

Jin-Hyuk Hong

List of Publications by Year in descending order

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54
papers

1,733
citations

567247

15
h-index

377849

34
g-index

56
all docs

56
docs citations

56
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors influencing quality of experience of commonly used mobile applications. IEEE Communications Magazine, 2012, 50, 48-56.	6.1	265
2	Location-Based Recommendation System Using Bayesian User's Preference Model in Mobile Devices. Lecture Notes in Computer Science, 2007, , 1130-1139.	1.3	212
3	Understanding and prediction of mobile application usage for smart phones. , 2012, , .		198
4	Getting closer. , 2011, , .		152
5	A smartphone-based sensing platform to model aggressive driving behaviors. , 2014, , .		121
6	Fingerprint classification using one-vs-all support vector machines dynamically ordered with naïve Bayes classifiers. Pattern Recognition, 2008, 41, 662-671.	8.1	106
7	Efficient huge-scale feature selection with speciated genetic algorithm. Pattern Recognition Letters, 2006, 27, 143-150.	4.2	83
8	Toward Personalized Activity Recognition Systems With a Semipopulation Approach. IEEE Transactions on Human-Machine Systems, 2016, 46, 101-112.	3.5	76
9	The classification of cancer based on DNA microarray data that uses diverse ensemble genetic programming. Artificial Intelligence in Medicine, 2006, 36, 43-58.	6.5	68
10	A probabilistic multi-class strategy of one-vs.-rest support vector machines for cancer classification. Neurocomputing, 2008, 71, 3275-3281.	5.9	60
11	Understanding physiological responses to stressors during physical activity. , 2012, , .		42
12	ConaMSN: A context-aware messenger using dynamic Bayesian networks with wearable sensors. Expert Systems With Applications, 2010, 37, 4680-4686.	7.6	33
13	Studying the experience of mobile applications used in different contexts of daily life. , 2011, , .		29
14	Competitive Live Evaluations of Activity-Recognition Systems. IEEE Pervasive Computing, 2015, 14, 70-77.	1.3	29
15	A Novel Evolutionary Approach to Image Enhancement Filter Design: Method and Applications. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1446-1457.	5.0	26
16	A semantic Bayesian network approach to retrieving information with intelligent conversational agents. Information Processing and Management, 2007, 43, 225-236.	8.6	24
17	Gene boosting for cancer classification based on gene expression profiles. Pattern Recognition, 2009, 42, 1761-1767.	8.1	23
18	Mixed-Initiative Human-Robot Interaction Using Hierarchical Bayesian Networks. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 1158-1164.	2.9	21

#	ARTICLE	IF	CITATIONS
19	Route Guidance Modality for Elder Driver Navigation. Lecture Notes in Computer Science, 2012, , 179-196.	1.3	20
20	Lymphoma Cancer Classification Using Genetic Programming with SNR Features. Lecture Notes in Computer Science, 2004, , 78-88.	1.3	19
21	Effective Fingerprint Classification by Localized Models of Support Vector Machines. Lecture Notes in Computer Science, 2005, , 287-293.	1.3	13
22	Introducing decision-aware business processes. Computers in Industry, 2015, 70, 13-22.	9.9	10
23	Evolution of emergent behaviors for shooting game characters in Robocode. , 0, , .		7
24	A REVIEW OF PERFORMANCE EVALUATION FOR BIOMETRICS SYSTEMS. International Journal of Image and Graphics, 2005, 05, 501-536.	1.5	7
25	An Activity Recognition System for Ambient Assisted Living Environments. Communications in Computer and Information Science, 2013, , 148-158.	0.5	7
26	A Hierarchical Bayesian Network for Mixed-Initiative Human-Robot Interaction. , 0, , .		6
27	Designing Reenacted Chatbots to Enhance Museum Experience. Applied Sciences (Switzerland), 2021, 11, 7420.	2.5	6
28	Diversifying dynamic difficulty adjustment agent by integrating player state models into Monte-Carlo tree search. Expert Systems With Applications, 2022, 205, 117677.	7.6	6
29	Cancer classification with incremental gene selection based on DNA microarray data. , 2008, , .		5
30	A Two-Stage Bayesian Network for Effective Development of Conversational Agent. Lecture Notes in Computer Science, 2003, , 1-9.	1.3	5
31	MEH: modular evolvable hardware for designing complex circuits. , 0, , .		4
32	Fingerprint classification based on subclass analysis using multiple templates of support vector machines. Intelligent Data Analysis, 2010, 14, 369-384.	0.9	4
33	Affect Modeling with Field-based Physiological Responses. Interacting With Computers, 2015, 27, 577-591.	1.5	4
34	Combining localized fusion and dynamic selection for high-performance SVM. Expert Systems With Applications, 2015, 42, 9-20.	7.6	4
35	Evolutionary Singularity Filter Bank Optimization for Fingerprint Image Enhancement. Lecture Notes in Computer Science, 2006, , 380-390.	1.3	4
36	Two-Stage User Mobility Modeling for Intention Prediction for Location-Based Services. Lecture Notes in Computer Science, 2006, , 538-545.	1.3	4

#	ARTICLE	IF	CITATIONS
37	Evolutionary Image Enhancement for Impulsive Noise Reduction. Lecture Notes in Computer Science, 2006, , 678-683.	1.3	4
38	Ensemble Approaches of Support Vector Machines for Multiclass Classification. , 2007, , 1-10.		4
39	Autonomous Language Development Using Dialogue-Act Templates and Genetic Programming. IEEE Transactions on Evolutionary Computation, 2007, 11, 213-225.	10.0	3
40	Domain-Adaptive Conversational Agent with Two-Stage Dialogue Management. Lecture Notes in Computer Science, 2004, , 1147-1153.	1.3	3
41	Cancer Prediction Using Diversity-Based Ensemble Genetic Programming. Lecture Notes in Computer Science, 2005, , 294-304.	1.3	2
42	Intelligent Web Interface Using Flexible Conversational Agent with Semantic Bayesian Networks. , 0, ,		2
43	Smart Culture Lens: An Application That Analyzes the Visual Elements of Ceramics. IEEE Access, 2021, 9, 42868-42883.	4.2	2
44	Styling Words: A Simple and Natural Way to Increase Variability in Training Data Collection for Gesture Recognition. , 2021, ,		2
45	Automatic Fingerprints Image Generation Using Evolutionary Algorithm. , 2007, , 444-453.		2
46	Environmentally realistic fingerprint-image generation with evolutionary filter-bank optimization. Expert Systems With Applications, 2012, 39, 6201-6212.	7.6	1
47	Adaptive Enhancing of Fingerprint Image with Image Characteristics Analysis. Lecture Notes in Computer Science, 2004, , 120-131.	1.3	1
48	Classifying Gene Expression Profiles with Evolutionary Computation. , 0, , 21-40.		0
49	Ensemble Neural Networks with Novel Gene-Subsets for Multiclass Cancer Classification. Lecture Notes in Computer Science, 2007, , 856-865.	1.3	0
50	Automatic Fingerprints Image Generation Using Evolutionary Algorithm. Lecture Notes in Computer Science, 2007, , 1104-1113.	1.3	0
51	Topic Recommendation to Expand Knowledge and Interest in Question-and-Answer Agents. Applied Sciences (Switzerland), 2021, 11, 10600.	2.5	0
52	Design Proposal for Sign Language Services in TV Broadcasting from the Perspective of People Who Are Deaf or Hard of Hearing. Applied Sciences (Switzerland), 2021, 11, 11211.	2.5	0
53	Dynamically Subsumed-OVA SVMs for Fingerprint Classification. , 0, , 1196-1200.		0
54	An Intelligent Conversational Agent as the Web Virtual Representative Using Semantic Bayesian Networks. , 0, , 807-812.		0