Muhammad Asif Razzaq

List of Publications by Year
in descending order

306 papers	4,783 citations	136950 32 h-index	175258 52 g-index
306 all docs	306 docs citations	306 times ranked	4810 citing authors

#	Article	IF	Citations
1	Clinical Decision Support System Based on Hybrid Knowledge Modeling: A Case Study of Chronic Kidney Disease-Mineral and Bone Disorder Treatment. International Journal of Environmental Research and Public Health, 2022, 19, 226.	2.6	4
2	Rationale design and efficacy of a smartphone application for improving self-awareness of adherence to edoxaban treatment: study protocol for a randomised controlled trial (adhere app). BMJ Open, 2022, 12, e048777.	1.9	2
3	â€œFast deep learning computer-aided diagnosis of COVID-19 based on digital chest x-ray imagesâ€‚ Applied Intelligence, 2021, 51, 2890-2907.	5.3	66
4	Secure Health Fog: A Novel Framework for Personalized Recommendations Based on Adaptive Model Tuning. IEEE Access, 2021, 9, 108373-108391.	4.2	6
5	CbI-M: Context-based Intervention Methodology for Rehabilitation of Persons with NCDs. , 2021, , .		0
6	A Rapid Deep Learning Computer-Aided Diagnosis to Simultaneously Detect and Classify the Novel COVID-19 Pandemic. , 2021, , .		3
7	Text Classification in Clinical Practice Guidelines Using Machine-Learning Assisted Pattern-Based Approach. Applied Sciences (Switzerland), 2021, 11, 3296.	2.5	3
8	COVID-19 Knowledge Resource Categorization and Tracking: Conceptual Framework Study. Journal of Medical Internet Research, 2021, 23, e29730.	4.3	0
9	ArCAR: A Novel Deep Learning Computer-Aided Recognition for Character-Level Arabic Text Representation and Recognition. Algorithms, 2021, 14, 216.	2.1	19
10	Clinical Concept Extraction with Lexical Semantics to Support Automatic Annotation. International Journal of Environmental Research and Public Health, 2021, 18, 10564.	2.6	6
11	A practical approach towards causality mining in clinical text using active transfer learning. Journal of Biomedical Informatics, 2021, 123, 103932.	4.3	2
12	A Novel Deep Learning ArCAR System for Arabic Text Recognition with Character-Level Representation. , 2021, 2, .		2
13	A knowledge construction methodology to automate caseâ€‑based learning using clinical documents. Expert Systems, 2020, 37, e12401.	4.5	1
14	Towards User-Centric Intervention Adaptiveness: Influencing Behavior-Context Based Healthy Lifestyle Interventions. IEEE Access, 2020, 8, 177156-177179.	4.2	2
15	Automatic Identification of High Impact Relevant Articles to Support Clinical Decision Making Using Attention-Based Deep Learning. Electronics (Switzerland), 2020, 9, 1364.	3.1	3
16	Deep Learning Based Biomedical Literature Classification Using Criteria of Scientific Rigor. Electronics (Switzerland), 2020, 9, 1253.	3.1	7
17	Ubiquitous Health Profile (UHPr): a big data curation platform for supporting health data interoperability. Computing (Vienna/New York), 2020, 102, 2409-2444.	4.8	26
18	Secure Exchange of Medical Data Using a Novel Real-Time Biometric-Based Protection and Recognition Method. Electronics (Switzerland), 2020, 9, 2013.	3.1	7

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19	Acquiring guideline-enabled data driven clinical knowledge model using formally verified refined knowledge acquisition method. Computer Methods and Programs in Biomedicine, 2020, 197, 105701.	4.7	3
20	SemImput: Bridging Semantic Imputation with Deep Learning for Complex Human Activity Recognition. Sensors, 2020, 20, 2771.	3.8	2
21	A cache-based method to improve query performance of linked Open Data cloud. Computing (Vienna/New York), 2020, 102, 1743-1763.	4.8	2
22	On computing critical factors based healthy behavior index for behavior assessment. International Journal of Medical Informatics, 2020, 141, 104181.	3.3	4
23	Just in time Intervention for Personalized Healthcare: Behavior-Context based Intervention Adaptation. , 2020, , .		1
24	Semantic based Clinical Notes Mining for Factual Information Extraction. , 2020, , .		1
25	The mHealth Applications Usability Evaluation Review. , 2020, , .		4
26	The Impact of Big Data In Healthcare Analytics. , 2020, , .		9
27	uMoDT: an unobtrusive multi-occupant detection and tracking using robust Kalman filter for real-time activity recognition. Multimedia Systems, 2020, 26, 553-569.	4.7	9
28	UnSkEm: Unobtrusive Skeletal-based Emotion Recognition for User Experience. , 2020, , .		4
29	Ensemble based Cost-Sensitive Feature Selection for Consolidated Knowledge Base Creation. , 2020, , .		2
30	A Vertex Matcher for Entity Resolution on Graphs. , 2020, , .		1
31	The Intelligent Medical Platform: A Novel Dialogue-Based Platform for Health-Care Services. Computer, 2020, 53, 35-45.	1.1	12
32	Medical Instructed Real-Time Assistant for Patient with Glaucoma and Diabetic Conditions. Applied Sciences (Switzerland), 2020, 10, 2216.	2.5	26
33	Artificial intelligence for the diagnosis of heart failure. Npj Digital Medicine, 2020, 3, 54.	10.9	60
34	Semantic Reconciliation of Standard and Localized Medical Terminologies for Knowledge Interoperability. Studies in Health Technology and Informatics, 2020, 272, 461-464.	0.3	0
35	Bimodal learning via trilogy of skip-connection deep networks for diabetic retinopathy risk progression identification. International Journal of Medical Informatics, 2019, 132, 103926.	3.3	40
36	Use of mind maps and iterative decision trees to develop a guideline-based clinical decision support system for routine surgical practice: case study in thyroid nodules. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 524-536.	4.4	7

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37	Semantic preservation of standardized healthcare documents in big data. International Journal of Medical Informatics, 2019, 129, 133-145.	3.3	7
38	MMOU-AR: Multimodal Obtrusive and Unobtrusive Activity Recognition Through Supervised Ontology-Based Reasoning. Advances in Intelligent Systems and Computing, 2019, , 963-974.	0.6	0
39	A Dynamic, Cost-Aware, Optimized Maintenance Policy for Interactive Exploration of Linked Data. Applied Sciences (Switzerland), 2019, 9, 4818.	2.5	2
40	A mobile assisted coverage hole patching scheme based on particle swarm optimization for WSNs. Cluster Computing, 2019, 22, 1787-1795.	5.0	52
41	Impact of Automatic Query Generation and Quality Recognition Using Deep Learning to Curate Evidence From Biomedical Literature: Empirical Study. JMIR Medical Informatics, 2019, 7, e13430.	2.6	8
42	Data-driven knowledge acquisition, validation, and transformation into HL7 Arden Syntax. Artificial Intelligence in Medicine, 2018, 92, 51-70.	6.5	17
43	Knowledge‐based reasoning and recommendation framework for intelligent decision making. Expert Systems, 2018, 35, e12242.	4.5	29
44	Fine-grained entity type classification with adaptive context. Soft Computing, 2018, 22, 4307-4318.	3.6	8
45	Model-based adaptive user interface based on context and user experience evaluation. Journal on Multimodal User Interfaces, 2018, 12, 1-16.	2.9	81
46	A Data-Driven Knowledge Acquisition System: An End-to-End Knowledge Engineering Process for Generating Production Rules. IEEE Access, 2018, 6, 15587-15607.	4.2	25
47	Early fault detection in IaaS cloud computing based on fuzzy logic and prediction technique. Journal of Supercomputing, 2018, 74, 5730-5745.	3.6	11
48	Evaluating real-life performance of the state-of-the-art in facial expression recognition using a novel YouTube-based datasets. Multimedia Tools and Applications, 2018, 77, 917-937.	3.9	4
49	iCBLS: An interactive case-based learning system for medical education. International Journal of Medical Informatics, 2018, 109, 55-69.	3.3	57
50	Personalization of wellness recommendations using contextual interpretation. Expert Systems With Applications, 2018, 96, 506-521.	7.6	28
51	Detection of Falls from Non-Invasive Thermal Vision Sensors Using Convolutional Neural Networks. Proceedings (mdpi), 2018, 2, .	0.2	18
52	Recommendation Statements Identification in Clinical Practice Guidelines Using Heuristic Patterns. , 2018, , .		3
53	Iss2Image: A Novel Signal-Encoding Technique for CNN-Based Human Activity Recognition. Sensors, 2018, 18, 3910.	3.8	47
54	Adaptive Data Boosting Technique for Robust Personalized Speech Emotion in Emotionally-Imbalanced Small-Sample Environments. Sensors, 2018, 18, 3744.	3.8	19

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55	Change-Aware Scheduling for Effectively Updating Linked Open Data Caches. IEEE Access, 2018, 6, 65862-65873.	4.2	3
56	uEFS: An efficient and comprehensive ensemble-based feature selection methodology to select informative features. PLoS ONE, 2018, 13, e0202705.	2.5	15
57	Multimodal Sensor Data Fusion for Activity Recognition Using Filtered Classifier. Proceedings (mdpi), 2018, 2, .	0.2	7
58	Transfer Learning and Data Fusion Approach to Recognize Activities of Daily Life. , 2018, , .		5
59	Convolutional Networks with Bracket-Style Decoder for Semantic Scene Segmentation. , 2018, , .		18
60	Clinically Harmonized Wellness Concepts Model for Health and Wellness Services. IEEE Access, 2018, 6, 26660-26674.	4.2	3
61	A Hybrid Framework for a Comprehensive Physical Activity and Diet Recommendation System. Lecture Notes in Computer Science, 2018, , 101-109.	1.3	7
62	A Multimodal Deep Log-Based User Experience (UX) Platform for UX Evaluation. Sensors, 2018, 18, 1622.	3.8	27
63	A Case-Based Meta-Learning and Reasoning Framework for Classifiers Selection. , 2018, , .		11
64	KEM-DT. , 2018, , .		0
65	Context-Based Lifelog Monitoring for Just-in-Time Wellness Intervention. Lecture Notes in Computer Science, 2018, , 298-303.	1.3	0
66	3-D human pose recovery using nonrigid point set registration and body part tracking of depth data. Multimedia Systems, 2017, 23, 369-380.	4.7	0
67	NIC: A Robust Background Extraction Algorithm for Foreground Detection in Dynamic Scenes. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1478-1490.	8.3	35
68	Comprehensible knowledge model creation for cancer treatment decision making. Computers in Biology and Medicine, 2017, 82, 119-129.	7.0	14
69	IoTFLiP: IoT-based flipped learning platform for medical education. Digital Communications and Networks, 2017, 3, 188-194.	5.0	49
70	Intent-Context Fusioning in Healthcare Dialogue-Based Systems Using JDL Model. Lecture Notes in Computer Science, 2017, , 61-72.	1.3	3
71	Multi-model-based interactive authoring environment for creating shareable medical knowledge. Computer Methods and Programs in Biomedicine, 2017, 150, 41-72.	4.7	15
72	Sentiment analysis of social networking sites (SNS) data using machine learning approach for the measurement of depression. , 2017, , .		99

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73	ADM-HIPaR: An efficient background subtraction approach. , 2017, , .		4
74	Smart Extraction and Analysis System for Clinical Research. Telemedicine Journal and E-Health, 2017, 23, 404-420.	2.8	7
75	Fast Gaussian Process Regression for Multiuser Detection in DS-CDMA. IEEE Communications Letters, 2017, 21, 406-409.	4.1	6
76	An IoT-based CBL methodology to create realworld clinical cases for medical education. , 2017, , .		3
77	Color image watermarking using selective MSB-LSB embedding and 2D Otsu thresholding. , 2017, , .		4
78	An ontology-based hybrid approach for accurate context reasoning. , 2017, , .		4
79	Integration of transtheoretical model with wellness big data for healthy behavior assessment to adoption. , 2017, , .		2
80	Smartphone Location-Independent Physical Activity Recognition Based on Transportation Natural Vibration Analysis. Sensors, 2017, 17, 931.	3.8	19
81	mlCAF: Multi-Level Cross-Domain Semantic Context Fusioning for Behavior Identification. Sensors, 2017, 17, 2433.	3.8	10
82	Human Behavior Analysis by Means of Multimodal Context Mining. Sensors, 2016, 16, 1264.	3.8	44
83	Towards A Self Adaptive System for Social Wellness. Sensors, 2016, 16, 531.	3.8	7
84	On Curating Multimodal Sensory Data for Health and Wellness Platforms. Sensors, 2016, 16, 980.	3.8	32
85	Ontology-Based High-Level Context Inference for Human Behavior Identification. Sensors, 2016, 16, 1617.	3.8	22
86	Privacy-Aware Relevant Data Access with Semantically Enriched Search Queries for Untrusted Cloud Storage Services. PLoS ONE, 2016, 11, e0161440.	2.5	4
87	An Interactive Activity Recognition Approach Using Articulated-Body Estimation and Pose-Based Features. , 2016, , .		1
88	Describing body-pose feature - poselet - activity relationship using Pachinko Allocation Model. , 2016, , .		5
89	UDeKAM: A methodology for acquiring declarative structured knowledge from unstructured knowledge resources. , 2016, , .		1
90	Fuzzy Fault Detection in IaaS Cloud Computing. , 2016, , .		4

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91	Energy savings in processor based on prediction technique. , 2016, , .		2
92	Multimodal hybrid reasoning methodology for personalized wellbeing services. Computers in Biology and Medicine, 2016, 69, 10-28.	7.0	44
93	Hand number gesture recognition using recognized hand parts in depth images. Multimedia Tools and Applications, 2016, 75, 1333-1348.	3.9	19
94	Evaluating Large-Scale Biomedical Ontology Matching Over Parallel Platforms. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 415-427.	3.2	10
95	Adaptive Replication Management in HDFS Based on Supervised Learning. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1369-1382.	5.7	34
96	Health Fog: a novel framework for health and wellness applications. Journal of Supercomputing, 2016, 72, 3677-3695.	3.6	174
97	Improved PAM-based traffic behavior recognition using trajectory-wise features. , 2016, , .		0
98	Can Ocimum basilicum L. and Ocimum tenuiflorum L. in vitro culture be a potential source of secondary metabolites?. Food Chemistry, 2016, 194, 55-60.	8.2	23
99	Human facial expression recognition using curvelet feature extraction and normalized mutual information feature selection. Multimedia Tools and Applications, 2016, 75, 935-959.	3.9	20
100	An Improved Energy-Efficient Clustering Algorithm Based on MECA and PEGASIS for WSNs. , 2015, , .		2
101	Social Network and Tag Sources Based Augmenting Collaborative Recommender System. IEICE Transactions on Information and Systems, 2015, E98.D, 902-910.	0.7	243
102	Replication Management Framework for HDFS Based on Prediction Technique. , 2015, , .		2
103	Context‐aware scheduling in MapReduce: a compact review. Concurrency Computation Practice and Experience, 2015, 27, 5332-5349.	2.2	10
104	Complexity reduction for Gaussian process regression in spatio-temporal prediction. , 2015, , .		1
105	GUDM: Automatic Generation of Unified Datasets for Learning and Reasoning in Healthcare. Sensors, 2015, 15, 15772-15798.	3.8	13
106	Traffic Behavior Recognition Using the Pachinko Allocation Model. Sensors, 2015, 15, 16040-16059.	3.8	11
107	Knowledge-Based Query Construction Using the CDSS Knowledge Base for Efficient Evidence Retrieval. Sensors, 2015, 15, 21294-21314.	3.8	16
108	MRPack: Multi-Algorithm Execution Using Compute-Intensive Approach in MapReduce. PLoS ONE, 2015, 10, e0136259.	2.5	3

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109	H2RM: A Hybrid Rough Set Reasoning Model for Prediction and Management of Diabetes Mellitus. Sensors, 2015, 15, 15921-15951.	3.8	46
110	An Innovative Platform for Person-Centric Health and Wellness Support. Lecture Notes in Computer Science, 2015, , 131-140.	1.3	14
111	Offsetting obstacles of any shape for robot motion planning. Robotica, 2015, 33, 865-883.	1.9	0
112	PAM-based flexible generative topic model for 3D interactive activity recognition. , 2015, , .		6
113	Gaussian process for predicting CPU utilization and its application to energy efficiency. Applied Intelligence, 2015, 43, 874-891.	5.3	12
114	Bio-inspired ant colony optimization based clustering algorithm with mobile sinks for applications in consumer home automation networks. IEEE Transactions on Consumer Electronics, 2015, 61, 438-444.	3.6	72
115	Mining Minds: an innovative framework for personalized health and wellness support. , 2015, , .		20
116	Visualization and descriptive analytics of wellness data through Big Data. , 2015, , .		5
117	Semantic transformation model for clinical documents in big data to support healthcare analytics. , 2015, , .		7
118	Mining human behavior for health promotion. , 2015, 2015, 5062-5.		14
119	Rough set-based approaches for discretization: a compact review. Artificial Intelligence Review, 2015, 44, 235-263.	15.7	95
120	Oblivious user management for cloud-based data synchronization. Journal of Supercomputing, 2015, 71, 1378-1400.	3.6	3
121	Intra graph clustering using collaborative similarity measure. Distributed and Parallel Databases, 2015, 33, 583-603.	1.6	28
122	Big Data service engine (BISE): Integration of Big Data technologies for human centric wellness data. , 2015, , .		6
123	Performance-based ontology matching. Applied Intelligence, 2015, 43, 356-385.	5.3	10
124	An Interactive Case-Based Flip Learning Tool for Medical Education. Lecture Notes in Computer Science, 2015, , 355-360.	1.3	5
125	Multiple mobile sinkâ€based routing algorithm for data dissemination in wireless sensor networks. Concurrency Computation Practice and Experience, 2015, 27, 2656-2667.	2.2	27
126	Facial expression recognition using active contour-based face detection, facial movement-based feature extraction, and non-linear feature selection. Multimedia Systems, 2015, 21, 541-555.	4.7	42

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127	Smart CDSS: integration of Social Media and Interaction Engine (SMIE) in healthcare for chronic disease patients. Multimedia Tools and Applications, 2015, 74, 5109-5129.	3.9	14
128	High-Level Context Inference for Human Behavior Identification. Lecture Notes in Computer Science, 2015, , 164-175.	1.3	2
129	Approximate planning for bayesian hierarchical reinforcement learning. Applied Intelligence, 2014, 41, 808-819.	5.3	8
130	Context Representation and Fusion: Advancements and Opportunities. Sensors, 2014, 14, 9628-9668.	3.8	22
131	A Lightweight Hierarchical Activity Recognition Framework Using Smartphone Sensors. Sensors, 2014, 14, 16181-16195.	3.8	30
132	Video-Based Human Activity Recognition Using Multilevel Wavelet Decomposition and Stepwise Linear Discriminant Analysis. Sensors, 2014, 14, 6370-6392.	3.8	43
133	ATHENA: A Personalized Platform to Promote an Active Lifestyle and Wellbeing Based on Physical, Mental and Social Health Primitives. Sensors, 2014, 14, 9313-9329.	3.8	31
134	Adaptive Hierarchical Emotion Recognition from Speech Signal for Human-Robot Communication. , 2014, , .		9
135	Prediction and analysis of Pakistan election 2013 based on sentiment analysis. , 2014, , .		25
136	Behavior Life Style Analysis for Mobile Sensory Data in Cloud Computing through MapReduce. Sensors, 2014, 14, 22001-22020.	3.8	25
137	Trajectory Patterns Mining Towards Lifecare Provisioning. Wireless Personal Communications, 2014, 76, 747-762.	2.7	4
138	SPHeRe. Journal of Supercomputing, 2014, 68, 274-301.	3.6	11
139	An enhanced fall detection system for elderly person monitoring using consumer home networks. IEEE Transactions on Consumer Electronics, 2014, 60, 23-29.	3.6	210
140	Depth Camera-Based Facial Expression Recognition System Using Multilayer Scheme. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2014, 31, 277-286.	3.2	31
141	Arden syntax studio: Creating medical logic module as shareable knowledge. , 2014, , .		3
142	Real-time 3D human pose recovery from a single depth image using principal direction analysis. Applied Intelligence, 2014, 41, 473-486.	5.3	10
143	Analysis and effects of smart home dataset characteristics for daily life activity recognition. Journal of Supercomputing, 2013, 66, 760-780.	3.6	14
144	MODM: multi-objective diffusion model for dynamic social networks using evolutionary algorithm. Journal of Supercomputing, 2013, 66, 738-759.	3.6	8

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146	Deflation-based power iteration clustering. Applied Intelligence, 2013, 39, 367-385.	5.3	74
147	Process interoperability in healthcare systems with dynamic semantic web services. Computing (Vienna/New York), 2013, 95, 837-862.	4.8	20
148	Semantic and structural similarities between XML Schemas for integration of ubiquitous healthcare data. Personal and Ubiquitous Computing, 2013, 17, 1331-1339.	2.8	6
149	EFM: evolutionary fuzzy model for dynamic activities recognition using a smartphone accelerometer. Applied Intelligence, 2013, 39, 475-488.	5.3	41
150	Human computer interface using the recognized finger parts of hand depth silhouette via random forests. , 2013, , .		6
151	An MPI-IO Compliant Java Based Parallel I/O Library. , 2013, , .		0
152	A novel intrusion detection framework for wireless sensor networks. Personal and Ubiquitous Computing, 2013, 17, 907-919.	2.8	32
153	EEM: evolutionary ensembles model for activity recognition in Smart Homes. Applied Intelligence, 2013, 38, 88-98.	5.3	25
154	Privacy-aware searching with oblivious term matching for cloud storage. Journal of Supercomputing, 2013, 63, 538-560.	3.6	29
155	Mobility based energy efficient and multi-sink algorithms for consumer home networks. IEEE Transactions on Consumer Electronics, 2013, 59, 77-84.	3.6	62
156	Prediction of popular tweets using Similarity Learning. , 2013, , .		5
157	Precise tweet classification and sentiment analysis. , 2013, , .		66
158	An Improved Stable Election Based Routing Protocol with Mobile Sink for Wireless Sensor Networks. , 2013, , .		9
159	Road segment partitioning towards anomalous trajectory detection for surveillance applications. , 2013, , .		7
160	Energy-Efficient Routing Algorithms Based on OVSF Code and Priority in Clustered Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 620945.	2.2	4
161	Reflection: A Lightweight Protocol for Private Matching. , 2013, , .		2
162	Activity recognition and resource optimization in mobile cloud through MapReduce. , 2013, , .		1

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163	Xperience of Programmable Network with OpenFlow. International Journal of Computer Theory and Engineering, 2013, , 307-311.	3.4	1
164	Comprehensive Context Recognizer Based on Multimodal Sensors in a Smartphone. Sensors, 2012, 12, 12588-12605.	3.8	71
165	A Framework for Supervising Lifestyle Diseases Using Long-Term Activity Monitoring. Sensors, 2012, 12, 5363-5379.	3.8	47
166	Energy-Efficient Secure Path Algorithm for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 751784.	2.2	7
167	Social media canonicalization in healthcare: Smart CDSS as an exemplary application. , 2012, , .		6
168	Distributed queuing based-TDMA for real-time service in vehicle to roadside communications. , 2012, , .		0
169	Undiagnosed samples aided rough set feature selection for medical data. , 2012, , .		2
170	Towards Efficient Support for Parallel I/O in Java HPC. , 2012, , .		0
171	DDSS: Dynamic decision support system for elderly. , 2012, , .		1
172	Application of Matrix Pencil Algorithm to Mobile Robot Localization Using Hybrid DOA/TOA Estimation. International Journal of Advanced Robotic Systems, 2012, 9, 254.	2.1	7
173	Two-Stage Hidden Markov Model in Gesture Recognition for Human Robot Interaction. International Journal of Advanced Robotic Systems, 2012, 9, 39.	2.1	31
174	High performance Java sockets (HPJS) for scientific health clouds. , 2012, , .		1
175	Oblivious access control policies for cloud based data sharing systems. Computing (Vienna/New) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	6
176	A distributed design for multiple moving source positioning. Journal of Supercomputing, 2012, 61, 438-462.	3.6	1
177	General criteria-based clustering method for multi-node computing system. Journal of Supercomputing, 2012, 61, 869-893.	3.6	1
178	Clinical Decision Support Service for elderly people in smart home environment. , 2012, , .		8
179	Persuasive Healthcare Self-Management in Intelligent Environments. , 2012, , .		9
180	SAPDS: self-healing attribute-based privacy aware data sharing in cloud. Journal of Supercomputing, 2012, 62, 431-460.	3.6	15

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181	A Mobile-Sink Based Energy-Efficient Clustering Algorithm for Wireless Sensor Networks. , 2012, , .		24
182	Performance Analysis of LTE Smartphones-Based Vehicle-to-Infrastrcuture Communication. , 2012, , .		11
183	A novel feature selection method based on normalized mutual information. Applied Intelligence, 2012, 37, 100-120.	5.3	124
184	Energy Efficiency Based on Quality of Data for Cyber Physical Systems. , 2011, , .		8
185	General Criteria-Based Clustering Method for Sensor Network. , 2011, , .		0
186	Clustering based multi-object positioning system. , 2011, , .		1
187	Reconciliation of Ontology Mappings to Support Robust Service Interoperability. , 2011, , .		3
188	Real time services for future cloud computing enabled vehicle networks. , 2011, , .		41
189	Estimation of 3-D human body posture via co-registration of 3-D human model and sequential stereo information. Applied Intelligence, 2011, 35, 163-177.	5.3	18
190	Semi-Markov conditional random fields for accelerometer-based activity recognition. Applied Intelligence, 2011, 35, 226-241.	5.3	63
191	GPARS: a general-purpose activity recognition system. Applied Intelligence, 2011, 35, 242-259.	5.3	16
192	Identifying mislabeled training data with the aid of unlabeled data. Applied Intelligence, 2011, 35, 345-358.	5.3	40
193	The small-world trust network. Applied Intelligence, 2011, 35, 399-410.	5.3	42
194	A Framework for Scheduling Virtual Machines to Support Real-Time Services for U-Life Care. , 2011, , .		2
195	Privacy preserving in ubiquitous computing: Classification & hierarchy. Computer Science and Information Systems, 2011, 8, 1185-1206.	1.0	2
196	Fast 3-D human motion capturing from stereo data using Gaussian clusters. , 2010, , .		1
197	Context-aware Human Activity Recognition and decision making. , 2010, , .		22
198	MUQAMI+: a scalable and locally distributed key management scheme for clustered sensor networks. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 101-116.	2.5	17

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199	Hop-Based Energy Aware Routing Algorithm for Wireless Sensor Networks. IEICE Transactions on Communications, 2010, E93-B, 305-316.	0.7	28
200	Performance Evaluation of Quick-Start in Low Latency Networks. , 2010, , .		0
201	Fast constrained independent component analysis for blind speech separation with multiple references. , 2010, , .		3
202	Prolonging the Lifetime of Wireless Sensor Networks via Hotspot Analysis. , 2010, , .		14
203	Extraction and Mapping of Alpha Activity in EEG Signals Using Augmented ICA. , 2010, , .		0
204	Dual Validation Framework for Multi-Tenant SaaS Architecture. , 2010, , .		7
205	EDPPS: An Energy-efficient Data Privacy Protection Scheme for wireless sensor networks. , 2010, , .		2
206	Energy efficient hybrid intrusion detection system for wireless sensor networks. , 2010, , .		28
207	Intelligent Manipulation of Human Activities Using Cloud Computing for u-Life Care. , 2010, , .		9
208	Visualizations of human activities in sensor-enabled ubiquitous environments. , 2009, , .		4
209	Enhanced Group-Based Key Management Scheme for Wireless Sensor Networks using Deployment Knowledge. , 2009, , .		8
210	Activity-Oriented Access Control for Ubiquitous Environments. , 2009, , .		3
211	Broadcast gossip based distributed hypothesis testing in wireless sensor networks. , 2009, , .		2
212	Refining classifier from unsampled data. , 2009, , .		0
213	An energy-efficient access control scheme for wireless sensor networks based on elliptic curve cryptography. Journal of Communications and Networks, 2009, 11, 599-606.	2.6	53
214	Change Tracer: Tracking Changes in Web Ontologies. , 2009, , .		7
215	Exploiting Path Indexes to Answer Complex Queries in Ontology Repository. , 2009, , .		2
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217	A middleware based network hot swapping solution for SCA compliant radio. IEEE Transactions on Consumer Electronics, 2009, 55, 1315-1321.	3.6	0
218	Preference learning on an OSGi based home gateway. IEEE Transactions on Consumer Electronics, 2009, 55, 1322-1329.	3.6	5
219	BARI: A Distributed Key Management Approach for Wireless Body Area Networks. , 2009, , .		16
220	A Novel Architecture for Efficient Key Management in Humanware Applications. , 2009, , .		1
221	SCODE: A Secure Coordination-Based Data Dissemination to Mobile Sinks in Sensor Networks. IEICE Transactions on Communications, 2009, E92-B, 131-142.	0.7	5
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