

# Ickjai Lee

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5691539/ickjai-lee-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80  
papers

831  
citations

15  
h-index

25  
g-index

93  
ext. papers

1,084  
ext. citations

4  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
80	Sequence encoding incorporated CNN model for Email document sentiment classification. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 102, 107104	7.5	3
79	CoroDet: A deep learning based classification for COVID-19 detection using chest X-ray images. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 142, 110495	9.3	93
78	Evaluating deep learned voice compression for use in video games. <i>Expert Systems With Applications</i> , <b>2021</b> , 181, 115180	7.8	0
77	MPL-GAN: Toward Realistic Meteorological Predictive Learning Using Conditional GAN. <i>IEEE Access</i> , <b>2020</b> , 8, 93179-93186	3.5	3
76	Visual analytical tools for multivariate higher-order information for emergency management. <i>Journal of Visualization</i> , <b>2020</b> , 23, 721-743	1.6	1
75	Document-level multi-topic sentiment classification of Email data with BiLSTM and data augmentation. <i>Knowledge-Based Systems</i> , <b>2020</b> , 197, 105918	7.3	13
74	Common Clustering Algorithms <b>2020</b> , 531-564		
73	Mining distinct and contiguous sequential patterns from large vehicle trajectories. <i>Knowledge-Based Systems</i> , <b>2020</b> , 189, 105076	7.3	9
72	Semantic periodic pattern mining from spatio-temporal trajectories. <i>Information Sciences</i> , <b>2019</b> , 502, 164-189	7.7	12
71	Extracting features with medical sentiment lexicon and position encoding for drug reviews. <i>Health Information Science and Systems</i> , <b>2019</b> , 7, 11	5.1	10
70	Multi-level medical periodic patterns from human movement behaviors. <i>Health Information Science and Systems</i> , <b>2019</b> , 7, 9	5.1	0
69	Spatio-Temporal GRU for Trajectory Classification <b>2019</b> ,		4
68	Mining hierarchical semantic periodic patterns from GPS-collected spatio-temporal trajectories. <i>Expert Systems With Applications</i> , <b>2019</b> , 122, 85-101	7.8	12
67	Mining place-matching patterns from spatio-temporal trajectories using complex real-world places. <i>Expert Systems With Applications</i> , <b>2019</b> , 122, 334-350	7.8	9
66	Discovering sentiment sequence within email data through trajectory representation. <i>Expert Systems With Applications</i> , <b>2018</b> , 99, 1-11	7.8	11
65	DNA-chart visual tool for topological higher order information from spatio-temporal trajectory dataset. <i>Expert Systems With Applications</i> , <b>2018</b> , 108, 28-35	7.8	
64	Itinerary recommender system with semantic trajectory pattern mining from geo-tagged photos. <i>Expert Systems With Applications</i> , <b>2018</b> , 94, 32-40	7.8	57

63	Hierarchical trajectory clustering for spatio-temporal periodic pattern mining. <i>Expert Systems With Applications</i> , <b>2018</b> , 92, 1-11	7.8	45
62	Mining Semantic Trajectory Patterns from Geo-Tagged Data. <i>Journal of Computer Science and Technology</i> , <b>2018</b> , 33, 849-862	1.7	11
61	Email Sentiment Analysis Through k-Means Labeling and Support Vector Machine Classification. <i>Cybernetics and Systems</i> , <b>2018</b> , 49, 181-199	1.9	12
60	Mining Medical Periodic Patterns from Spatio-Temporal Trajectories. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 123-133	0.9	2
59	Sentiment Classification with Medical Word Embeddings and Sequence Representation for Drug Reviews. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 75-86	0.9	1
58	A probabilistic stop and move classifier for noisy GPS trajectories. <i>Data Mining and Knowledge Discovery</i> , <b>2018</b> , 32, 1634-1662	5.6	10
57	Mining Mobility Patterns from Geotagged Photos Through Semantic Trajectory Clustering. <i>Cybernetics and Systems</i> , <b>2018</b> , 49, 234-256	1.9	9
56	A framework of spatio-temporal trajectory simplification methods. <i>International Journal of Geographical Information Science</i> , <b>2017</b> , 1-26	4.1	4
55	Web-Based Collaborative Document Writing for Emergency Management <b>2016</b> ,		1
54	Discovering Common Semantic Trajectories from Geo-tagged Social Media. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 320-332	0.9	5
53	Visual Analytical Tool for Higher Order k-Means Clustering for Trajectory Data Mining. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 507-518	0.9	1
52	A Framework for Mining Semantic-Level Tourist Movement Behaviours from Geo-tagged Photos. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 519-524	0.9	2
51	Multivariate Higher Order Information for Emergency Management Based on Tourism Trajectory Datasets. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 725-736	0.9	1
50	A general methodology for n-dimensional trajectory clustering. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 7573-7581	7.8	15
49	Fast OBJ file importing and parsing in CUDA. <i>Computational Visual Media</i> , <b>2015</b> , 1, 229-238	3.9	1
48	Periodic Pattern Mining for Spatio-Temporal Trajectories: A Survey <b>2015</b> ,		8
47	A Hybrid Sentiment Analysis Framework for Large Email Data <b>2015</b> ,		7
46	Fast action recognition using negative space features. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 574-587	7.8	24

45	Mobile augmented reality based context-aware library management system. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 2174-2185	7.8	30
44	Sequential pattern mining of geo-tagged photos with an arbitrary regions-of-interest detection method. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 3514-3526	7.8	23
43	Interpolation of Sensory Data in the Presence of Obstacles. <i>Procedia Computer Science</i> , <b>2014</b> , 29, 2496-2506	5.0	1
42	Spatio-temporal Sequential Pattern Mining for Tourism Sciences. <i>Procedia Computer Science</i> , <b>2014</b> , 29, 379-389	1.6	35
41	Visual Analytics of Topological Higher Order Information for Emergency Management Based on Tourism Trajectory Datasets. <i>Procedia Computer Science</i> , <b>2014</b> , 29, 683-691	1.6	6
40	Mining Frequent Trajectory Patterns and Regions-of-Interest from Flickr Photos <b>2014</b> ,		3
39	Hand-Held Mobile Augmented Reality for Collaborative Problem Solving: A Case Study with Sorting <b>2014</b> ,		4
38	Directional Higher Order Information for Spatio-Temporal Trajectory Dataset <b>2014</b> ,		3
37	Exploration of geo-tagged photos through data mining approaches. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 397-405	7.8	66
36	Points-of-Interest Mining from People's Photo-Taking Behavior <b>2013</b> ,		5
35	A Hybrid Grid-based Method for Mining Arbitrary Regions-of-Interest from Trajectories <b>2013</b> ,		1
34	Mining Points-of-Interest Association Rules from Geo-tagged Photos <b>2013</b> ,		21
33	Low resolution grid mapping approach for geographic routing. <i>International Journal of Mobile Communications</i> , <b>2013</b> , 11, 559	1.2	
32	Context-Aware Mobile Augmented Reality for Library Management. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 510-517	0.9	
31	Mining qualitative patterns in spatial cluster analysis. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 1753-1762	7.0	7
30	Geographic knowledge discovery from Web Map segmentation through generalized Voronoi diagrams. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 9376-9388	7.8	6
29	Map segmentation for geospatial data mining through generalized higher-order Voronoi diagrams with sequential scan algorithms. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 11135-11148	7.8	7
28	Mining co-distribution patterns for large crime datasets. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 11556-11563	7.0	7

27	MARKET AREA ANALYSIS AND INTELLIGENCE THROUGH GEOWEB MAP SEGMENTATION. <i>Cybernetics and Systems</i> , <b>2012</b> , 43, 445-458	1.9	
26	Alternative Areal Decompositions: An Empirical Study. <i>Transactions in GIS</i> , <b>2011</b> , 15, 17-42	2.1	
25	Raster voronoi tessellation and its application to emergency modeling. <i>Geo-Spatial Information Science</i> , <b>2011</b> , 14, 235-245	3.5	3
24	Crime analysis through spatial areal aggregated density patterns. <i>Geoinformatica</i> , <b>2011</b> , 15, 49-74	2.5	20
23	EXPLORATION OF MASSIVE CRIME DATA SETS THROUGH DATA MINING TECHNIQUES. <i>Applied Artificial Intelligence</i> , <b>2011</b> , 25, 362-379	2.3	10
22	AN ORDER-k VORONOI APPROACH TO GEOSPATIAL CONCEPT MANAGEMENT WITHIN CONCEPTUAL SPACES. <i>Applied Artificial Intelligence</i> , <b>2009</b> , 23, 522-537	2.3	1
21	A generic triangle-based data structure of the complete set of higher order Voronoi diagrams for emergency management. <i>Computers, Environment and Urban Systems</i> , <b>2009</b> , 33, 90-99	5.9	22
20	Mining top-k and bottom-k correlative crime patterns through graph representations <b>2009</b> ,		5
19	<b>2009</b> ,		13
18	Investigation into Alternative Representations for Intelligent Geoinformation Systems in Data-rich Environments. <i>Journal of Software</i> , <b>2009</b> , 4,	3	2
17	When Generalized Voronoi Diagrams Meet GeoWeb for Emergency Management. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 64-75	0.9	1
16	Criminal Cross Correlation Mining and Visualization. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 2-13	0.9	3
15	Generalized Voronoi Diagrams with Obstacles for Use in Geospatial Market Analysis and Strategy Decisions <b>2008</b> ,		1
14	URBAN CRIME ANALYSIS THROUGH AREAL CATEGORIZED MULTIVARIATE ASSOCIATIONS MINING. <i>Applied Artificial Intelligence</i> , <b>2008</b> , 22, 483-499	2.3	13
13	Higher Order Voronoi Diagrams for Concept Boundaries and Tessellations <b>2007</b> ,		1
12	An Empirical Study of Knowledge Representation and Learning within Conceptual Spaces for Intelligent Agents <b>2007</b> ,		2
11	What-if Emergency Management System: A Generalized Voronoi Diagram Approach <b>2007</b> , 58-69		5
10	Geospatial Cluster Tessellation Through the Complete Order-k Voronoi Diagrams <b>2007</b> , 321-336		1

9	Fast Cluster Polygonization and its Applications in Data-Rich Environments. <i>Geoinformatica</i> , <b>2006</b> , 10, 399-422	2.5	8
8	Mining Positive Associations of Urban Criminal Activities Using Hierarchical Crime Hot Spots. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 127-132	0.9	1
7	Hybrid Agglomerative Clustering for Large Databases: An Efficient Interactivity Approach. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 938-941	0.9	
6	Clustering with obstacles for Geographical Data Mining. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2004</b> , 59, 21-34	11.8	8
5	Multi-level Clustering and Reasoning about Its Clusters Using Region Connection Calculus. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 283-294	0.9	4
4	Interactive Analysis Using Voronoi Diagrams: Algorithms to Support Dynamic Update from a Generic Triangle-based Data Structure. <i>Transactions in GIS</i> , <b>2002</b> , 6, 89-114	2.1	18
3	Multi-Level Clustering and its Visualization for Exploratory Spatial Analysis. <i>Geoinformatica</i> , <b>2002</b> , 6, 123-152	15.2	30
2	Criteria on Proximity Graphs for Boundary Extraction and Spatial Clustering. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 348-357	0.9	7
1	A hybrid data gathering and agent based cognitive architecture for realistic crowd simulations. <i>Journal of Simulation</i> , 1-28	1.9	