

Sally I Mcclean

List of Publications by Citations

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

236
papers

3,439
citations

31
h-index

48
g-index

261
ext. papers

3,957
ext. citations

2.6
avg, IF

5.32
L-index

#	Paper	IF	Citations
236	Optimal placement of accelerometers for the detection of everyday activities. <i>Sensors</i> , 2013 , 13, 9183-2008	3.8	240
235	Smart City Architecture and its Applications Based on IoT. <i>Procedia Computer Science</i> , 2015 , 52, 1089-1094	1.6	223
234	Evidential fusion of sensor data for activity recognition in smart homes. <i>Pervasive and Mobile Computing</i> , 2009 , 5, 236-252	3.5	158
233	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2749-2762	6.8	89
232	A data mining approach to the prediction of corporate failure. <i>Knowledge-Based Systems</i> , 2001 , 14, 189-195	1.5	82
231	Analysing data on lengths of stay of hospital patients using phase-type distributions. <i>Applied Stochastic Models in Business and Industry</i> , 1999 , 15, 311-317	1.1	79
230	Combining rough decisions for intelligent text mining using Dempster's rule. <i>Artificial Intelligence Review</i> , 2006 , 26, 191-209	9.7	76
229	Using a queueing model to help plan bed allocation in a department of geriatric medicine. <i>Health Care Management Science</i> , 2002 , 5, 307-12	4	72
228	Using Coxian phase-type distributions to identify patient characteristics for duration of stay in hospital. <i>Health Care Management Science</i> , 2004 , 7, 285-9	4	59
227	A randomised clinical trial of the effectiveness of home-based health care with telemonitoring in patients with COPD. <i>Journal of Telemedicine and Telecare</i> , 2015 , 21, 80-7	6.8	53
226	Performance prediction of data fusion for information retrieval. <i>Information Processing and Management</i> , 2006 , 42, 899-915	6.3	50
225	A non-homogeneous discrete time Markov model for admission scheduling and resource planning in a cost or capacity constrained healthcare system. <i>Health Care Management Science</i> , 2010 , 13, 155-69	4	48
224	A predictive model for assistive technology adoption for people with dementia. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014 , 18, 375-83	7.2	45
223	iGAIT: an interactive accelerometer based gait analysis system. <i>Computer Methods and Programs in Biomedicine</i> , 2012 , 108, 715-23	6.9	45
222	Markovian Workload Characterization for QoS Prediction in the Cloud 2011 ,		44
221	Aggregation of imprecise and uncertain information in databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2001 , 13, 902-912	4.2	44
220	Patterns of Length of Stay After Admission in Geriatric Medicine: An Event History Approach 1993 , 42, 263		43

219	A semi-Markov model for a multigrade population with Poisson recruitment. <i>Journal of Applied Probability</i> , 1980 , 17, 846-852	0.8	43
218	Attitudinal dimensions of food choice and nutrient intake. <i>British Journal of Nutrition</i> , 1995 , 74, 649-59	3.6	42
217	Evaluation of inherent performance of intelligent medical decision support systems: utilising neural networks as an example. <i>Artificial Intelligence in Medicine</i> , 2003 , 27, 1-27	7.4	40
216	Using evidence theory for the integration of distributed databases. <i>International Journal of Intelligent Systems</i> , 1997 , 12, 763-776	8.4	39
215	Stochastic models for geriatric in-patient behaviour. <i>Mathematical Medicine and Biology</i> , 1994 , 11, 207-16.3	6.3	39
214	Where to treat the older patient? Can Markov models help us better understand the relationship between hospital and community care?. <i>Journal of the Operational Research Society</i> , 2007 , 58, 255-261	2	36
213	. <i>IEEE MultiMedia</i> , 2010 , 17, 42-51	2.1	35
212	Combining wavelet analysis and Bayesian networks for the classification of auditory brainstem response. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006 , 10, 458-67		34
211	Modelling patient duration of stay to facilitate resource management of geriatric hospitals. <i>Health Care Management Science</i> , 2002 , 5, 313-9	4	34
210	Video Reminders as Cognitive Prosthetics for People with Dementia. <i>Ageing International</i> , 2011 , 36, 267-282	282	33
209	Manpower planning models and their estimation. <i>European Journal of Operational Research</i> , 1991 , 51, 179-187	5.6	32
208	A machine learning approach to assessing gait patterns for Complex Regional Pain Syndrome. <i>Medical Engineering and Physics</i> , 2012 , 34, 740-6	2.4	31
207	A rough set model with ontologies for discovering maximal association rules in document collections. <i>Knowledge-Based Systems</i> , 2003 , 16, 243-251	7.3	31
206	Cache performance models for quality of service compliance in storage clouds. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2013 , 2, 1	3.2	30
205	A modeling framework that combines markov models and discrete-event simulation for stroke patient care. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2011 , 21, 1-26	0.6	29
204	A three compartment model of the patient flows in a geriatric department: a decision support approach. <i>Health Care Management Science</i> , 1998 , 1, 159-63	4	29
203	Feature selection and construction for the discrimination of neurodegenerative diseases based on gait analysis 2009 ,		28
202	A continuous-time population model with poisson recruitment. <i>Journal of Applied Probability</i> , 1976 , 13, 348-354	0.8	26

201	Machine Learning and Statistical Approaches to Support the Discrimination of Neuro-degenerative Diseases Based on Gait Analysis. <i>Studies in Computational Intelligence</i> , 2009 , 57-70	0.8	26
200	The Empowering Role of Mobile Apps in Behavior Change Interventions: The Gray Matters Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2016 , 4, e93	5.5	24
199	Evaluation of prompted annotation of activity data recorded from a smart phone. <i>Sensors</i> , 2014 , 14, 1586-1579	1.8	23
198	A lightweight hierarchical activity recognition framework using smartphone sensors. <i>Sensors</i> , 2014 , 14, 16181-95	3.8	23
197	Maintaining connectivity in UAV swarm sensing 2010 ,		23
196	A decision support system for bed-occupancy management and planning hospitals. <i>Mathematical Medicine and Biology</i> , 1995 , 12, 249-57	1.3	23
195	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012 , 42, 1332-1345		22
194	Continuous-time Markov models for geriatric patient behaviour. <i>Applied Stochastic Models and Data Analysis</i> , 1997 , 13, 315-323		22
193	Database aggregation of imprecise and uncertain evidence. <i>Information Sciences</i> , 2003 , 155, 245-263	7.7	22
192	Behavior life style analysis for mobile sensory data in cloud computing through MapReduce. <i>Sensors</i> , 2014 , 14, 22001-20	3.8	21
191	Estimating the costs for a group of geriatric patients using the Coxian phase-type distribution. <i>Statistics in Medicine</i> , 2007 , 26, 2716-29	2.3	21
190	Improving high accuracy retrieval by eliminating the uneven correlation effect in data fusion. <i>Journal of the Association for Information Science and Technology</i> , 2006 , 57, 1962-1973		21
189	Phase-Type Survival Trees and Mixed Distribution Survival Trees for Clustering Patients' Hospital Length of Stay. <i>Informatica</i> , 2011 , 22, 57-72	2.9	21
188	Timely autonomous identification of UAV safe landing zones. <i>Image and Vision Computing</i> , 2014 , 32, 568-578	3.7	20
187	Non-homogeneous continuous-time Markov and semi-Markov manpower models. <i>Applied Stochastic Models and Data Analysis</i> , 1997 , 13, 191-198		20
186	Modelling assistive technology adoption for people with dementia. <i>Journal of Biomedical Informatics</i> , 2016 , 63, 235-248	10.2	20
185	Assessing the utility of smart mobile phones in gait pattern analysis. <i>Health and Technology</i> , 2012 , 2, 81-88	2.1	19
184	Unmanned Aerial Vehicles for Disaster Management. <i>Springer Natural Hazards</i> , 2019 , 83-107	0.7	18

183	Probabilistic learning from incomplete data for recognition of activities of daily living in smart homes. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 454-62		18
182	Optimal and efficient integration of heterogeneous summary tables in a distributed database. <i>Data and Knowledge Engineering</i> , 1999 , 29, 337-350	1.5	18
181	A multi-phase DES modelling framework for patient-centred care. <i>Journal of the Operational Research Society</i> , 2016 , 67, 1239-1249	2	17
180	Using phase-type models to cost stroke patient care across health, social and community services. <i>European Journal of Operational Research</i> , 2014 , 236, 190-199	5.6	17
179	Knowledge discovery by probabilistic clustering of distributed databases. <i>Data and Knowledge Engineering</i> , 2005 , 54, 189-210	1.5	17
178	Non-homogeneous Markov models for sequential pattern mining of healthcare data. <i>IMA Journal of Management Mathematics</i> , 2009 , 20, 327-344	1.4	16
177	Trends in telemedicine assessment indicate neglect of key criteria for predicting success. <i>Journal of Health Organization and Management</i> , 2012 , 26, 508-23	1.9	16
176	Knowledge discovery in distributed databases using evidence theory. <i>International Journal of Intelligent Systems</i> , 2000 , 15, 745-761	8.4	16
175	Is it beneficial to increase the provision of thrombolysis?-- a discrete-event simulation model. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2012 , 105, 665-73	2.7	15
174	Addressing bed costs for the elderly: a new methodology for modelling patient outcomes and length of stay. <i>Health Care Management Science</i> , 2004 , 7, 27-33	4	15
173	Continuous-time stochastic models of a multigrade population. <i>Journal of Applied Probability</i> , 1978 , 15, 26-37	0.8	15
172	. <i>IEEE Access</i> , 2018 , 6, 45473-45484	3.5	14
171	A smartphone application to evaluate technology adoption and usage in persons with dementia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 5389-92	0.9	14
170	2012 ,		14
169	Assessing accelerometer based gait features to support gait analysis for people with complex regional pain syndrome 2010 ,		14
168	Using duration to learn activities of daily living in a smart home environment 2010 ,		14
167	Discrete Time Reward Models for Homogeneous Semi-Markov Systems. <i>Communications in Statistics - Theory and Methods</i> , 2004 , 33, 623-638	0.5	14
166	The perpetual student: modeling duration of undergraduate studies based on lifetime-type educational data. <i>Lifetime Data Analysis</i> , 2003 , 9, 311-30	1.3	14

165	Modelling hospital and social care bed occupancy and use by elderly people in an English health district. <i>Health Care Management Science</i> , 2001 , 4, 57-62	4	14
164	Assessing Gait Patterns of Healthy Adults Climbing Stairs Employing Machine Learning Techniques. <i>International Journal of Intelligent Systems</i> , 2013 , 28, 257-270	8.4	13
163	Development of a Technology Adoption and Usage Prediction Tool for Assistive Technology for People with Dementia. <i>Interacting With Computers</i> , 2014 , 26, 169-176	1.6	13
162	Costing hospital resources for stroke patients using phase-type models. <i>Health Care Management Science</i> , 2011 , 14, 279-91	4	13
161	Clustering patient length of stay using mixtures of Gaussian models and phase type distributions 2009 ,		13
160	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2003 , 15, 232-236	4.2	13
159	Efficient knowledge discovery through the integration of heterogeneous data. <i>Information and Software Technology</i> , 1999 , 41, 569-578	3.4	13
158	Application of Bayesian Networks for Autonomic Network Management. <i>Journal of Network and Systems Management</i> , 2014 , 22, 174-207	2.1	12
157	A Nonparametric Maximum Likelihood Estimator for Incomplete Renewal Data. <i>Biometrika</i> , 1995 , 82, 791	2	12
156	A non-parametric competing risks model for manpower planning. <i>Applied Stochastic Models and Data Analysis</i> , 1991 , 7, 327-341		12
155	Machine learning based Call Admission Control approaches: A comparative study 2010 ,		11
154	Result merging methods in distributed information retrieval with overlapping databases. <i>Information Retrieval</i> , 2007 , 10, 297-319	1.8	11
153	Decision Support for Alzheimer's Patients in Smart Homes 2008 ,		11
152	Using a multi-state model to enhance understanding of geriatric patient care. <i>Australian Health Review</i> , 2007 , 31, 91-7	1.8	11
151	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 873-889	3.7	10
150	The design and progress of a multidomain lifestyle intervention to improve brain health in middle-aged persons to reduce later Alzheimer's disease risk: The Gray Matters randomized trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2015 , 1, 53-62	6	10
149	A nonparametric maximum likelihood estimator for incomplete renewal data. <i>Biometrika</i> , 1995 , 82, 791-803		10
148	Protection of records and data authentication based on secret shares and watermarking. <i>Future Generation Computer Systems</i> , 2019 , 98, 331-341	7.5	9

147	Technology adoption and prediction tools for everyday technologies aimed at people with dementia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2016, 2016, 4407-4410</i>	0.9	9
146	IIDWBA algorithm for integrated hybrid PON with wireless technologies for next generation broadband access networks. <i>Optical Switching and Networking, 2013, 10, 439-457</i>	1.6	9
145	On the Moments and the Distribution of the Cost of a Semi Markov Model for Healthcare Systems. <i>Methodology and Computing in Applied Probability, 2012, 14, 717-737</i>	0.6	9
144	A Multidimensional Sequence Approach to Measuring Tree Similarity. <i>IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 197-208</i>	4.2	9
143	Conceptual Clustering of Heterogeneous Gene Expression Sequences. <i>Artificial Intelligence Review, 2003, 20, 53-73</i>	9.7	9
142	Incorporating domain knowledge into attribute-oriented data mining. <i>International Journal of Intelligent Systems, 2000, 15, 535-547</i>	8.4	9
141	Evaluation of Video Reminding Technology for Persons with Dementia. <i>Lecture Notes in Computer Science, 2011, 153-160</i>	0.9	9
140	Sensor-Based Change Detection for Timely Solicitation of User Engagement. <i>IEEE Transactions on Mobile Computing, 2017, 16, 2889-2900</i>	4.6	8
139	An intervention mechanism for assistive living in smart homes. <i>Journal of Ambient Intelligence and Smart Environments, 2010, 2, 233-252</i>	2.2	8
138	Do type as eat differently? A comparison of men and women. <i>Appetite, 1996, 26, 277-85</i>	4.5	8
137	Go with the flow. <i>OR Insight, 1994, 7, 2-5</i>		8
136	Deriving Relationships between Physiological Change and Activities of Daily Living Using Wearable Sensors. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, 235-250</i>	0.2	8
135	Stakeholder involvement guidelines to improve the design process of assistive technology: lesson from the development of the MPVS system. <i>Health and Technology, 2013, 3, 119-127</i>	2.1	7
134	SLA-based scheduling of applications for geographically secluded clouds 2014,		7
133	A Practical Evaluation in Openstack Live Migration of VMs Using 10Gb/s Interfaces 2016,		6
132	A duration-based online reminder system. <i>International Journal of Pervasive Computing and Communications, 2014, 10, 337-366</i>	3.3	6
131	Modelling Safe Landing Zone Detection Options to Assist in Safety Critical UAV Decision Making. <i>Procedia Computer Science, 2012, 10, 1146-1151</i>	1.6	6
130	A SLA-compliant Cloud resource allocation framework for N-tier applications 2012,		6

129	Modelling costs of bed occupancy and delayed discharge of post-stroke patients 2010 ,		6
128	Utilizing Geographic Information System Data for Unmanned Aerial Vehicle Position Estimation 2011 ,		6
127	Using Dempster-Shafer to incorporate knowledge into satellite image classification. <i>Artificial Intelligence Review</i> , 2007 , 25, 161-178	9.7	6
126	Integrating semantically heterogeneous aggregate views of distributed databases. <i>Distributed and Parallel Databases</i> , 2008 , 24, 73-94	0.9	6
125	AGENTS FOR QUERYING DISTRIBUTED STATISTICAL DATABASES OVER THE INTERNET. <i>International Journal on Artificial Intelligence Tools</i> , 2002 , 11, 63-94	0.9	6
124	Entropy as a Measure of Stability in a Manpower System. <i>Journal of the Operational Research Society</i> , 1978 , 29, 885-889	2	6
123	Mobile Based Prompted Labeling of Large Scale Activity Data. <i>Lecture Notes in Computer Science</i> , 2013 , 9-17	0.9	6
122	Measuring Tree Similarity for Natural Language Processing Based Information Retrieval. <i>Lecture Notes in Computer Science</i> , 2010 , 13-23	0.9	6
121	Integration of Terrain Image Sensing with UAV Safety Management Protocols. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2011 , 36-51	0.2	6
120	Hybrid Demodulate-Forward Relay Protocol for Two-Way Relay Channels. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 4328-4341	9.6	5
119	An optimal UAV deployment algorithm for bridging communication 2017 ,		5
118	An Unmanned Aerial Vehicle Based Wireless Network for Bridging Communication 2017 ,		5
117	Modeling Throughput of Emergency Departments via Time Series. <i>ACM Transactions on Management Information Systems</i> , 2013 , 4, 1-16	2	5
116	Using mixed phase-type distributions to model patient pathways 2010 ,		5
115	An extended phase type survival tree for patient pathway prognostication 2010 ,		5
114	2011 ,		5
113	Assessing task compliance following mobile phone-based video reminders. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 5295-8	0.9	5
112	Optimal Control of Patient Admissions to Satisfy Resource Restrictions 2008 ,		5

111	Using Markov Models to Find Interesting Patient Pathways. <i>Proceedings of the IEEE Symposium on Computer-Based Medical Systems</i> , 2007 ,		5
110	Using background knowledge in the aggregation of imprecise evidence in databases. <i>Data and Knowledge Engineering</i> , 2000 , 32, 131-143	1.5	5
109	Using a manpower database to model nurse turnaround and return to service. <i>Journal of Advanced Nursing</i> , 1991 , 16, 1382-6	3.1	5
108	Predicting Technology Adoption in People with Dementia; Initial Results from the TAUT Project. <i>Lecture Notes in Computer Science</i> , 2014 , 266-274	0.9	5
107	Optimal Parameter Exploration for Online Change-Point Detection in Activity Monitoring Using Genetic Algorithms. <i>Sensors</i> , 2016 , 16,	3.8	5
106	Situation Assessment to Secure IoT Applications 2018 ,		5
105	Learning Dynamic Bayesian Belief Networks Using Conditional Phase-Type Distributions 2000 , 516-523		5
104	An analysis of live migration in openstack using high speed optical network 2016 ,		4
103	Coupling edge and region-based information for boundary finding in biomedical imagery. <i>Pattern Recognition</i> , 2012 , 45, 672-684	7.7	4
102	Forecasting hospital bed requirements and cost of care using phase type survival trees 2010 ,		4
101	Combining feature ranking with PCA: An application to gait analysis 2010 ,		4
100	Evaluation of a technology enabled garment for older walkers. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 2100-3	0.9	4
99	Duration discretisation for activity recognition. <i>Technology and Health Care</i> , 2012 , 20, 277-95	1.1	4
98	Knowledge-based semi-supervised satellite image classification 2007 ,		4
97	Regression Relevance Models for Data Fusion 2007 ,		4
96	Assessment of the Impact of Sensor Failure in the Recognition of Activities of Daily Living. <i>Lecture Notes in Computer Science</i> , 2008 , 136-144	0.9	4
95	Encouraging Behavioral Change via Everyday Technologies to Reduce Risk of Developing Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2014 , 51-58	0.9	4
94	Uncertain Information Management for ADL Monitoring in Smart Homes. <i>Studies in Computational Intelligence</i> , 2009 , 315-332	0.8	4

93	A Smart Garment for Older Walkers. <i>Lecture Notes in Computer Science</i> , 2012 , 258-261	0.9	4
92	Knowledge Discovery Using Bayesian Network Framework for Intelligent Telecommunication Network Management. <i>Lecture Notes in Computer Science</i> , 2010 , 518-529	0.9	4
91	Modelling mortality and discharge of hospitalized stroke patients using a phase-type recovery model. <i>Health Care Management Science</i> , 2019 , 22, 570-588	4	4
90	Understanding Contrail Business Processes through Hierarchical Clustering: A Multi-Stage Framework. <i>Algorithms</i> , 2020 , 13, 244	1.8	3
89	. <i>IEEE Transactions on Human-Machine Systems</i> , 2020 , 50, 277-286	4.1	3
88	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3985-3997	6.8	3
87	Do we need stochastic models for healthcare? The case of ICATS?. <i>Journal of Simulation</i> , 2014 , 8, 293-303	1.9	3
86	STOPGAP: Stroke patient management and capacity planning. <i>Operations Research for Health Care</i> , 2015 , 6, 78-86	1.8	3
85	Costing Mixed Coxian Phase-type Systems with Poisson Arrivals. <i>Communications in Statistics - Theory and Methods</i> , 2014 , 43, 1437-1452	0.5	3
84	A framework for context-aware online physiological monitoring 2011 ,		3
83	All Common Embedded Subtrees for Measuring Tree Similarity 2008 ,		3
82	Nurse manpower demand: a review of United Kingdom methodologies. <i>Journal of Advanced Nursing</i> , 1993 , 18, 1833-9	3.1	3
81	Using Markov Systems to Plan Stroke Services. <i>Studies in Computational Intelligence</i> , 2009 , 241-256	0.8	3
80	Combining Rules for Text Categorization Using Dempster's Rule of Combination. <i>Lecture Notes in Computer Science</i> , 2004 , 457-463	0.9	3
79	Model-Based Segmentation of Multimodal Images. <i>Lecture Notes in Computer Science</i> , 2007 , 604-611	0.9	3
78	Utilizing Wearable Sensors to Investigate the Impact of Everyday Activities on Heart Rate. <i>Lecture Notes in Computer Science</i> , 2011 , 184-191	0.9	3
77	Prediction of Assistive Technology Adoption for People with Dementia. <i>Lecture Notes in Computer Science</i> , 2013 , 160-171	0.9	3
76	Modelling mobile-based technology adoption among people with dementia.. <i>Personal and Ubiquitous Computing</i> , 2022 , 26, 365-384	2.1	3

75	Economic impact of energy saving techniques in cloud server. <i>Cluster Computing</i> , 2020 , 23, 611-621	2.1	3
74	eZiGait: Toward an AI Gait Analysis And Ssistant System 2018 ,		3
73	Continuous-time Markov models for geriatric patient behaviour 1997 , 13, 315		3
72	Fusing Thermopile Infrared Sensor Data for Single Component Activity Recognition within a Smart Environment. <i>Journal of Sensor and Actuator Networks</i> , 2019 , 8, 10	3.8	2
71	Multiple-source multiple-destinations relay channels with network coding. <i>IET Communications</i> , 2013 , 7, 1958-1968	1.3	2
70	Uncertainty reasoning for the Semantic Web based on Dempster-Shafer model 2013 ,		2
69	Uncertainty reasoning for the "big data" semantic web 2014 ,		2
68	Performance analysis of Bayesian Networks-based distributed Call Admission Control for NGN 2012 ,		2
67	Adaptive Measurement-Based Policy-Driven QoS Management with Fuzzy-Rule-based Resource Allocation. <i>Future Internet</i> , 2012 , 4, 646-671	3.3	2
66	An Extended Mixture Distribution Survival Tree for Patient Pathway Prognostication. <i>Communications in Statistics - Theory and Methods</i> , 2013 , 42, 2912-2934	0.5	2
65	Weighting common syntactic structures for natural language based information retrieval 2010 ,		2
64	Contour Detection of Labelled Cellular Structures from Serial Ultrathin Electron Microscopy Sections using GAC and Prior Analysis 2008 ,		2
63	Using simulated annealing for 3D reconstruction of orthopedic fracture. <i>Medical Physics</i> , 2004 , 31, 2184-2194	2.1	2
62	Feature Extraction and Classification of the Auditory Brainstem Response Using Wavelet Analysis. <i>Lecture Notes in Computer Science</i> , 2004 , 169-180	0.9	2
61	Learning temporal concepts from heterogeneous data sequences. <i>Soft Computing</i> , 2003 , 8, 109-117	3.5	2
60	Non-homogeneous Markov Models for Performance Monitoring of Healthcare 2007 ,		2
59	Incorporating Duration Information in Activity Recognition. <i>Lecture Notes in Computer Science</i> , 2010 , 245-255	0.9	2
58	Learning-Based Call Admission Control Framework for QoS Management in Heterogeneous Networks. <i>Communications in Computer and Information Science</i> , 2010 , 99-111	0.3	2

57	Using Markov Models to Characterize and Predict Process Target Compliance. <i>Mathematics</i> , 2021 , 9, 1187	2.3	2
56	A duration-based online reminder system. <i>International Journal of Pervasive Computing and Communications</i> , 2014 , 10, 442-468	3.3	1
55	Using Correlations for Application Monitoring in Cloud Computing 2017 ,		1
54	Using phase type distributions for modelling HIV disease progression 2012 ,		1
53	Novel distributed call admission control solution based on machine learning approach 2011 ,		1
52	Neighborhood counting for financial time series forecasting 2009 ,		1
51	Learning under uncertainty in smart home environments. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2083-6	0.9	1
50	Incorporating Feature Based Priors into the Geodesic Active Contour Model and its Application in Biomedical Imagery 2007 ,		1
49	Discussion on Hedging Predictions in Machine Learning by A. Gammerman and V. Vovk. <i>Computer Journal</i> , 2007 , 50, 164-172	1.3	1
48	Several methods of ranking retrieval systems with partial relevance judgment 2007 ,		1
47	2006 ,		1
46	Measuring and modelling patients flows through rehabilitation and continuing care. <i>Reviews in Clinical Gerontology</i> , 1998 , 8, 345-352		1
45	Using a manpower database to analyse the nurse limbo stock. <i>Journal of Advanced Nursing</i> , 1992 , 17, 992-1001	3.1	1
44	Extending the Entropy Stability Measure for Manpower Planning. <i>Journal of the Operational Research Society</i> , 1986 , 37, 1133	2	1
43	The Steady-State Behaviour of a Manpower Planning Model in Which Class Corresponds to Length of Service. <i>Journal of the Operational Research Society</i> , 1977 , 28, 305-311	2	1
42	Estimating Change Intensity and Duration in Human Activity Recognition Using Martingales. <i>Lecture Notes in Computer Science</i> , 2022 , 553-567	0.9	1
41	Ambulances Deployment Problems: Categorization, Evolution and Dynamic Problems Review. <i>ISPRS International Journal of Geo-Information</i> , 2022 , 11, 109	2.9	1
40	Regression Relevance Models for Data Fusion		1

39	Syntactic Information Retrieval		1
38	Every Layer Counts: Multi-Layer Multi-Head Attention for Neural Machine Translation. <i>Prague Bulletin of Mathematical Linguistics</i> , 2020 , 115, 51-82	0.3	1
37	HARF: A Hierarchical Activity Recognition Framework Using Smartphone Sensors. <i>Lecture Notes in Computer Science</i> , 2013 , 159-166	0.9	1
36	Knowledge Discovery from Semantically Heterogeneous Aggregate Databases Using Model-Based Clustering. <i>Lecture Notes in Computer Science</i> , 2007 , 190-202	0.9	1
35	Using Markov Models for Decision Support in Management of High Occupancy Hospital Care. <i>Studies in Computational Intelligence</i> , 2008 , 187-199	0.8	1
34	Stakeholder Involvement Guidelines to Improve the Design Process of Assistive Technology. <i>Lecture Notes in Computer Science</i> , 2012 , 206-209	0.9	1
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