

Ickjai Lee

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,334
citations

471061

17
h-index

395343

33
g-index

93
all docs

93
docs citations

93
times ranked

1190
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | CoroDet: A deep learning based classification for COVID-19 detection using chest X-ray images. Chaos, Solitons and Fractals, 2021, 142, 110495. | 2.5 | 274 |
| 2 | Itinerary recommender system with semantic trajectory pattern mining from geo-tagged photos. Expert Systems With Applications, 2018, 94, 32-40. | 4.4 | 82 |
| 3 | Exploration of geo-tagged photos through data mining approaches. Expert Systems With Applications, 2014, 41, 397-405. | 4.4 | 76 |
| 4 | Hierarchical trajectory clustering for spatio-temporal periodic pattern mining. Expert Systems With Applications, 2018, 92, 1-11. | 4.4 | 59 |
| 5 | Mining co-distribution patterns for large crime datasets. Expert Systems With Applications, 2012, 39, 11556-11563. | 4.4 | 43 |
| 6 | Mobile augmented reality based context-aware library management system. Expert Systems With Applications, 2014, 41, 2174-2185. | 4.4 | 41 |
| 7 | Spatio-temporal Sequential Pattern Mining for Tourism Sciences. Procedia Computer Science, 2014, 29, 379-389. | 1.2 | 40 |
| 8 | Multi-Level Clustering and its Visualization for Exploratory Spatial Analysis. Geoinformatica, 2002, 6, 123-152. | 2.0 | 37 |
| 9 | Fast action recognition using negative space features. Expert Systems With Applications, 2014, 41, 574-587. | 4.4 | 32 |
| 10 | A generic triangle-based data structure of the complete set of higher order Voronoi diagrams for emergency management. Computers, Environment and Urban Systems, 2009, 33, 90-99. | 3.3 | 29 |
| 11 | Document-level multi-topic sentiment classification of Email data with BiLSTM and data augmentation. Knowledge-Based Systems, 2020, 197, 105918. | 4.0 | 29 |
| 12 | Crime analysis through spatial areal aggregated density patterns. Geoinformatica, 2011, 15, 49-74. | 2.0 | 25 |
| 13 | Sequential pattern mining of geo-tagged photos with an arbitrary regions-of-interest detection method. Expert Systems With Applications, 2014, 41, 3514-3526. | 4.4 | 25 |
| 14 | Mining Points-of-Interest Association Rules from Geo-tagged Photos. , 2013, , . | | 24 |
| 15 | Interactive Analysis Using Voronoi Diagrams: Algorithms to Support Dynamic Update from a Generic Triangle-based Data Structure. Transactions in GIS, 2002, 6, 89-114. | 1.0 | 22 |
| 16 | Geographic Forwarding and Routing for Ad-hoc Wireless Network: A Survey. , 2009, , . | | 21 |
| 17 | Extracting features with medical sentiment lexicon and position encoding for drug reviews. Health Information Science and Systems, 2019, 7, 11. | 3.4 | 21 |
| 18 | Mining distinct and contiguous sequential patterns from large vehicle trajectories. Knowledge-Based Systems, 2020, 189, 105076. | 4.0 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Sequence encoding incorporated CNN model for Email document sentiment classification. Applied Soft Computing Journal, 2021, 102, 107104. | 4.1 | 20 |
| 20 | Semantic periodic pattern mining from spatio-temporal trajectories. Information Sciences, 2019, 502, 164-189. | 4.0 | 19 |
| 21 | A general methodology for n-dimensional trajectory clustering. Expert Systems With Applications, 2015, 42, 7573-7581. | 4.4 | 18 |
| 22 | A probabilistic stop and move classifier for noisy GPS trajectories. Data Mining and Knowledge Discovery, 2018, 32, 1634-1662. | 2.4 | 18 |
| 23 | Email Sentiment Analysis Through <i>k</i> -Means Labeling and Support Vector Machine Classification. Cybernetics and Systems, 2018, 49, 181-199. | 1.6 | 18 |
| 24 | Mining hierarchical semantic periodic patterns from GPS-collected spatio-temporal trajectories. Expert Systems With Applications, 2019, 122, 85-101. | 4.4 | 17 |
| 25 | URBAN CRIME ANALYSIS THROUGH AREAL CATEGORIZED MULTIVARIATE ASSOCIATIONS MINING. Applied Artificial Intelligence, 2008, 22, 483-499. | 2.0 | 16 |
| 26 | EXPLORATION OF MASSIVE CRIME DATA SETS THROUGH DATA MINING TECHNIQUES. Applied Artificial Intelligence, 2011, 25, 362-379. | 2.0 | 15 |
| 27 | Discovering sentiment sequence within email data through trajectory representation. Expert Systems With Applications, 2018, 99, 1-11. | 4.4 | 15 |
| 28 | Mining Semantic Trajectory Patterns from Geo-Tagged Data. Journal of Computer Science and Technology, 2018, 33, 849-862. | 0.9 | 15 |
| 29 | Spatio-Temporal GRU for Trajectory Classification. , 2019, , . | | 15 |
| 30 | Clustering with obstacles for Geographical Data Mining. ISPRS Journal of Photogrammetry and Remote Sensing, 2004, 59, 21-34. | 4.9 | 14 |
| 31 | A Hybrid Sentiment Analysis Framework for Large Email Data. , 2015, , . | | 13 |
| 32 | Mining place-matching patterns from spatio-temporal trajectories using complex real-world places. Expert Systems With Applications, 2019, 122, 334-350. | 4.4 | 13 |
| 33 | MPL-GAN: Toward Realistic Meteorological Predictive Learning Using Conditional GAN. IEEE Access, 2020, 8, 93179-93186. | 2.6 | 13 |
| 34 | Fast Cluster Polygonization and its Applications in Data-Rich Environments. Geoinformatica, 2006, 10, 399-422. | 2.0 | 12 |
| 35 | Criteria on Proximity Graphs for Boundary Extraction and Spatial Clustering. Lecture Notes in Computer Science, 2001, , 348-357. | 1.0 | 12 |
| 36 | Mining Mobility Patterns from Geotagged Photos Through Semantic Trajectory Clustering. Cybernetics and Systems, 2018, 49, 234-256. | 1.6 | 11 |

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| 37 | Periodic Pattern Mining for Spatio-Temporal Trajectories: A Survey. , 2015, , . | | 10 |
| 38 | Geographic knowledge discovery from Web Map segmentation through generalized Voronoi diagrams. Expert Systems With Applications, 2012, 39, 9376-9388. | 4.4 | 9 |
| 39 | What-if Emergency Management System: A Generalized Voronoi Diagram Approach. , 2007, , 58-69. | | 9 |
| 40 | Mining top-k and bottom-k correlative crime patterns through graph representations. , 2009, , . | | 8 |
| 41 | Mining qualitative patterns in spatial cluster analysis. Expert Systems With Applications, 2012, 39, 1753-1762. | 4.4 | 8 |
| 42 | Map segmentation for geospatial data mining through generalized higher-order Voronoi diagrams with sequential scan algorithms. Expert Systems With Applications, 2012, 39, 11135-11148. | 4.4 | 8 |
| 43 | Points-of-Interest Mining from People's Photo-Taking Behavior. , 2013, , . | | 8 |
| 44 | An Empirical Study of Knowledge Representation and Learning within Conceptual Spaces for Intelligent Agents. , 2007, , . | | 7 |
| 45 | Hand-Held Mobile Augmented Reality for Collaborative Problem Solving: A Case Study with Sorting. , 2014, , . | | 7 |
| 46 | Visual Analytics of Topological Higher Order Information for Emergency Management Based on Tourism Trajectory Datasets. Procedia Computer Science, 2014, 29, 683-691. | 1.2 | 7 |
| 47 | Mining Frequent Trajectory Patterns and Regions-of-Interest from Flickr Photos. , 2014, , . | | 6 |
| 48 | A framework of spatio-temporal trajectory simplification methods. International Journal of Geographical Information Science, 2017, , 1-26. | 2.2 | 5 |
| 49 | Multi-level Clustering and Reasoning about Its Clusters Using Region Connection Calculus. Lecture Notes in Computer Science, 2003, , 283-294. | 1.0 | 5 |
| 50 | Discovering Common Semantic Trajectories from Geo-tagged Social Media. Lecture Notes in Computer Science, 2016, , 320-332. | 1.0 | 5 |
| 51 | Directional Higher Order Information for Spatio-Temporal Trajectory Dataset. , 2014, , . | | 4 |
| 52 | Fast OBJ file importing and parsing in CUDA. Computational Visual Media, 2015, 1, 229-238. | 10.8 | 4 |
| 53 | A Framework for Mining Semantic-Level Tourist Movement Behaviours from Geo-tagged Photos. Lecture Notes in Computer Science, 2016, , 519-524. | 1.0 | 4 |
| 54 | Criminal Cross Correlation Mining and Visualization. Lecture Notes in Computer Science, 2009, , 2-13. | 1.0 | 4 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Higher Order Voronoi Diagrams for Concept Boundaries and Tessellations. , 2007, , . | | 3 |
| 56 | Raster voronoi tessellation and its application to emergency modeling. Geo-Spatial Information Science, 2011, 14, 235-245. | 2.4 | 3 |
| 57 | Assessing the usability of students object-oriented language with first-year IT students. , 2013, , . | | 3 |
| 58 | Sentiment Classification with Medical Word Embeddings and Sequence Representation for Drug Reviews. Lecture Notes in Computer Science, 2018, , 75-86. | 1.0 | 3 |
| 59 | Generalized Voronoi Diagrams with Obstacles for Use in Geospatial Market Analysis and Strategy Decisions. , 2008, , . | | 2 |
| 60 | A Hybrid Grid-based Method for Mining Arbitrary Regions-of-Interest from Trajectories. , 2013, , . | | 2 |
| 61 | Interpolation of Sensory Data in the Presence of Obstacles. Procedia Computer Science, 2014, 29, 2496-2506. | 1.2 | 2 |
| 62 | Web-Based Collaborative Document Writing for Emergency Management. , 2016, , . | | 2 |
| 63 | Evaluating deep learned voice compression for use in video games. Expert Systems With Applications, 2021, 181, 115180. | 4.4 | 2 |
| 64 | Mining Medical Periodic Patterns from Spatio-Temporal Trajectories. Lecture Notes in Computer Science, 2018, , 123-133. | 1.0 | 2 |
| 65 | Geospatial Cluster Tessellation Through the Complete Order-k Voronoi Diagrams. , 2007, , 321-336. | | 2 |
| 66 | When Generalized Voronoi Diagrams Meet GeoWeb for Emergency Management. Lecture Notes in Computer Science, 2009, , 64-75. | 1.0 | 2 |
| 67 | Investigation into Alternative Representations for Intelligent Geoinformation Systems in Data-rich Environments. Journal of Software, 2009, 4, . | 0.6 | 2 |
| 68 | Multivariate Higher Order Information for Emergency Management Based on Tourism Trajectory Datasets. Lecture Notes in Computer Science, 2016, , 725-736. | 1.0 | 2 |
| 69 | AN ORDER-kVORONOI APPROACH TO GEOSPATIAL CONCEPT MANAGEMENT WITHIN CONCEPTUAL SPACES. Applied Artificial Intelligence, 2009, 23, 522-537. | 2.0 | 1 |
| 70 | Spatio-Temporal Trajectory Region-of-Interest Mining Using Delaunay Triangulation. , 2014, , . | | 1 |
| 71 | Multi-level medical periodic patterns from human movement behaviors. Health Information Science and Systems, 2019, 7, 9. | 3.4 | 1 |
| 72 | Visual analytical tools for multivariate higher-order information for emergency management. Journal of Visualization, 2020, 23, 721-743. | 1.1 | 1 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Context-Aware Mobile Augmented Reality for Library Management. Lecture Notes in Computer Science, 2013, , 510-517. | 1.0 | 1 |
| 74 | Profiling the Natural Environment Using Acoustics. , 2020, , . | | 1 |
| 75 | Geographic Knowledge Discovery from Geo-referenced Web 2.0. , 2008, , . | | 0 |
| 76 | Multiplicatively-weighted order-k Minkowski-metric Voronoi models for disaster decision support systems. , 2008, , . | | 0 |
| 77 | Multivariate Areal Aggregated Crime Analysis through Cross Correlation. , 2008, , . | | 0 |
| 78 | Hybrid Voronoi Areal Representation. , 2008, , . | | 0 |
| 79 | Raster Image Districting and Its Application to Geoinformation. , 2008, , . | | 0 |
| 80 | Qualitative Cluster Reasoning Framework for Decision Making. , 2009, , . | | 0 |
| 81 | Voronoi representation for areal data processing in data-rich environments. , 2009, , . | | 0 |
| 82 | A Voronoi-based model for emergency planning using sequential-scan algorithms. , 2009, , . | | 0 |
| 83 | Alternative Areal Decompositions: An Empirical Study. Transactions in GIS, 2011, 15, 17-42. | 1.0 | 0 |
| 84 | MARKET AREA ANALYSIS AND INTELLIGENCE THROUGH GEOWEB MAP SEGMENTATION. Cybernetics and Systems, 2012, 43, 445-458. | 1.6 | 0 |
| 85 | Low resolution grid mapping approach for geographic routing. International Journal of Mobile Communications, 2013, 11, 559. | 0.2 | 0 |
| 86 | Treemap Representations of Higher Order Information for Moving Objects. , 2015, , . | | 0 |
| 87 | DNA-chart visual tool for topological higher order information from spatio-temporal trajectory dataset. Expert Systems With Applications, 2018, 108, 28-35. | 4.4 | 0 |
| 88 | Common Clustering Algorithms. , 2020, , 531-564. | | 0 |
| 89 | A hybrid data gathering and agent based cognitive architecture for realistic crowd simulations. Journal of Simulation, 2023, 17, 121-148. | 1.0 | 0 |
| 90 | Hybrid Agglomerative Clustering for Large Databases: An Efficient Interactivity Approach. Lecture Notes in Computer Science, 2005, , 938-941. | 1.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Immersive virtual reality in a northern Queensland haemodialysis unit: Study protocol for a cross-over randomized controlled feasibility trial (ACTRN12621000732886). Contemporary Clinical Trials Communications, 2022, 28, 100956. | 0.5 | 0 |