneity of energy poverty: a neglected dimension. Annals of GIS, 2019, 25, 19-31.	1.4	44
117	Effective Geo-Social Group Detection in Location-Based Social Networks. , 2019, , .		0
118	A density-based approach for detecting network-constrained clusters in spatial point events. International Journal of Geographical Information Science, 2019, 33, 466-488.	2.2	19
119	Habitation environment suitability and population density patterns in China: A regionalization approach. Growth and Change, 2019, 50, 184-200.	1.3	14
120	Delineating urbanization "source-sink―regions in China: Evidence from mobile app data. Cities, 2019, 86, 167-177.	2.7	21
121	Regionalization of school youth obesity and overweight in Texas by considering both body mass index and socioeconomic status. Geo Journal, 2019, 84, 55-69.	1.7	0
122	Analyzing Spatial Heterogeneity of Housing Prices Using Large Datasets. Applied Spatial Analysis and Policy, 2020, 13, 223-256.	1.0	32
123	Geospatial Technologies for Urban Health. Global Perspectives on Health Geography, 2020, , .	0.2	4
124	Experimental and Quantitative Methods in Contemporary Economics. Springer Proceedings in Business and Economics, 2020, , .	0.3	3
125	A survey of community search over big graphs. VLDB Journal, 2020, 29, 353-392.	2.7	173
126	Graph-based determination of structural controllability and observability for pressure and temperature dynamics during steam-assisted gravity drainage operation. Journal of Process Control, 2020, 86, 65-80.	1.7	0
127	Why public health needs GIS: a methodological overview. Annals of GIS, 2020, 26, 1-12.	1.4	88
128	Geospatial Clustering for Balanced and Proximal Schools. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13358-13365.	3.6	5
129	Jim Crow and the Spatial Mismatch Hypothesis. American Journal of Sociology, 2020, 126, 407-452.	0.3	1

#	ARTICLE	IF	CITATIONS
130	Rural risk environments, opioid-related overdose, and infectious diseases: A multidimensional, spatial perspective. International Journal of Drug Policy, 2020, 85, 102727.	1.6	29
131	Feedback perimeter control with online estimation of maximum throughput for an incident-affected road network. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 81-99.	2.6	6
132	Tobler's Law in a Multivariate World. Geographical Analysis, 2020, 52, 494-510.	1.9	31
133	On the use of Markov chain models for drought class transition analysis while considering spatial effects. Natural Hazards, 2020, 103, 2945-2959.	1.6	14
134	Conflicting Goals of Redistricting: Do Districts That Maximize Competition Reckon with Communities of Interest?. Election Law Journal: Rules, Politics, and Policy, 2020, 19, 451-471.	0.3	3
135	Integrating Remote Sensing and Street View Images to Quantify Urban Forest Ecosystem Services. Remote Sensing, 2020, 12, 329.	1.8	38
136	Quantification of Neighborhood-Level Social Determinants of Health in the Continental United States. JAMA Network Open, 2020, 3, e1919928.	2.8	122
137	Efficient regionalization for spatially explicit neighborhood delineation. International Journal of Geographical Information Science, 2021, 35, 135-151.	2.2	13
138	A tale of two cities: Jobs–housing balance and urban spatial structures from the perspective of transit commuters. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1543-1557.	1.0	5
139	Neighborhood Dynamics with Unharmonized Longitudinal Data. Geographical Analysis, 2021, 53, 170-191.	1.9	7
140	Regionalization for urban air mobility application with analyses of 3D urban space and geodemography in San Francisco and New York. Procedia Computer Science, 2021, 184, 388-395.	1.2	5
141	A Clustering Framework to Reveal the Structural Effect Mechanisms of Natural and Social Factors on PM2.5 Concentrations in China. Sustainability, 2021, 13, 1428.	1.6	6
142	Using Restaurant POI Data to Explore Regional Structure of Food Culture Based on Cuisine Preference. ISPRS International Journal of Geo-Information, 2021, 10, 38.	1.4	10
143	Distribution of Chinese traditional villages and influencing factors for regionalization. Ciencia Rural, 2021, 51, .	0.3	4
144	A model predictive perimeter control with real-time partitions. IFAC-PapersOnLine, 2021, 54, 292-297.	0.5	8
145	A Probabilistic Approach to Address Data Uncertainty in Regionalization. Geographical Analysis, 2022, 54, 405-426.	1.9	7
146	A multi-objective genetic algorithm approach to design optimal zoning systems for freight transportation planning. Journal of Transport Geography, 2021, 92, 103037.	2.3	16
147	Spatio-temporal stability of housing submarkets. Tracking spatial location of clusters of geographically weighted regression estimates of price determinants. Land Use Policy, 2021, 103, 105292.	2.5	20

#	Article	IF	CITATIONS
148	Detecting spatiotemporal extents of traffic congestion: a density-based moving object clustering approach. International Journal of Geographical Information Science, 2021, 35, 1449-1473.	2.2	14
149	A quantitative comparison of regionalization methods. International Journal of Geographical Information Science, 2021, 35, 2287-2315.	2.2	12
150	Analysis of urban agglomeration structure through spatial network and mobile phone data. Transactions in GIS, 2021, 25, 1949-1969.	1.0	20
151	A review of the role of spatial resolution in energy systems modelling: Lessons learned and applicability to the North Sea region. Renewable and Sustainable Energy Reviews, 2021, 141, 110857.	8.2	40
152	Evaluation of the Equity and Regional Management of Some Urban Green Space Ecosystem Services: A Case Study of Main Urban Area of Xi'an City. Forests, 2021, 12, 813.	0.9	10
153	Classification and trends in intermittent river flow regimes in Australia, northwestern Europe and USA: A global perspective. Journal of Hydrology, 2021, 597, 126170.	2.3	37
154	Regionalization for urban air mobility application in metropolitan areas: case studies in San Francisco and New York. International Journal of Traffic and Transportation Management, 2021, 3, .	0.2	0
155	Study on the Evolution of the Source-Flow-Sink Pattern of China's Chunyun Population Migration Network: Evidence from Tencent Big Data. Urban Science, 2021, 5, 66.	1.1	4
156	Measuring hub locations in time-evolving spatial interaction networks based on explicit spatiotemporal coupling and group centrality. International Journal of Geographical Information Science, 2022, 36, 360-381.	2.2	7
157	Serving a Segregated Metropolitan Area: Disparities in Spatial Access to Primary Care Physicians in Baton Rouge, Louisiana. Global Perspectives on Health Geography, 2020, , 75-94.	0.2	5
158	Discovering Multi-Scale Community Structures from the Interpersonal Communication Network on Twitter. Advances in Geographic Information Science, 2018, , 87-102.	0.3	5
159	Exploratory Hierarchical Clustering for Management Zone Delineation in Precision Agriculture. Lecture Notes in Computer Science, 2011, , 161-173.	1.0	14
161	A new zone system to analyze the spatial relationships between the built environment and traffic safety. Journal of Transport Geography, 2020, 84, 102699.	2.3	21
163	Network optimization approach to delineating health care service areas: Spatially constrained Louvain and Leiden algorithms. Transactions in GIS, 2021, 25, 1065-1081.	1.0	21
164	SKATER-CON., 2018,,.		12
165	Maximum co-located community search in large scale social networks. Proceedings of the VLDB Endowment, 2018, 11, 1233-1246.	2.1	71
166	Topic-based community search over spatial-social networks. Proceedings of the VLDB Endowment, 2020, 13, 2104-2117.	2.1	16
167	Knowledge Discovery Process for Description of Spatially Referenced Clusters. , 2017, , .		1

#	Article	IF	CITATIONS
168	Spatial weight matrix impact on real estate hierarchical clustering in the process of mass valuation. Oeconomia Copernicana, 2019, 10, 131-151.	2.4	2
169	Dominant process zones in a mixed fluvial–tidal delta are morphologically distinct. Earth Surface Dynamics, 2020, 8, 809-824.	1.0	6
170	An Analysis of the Level of Development in Malang Regency Based on a Typology of Development Regions. Journal of Regional and City Planning, 2018, 29, 1.	0.5	3
171	Recurrent origin–destination network for exploration of human periodic collective dynamics. Transactions in GIS, 0, , .	1.0	3
172	Big Data Analytics for Climate-Resilient Food Supply Chains: Opportunities and Way Forward. Studies in Big Data, 2022, , 181-192.	0.8	1
173	Necessary Condition for a Region to Be Divided into Spatially Contiguous, Homogeneous Subregions. Geographical Review of Japan Series A, 2010, 83, 585-599.	0.4	0
174	Spatial Data Analysis and Geoinformation Extraction. , 2010, , 145-203.		0
177	EasySDM - An Integrated and Easy to Use Spatial Data Mining Platform. , 2015, , .		0
178	Graph Regionalization with Clustering and Partitioning: An Application for Daily Commuting Flows in Albania. SSRN Electronic Journal, 0, , .	0.4	0
179	Optimization of Location Attractiveness Zones for the Purpose of Property Mass Appraisal. Springer Proceedings in Business and Economics, 2020, , 277-289.	0.3	0
180	Exploratory Spatial Data Analysis Tools and Statistics. , 2020, , 59-146.		0
181	Spatial Econometrics. , 2020, , 451-504.		1
183	Spatial Autocorrelation. , 2020, , 207-274.		4
184	Analyzing Geographic Distributions and Point Patterns. , 2020, , 147-206.		1
185	Think Spatially. , 2020, , 1-58.		1
186	Modeling Relationships. , 2020, , 351-450.		0
189	Multivariate Data in Geography. , 2020, , 275-350.		0
190	Regional Variation in Forest Canopy Height and Implications for Koala (Phascolarctos cinereus) Habitat Mapping and Forest Management. Forests, 2021, 12, 1494.	0.9	3

#	ARTICLE	IF	CITATIONS
191	Restoring SAR Images Using Effective Image Restoration Approach. International Journal of Information Retrieval Research, 2021, 12, 1-16.	0.6	0
192	TOP-R Keyword-Aware Community Search. Lecture Notes in Computer Science, 2020, , 251-265.	1.0	1
193	The maxâ€ <i>p</i> àâ€compactâ€regions problem. Transactions in GIS, 2022, 26, 717-734.	1.0	3
194	GeoDa, From the Desktop to an Ecosystem for Exploring Spatial Data. Geographical Analysis, 2022, 54, 439-466.	1.9	20
195	The integration of urban streetscapes provides the possibility to fully quantify the ecological landscape of urban green spaces: A case study of Xi'an city. Ecological Indicators, 2021, 133, 108388.	2.6	15
196	The private rental housing market before and during the COVID-19 pandemic: A submarket analysis in Cracow, Poland. Environment and Planning B: Urban Analytics and City Science, 2022, 49, 1646-1662.	1.0	16
197	Flowmapper.org: a web-based framework for designing origin–destination flow maps. Journal of Maps, 2023, 19, .	1.0	3
198	Spatial autocorrelation informed approaches to solving location–allocation problems. Spatial Statistics, 2022, 50, 100612.	0.9	10
199	GIS-automated delineation of hospital service areas in Florida: from Dartmouth method to network community detection methods. Annals of GIS, 2022, 28, 93-109.	1.4	7
200	A framework for spatial regionalization composed of novel clusteringâ€based algorithms under spatial contiguity constraints. Transactions in GIS, 0, , .	1.0	2
201	Constructing segmented rental housing indices: evidence from Beijing, China. Property Management, 2022, ahead-of-print, .	0.4	2
202	Regionalization with Self-Organizing Maps for Sharing Higher Resolution Protected Health Information. Annals of the American Association of Geographers, 0, , 1-24.	1.5	1
203	PRUC. Proceedings of the VLDB Endowment, 2021, 15, 491-503.	2.1	0
204	Clustering with implicit constraints: A novel approach to housing market segmentation. Transactions in GIS, 2022, 26, 585-608.	1.0	3
205	Spatial machine learning: new opportunities for regional science. Annals of Regional Science, 2022, 68, 713-755.	1.0	24
206	Spatially and Robustly Hybrid Mixture Regression Model for Inference of Spatial Dependence. , 2021, , .		0
207	Urban Road Network Partitioning Based on Bi-Modal Traffic Flows With Multiobjective Optimization. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20664-20680.	4.7	4
208	Partitioning of urban networks with polycentric congestion pattern for traffic management policies: Identifying protected networks. Computer-Aided Civil and Infrastructure Engineering, 2023, 38, 508-527.	6.3	3

#	Article	IF	CITATIONS
209	Regionalization Methods in Urban Planning and its Related Fields., 2009, 8, 106-113.		0
210	Visual Parameter Selection for Spatial Blind Source Separation. Computer Graphics Forum, 2022, 41, 157-168.	1.8	4
211	How to improve urban transportation planning in big data era? A practice in the study of traffic analysis zone delineation. Transport Policy, 2022, 127, 1-14.	3.4	9
212	The spatial pattern of agricultural ecosystem services from the production-living-ecology perspective: A case study of the Huaihai Economic Zone, China. Land Use Policy, 2022, 122, 106355.	2.5	19
213	GATC and DeepCut: Deep spatiotemporal feature extraction and clustering for large-scale transportation network partition. Physica A: Statistical Mechanics and Its Applications, 2022, 606, 128110.	1.2	5
214	Delineating urban functional zones using mobile phone data: A case study of cross-boundary integration in Shenzhen-Dongguan-Huizhou area. Computers, Environment and Urban Systems, 2022, 98, 101872.	3.3	7
215	Developing Geographic Areas for Cancer Reporting Using Automated Zone Design. American Journal of Epidemiology, 2022, 191, 2109-2119.	1.6	2
216	Modeling of spatial stratified heterogeneity. GIScience and Remote Sensing, 2022, 59, 1660-1677.	2.4	12
217	Spatial-Aware Local Community Detection Guided by Dominance Relation. IEEE Transactions on Computational Social Systems, 2023, 10, 686-699.	3.2	3
218	Mapping migration regions and their evolution from population-scale family trees. , 2022, , .		0
219	SMP., 2022,,.		2
220	Remote sensing shows south-east Queensland koalas (Phascolarctos cinereus) prefer areas of higher tree canopy height within their home ranges. Wildlife Research, 2023, 50, 939-953.	0.7	0
221	A multivariate hierarchical regionalization method to discovering spatiotemporal patterns. GIScience and Remote Sensing, 2023, 60, .	2.4	2
222	Hierarchical clustering with spatial adjacency constraints in heavy-tailed areal data. Communications in Statistics Part B: Simulation and Computation, 0, , 1-21.	0.6	0
223	Is your neighbor your friend? Scan methods for spatial social network hotspot detection. Transactions in GIS, 2023, 27, 607-625.	1.0	1
245	The Regionalization of Ecosystem Services to Support Sustainable Planning: The Case Study of the Province of Potenza. Lecture Notes in Civil Engineering, 2024, , 150-156.	0.3	0