

Sally I Mcclean

List of Publications by Year in descending order

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253
papers

4,528
citations

109137

35
h-index

149479

56
g-index

261
all docs

261
docs citations

261
times ranked

4260
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Placement of Accelerometers for the Detection of Everyday Activities. <i>Sensors</i> , 2013, 13, 9183-9200.	2.1	305
2	Smart City Architecture and its Applications Based on IoT. <i>Procedia Computer Science</i> , 2015, 52, 1089-1094.	1.2	304
3	Evidential fusion of sensor data for activity recognition in smart homes. <i>Pervasive and Mobile Computing</i> , 2009, 5, 236-252.	2.1	189
4	UAV Position Estimation and Collision Avoidance Using the Extended Kalman Filter. <i>IEEE Transactions on Vehicular Technology</i> , 2013, 62, 2749-2762.	3.9	134
5	A data mining approach to the prediction of corporate failure. <i>Knowledge-Based Systems</i> , 2001, 14, 189-195.	4.0	105
6	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.	0.9	99
7	Using a queueing model to help plan bed allocation in a department of geriatric medicine. <i>Health Care Management Science</i> , 2002, 5, 307-312.	1.5	88
8	Combining rough decisions for intelligent text mining using Dempster's rule. <i>Artificial Intelligence Review</i> , 2006, 26, 191-209.	9.7	85
9	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, 80-87.	1.4	72
10	Using Coxian Phase-Type Distributions to Identify Patient Characteristics for Duration of Stay in Hospital. <i>Health Care Management Science</i> , 2004, 7, 285-289.	1.5	71
11	Performance prediction of data fusion for information retrieval. <i>Information Processing and Management</i> , 2006, 42, 899-915.	5.4	71
12	Aggregation of imprecise and uncertain information in databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2001, 13, 902-912.	4.0	66
13	iGAIT: An interactive accelerometer based gait analysis system. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 715-723.	2.6	62
14	Markovian Workload Characterization for QoS Prediction in the Cloud. , 2011, , .		61
15	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, 155-169.	1.5	59
16	A Predictive Model for Assistive Technology Adoption for People With Dementia. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 375-383.	3.9	54
17	Some challenges facing Lean Thinking in healthcare. <i>International Journal for Quality in Health Care</i> , 2009, 21, 309-310.	0.9	52
18	A semi-Markov model for a multigrade population with Poisson recruitment. <i>Journal of Applied Probability</i> , 1980, 17, 846-852.	0.4	50

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19	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.	3.8	49
20	Patterns of Length of Stay After Admission in Geriatric Medicine: An Event History Approach. <i>Journal of the Royal Statistical Society: Series D (the Statistician)</i> , 1993, 42, 263.	0.2	48
21	Using evidence theory for the integration of distributed databases. <i>International Journal of Intelligent Systems</i> , 1997, 12, 763-776.	3.3	46
22	A machine learning approach to assessing gait patterns for Complex Regional Pain Syndrome. <i>Medical Engineering and Physics</i> , 2012, 34, 740-746.	0.8	46
23	Attitudinal dimensions of food choice and nutrient intake. <i>British Journal of Nutrition</i> , 1995, 74, 649-659.	1.2	45
24	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.	1.8	44
25	Unmanned Aerial Vehicles for Disaster Management. <i>Springer Natural Hazards</i> , 2019, , 83-107.	0.1	43
26	Stochastic models for geriatric in-patient behaviour. <i>Mathematical Medicine and Biology</i> , 1994, 11, 207-216.	0.8	41
27	Evaluation of Prompted Annotation of Activity Data Recorded from a Smart Phone. <i>Sensors</i> , 2014, 14, 15861-15879.	2.1	41
28	Manpower planning models and their estimation. <i>European Journal of Operational Research</i> , 1991, 51, 179-187.	3.5	40
29	Modelling patient duration of stay to facilitate resource management of geriatric hospitals. <i>Health Care Management Science</i> , 2002, 5, 313-319.	1.5	40
30	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	40
31	A rough set model with ontologies for discovering maximal association rules in document collections. <i>Knowledge-Based Systems</i> , 2003, 16, 243-251.	4.0	39
32	Feature selection and construction for the discrimination of neurodegenerative diseases based on gait analysis. , 2009, , .		39
33	A Mobile Multimedia Technology to Aid Those with Alzheimer's Disease. <i>IEEE MultiMedia</i> , 2010, 17, 42-51.	1.5	39
34	Video Reminders as Cognitive Prosthetics for People with Dementia. <i>Ageing International</i> , 2011, 36, 267-282.	0.6	38
35	Combining Wavelet Analysis and Bayesian Networks for the Classification of Auditory Brainstem Response. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006, 10, 458-467.	3.6	37
36	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.	2.1	37

#	ARTICLE	IF	CITATIONS
37	Intelligent Patient Management and Resource Planning for Complex, Heterogeneous, and Stochastic Healthcare Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1332-1345.	3.4	36
38	Cache performance models for quality of service compliance in storage clouds. Journal of Cloud Computing: Advances, Systems and Applications, 2013, 2, 1.	2.1	36
39	Machine Learning and Statistical Approaches to Support the Discrimination of Neuro-degenerative Diseases Based on Gait Analysis. Studies in Computational Intelligence, 2009, , 57-70.	0.7	36
40	Timely autonomous identification of UAV safe landing zones. Image and Vision Computing, 2014, 32, 568-578.	2.7	35
41	A three compartment model of the patient flows in a geriatric department: a decision support approach. Health Care Management Science, 1998, 1, 159-163.	1.5	33
42	Continuous-time stochastic models of a multigrade population. Journal of Applied Probability, 1978, 15, 26-37.	0.4	30
43	Maintaining connectivity in UAV swarm sensing. , 2010, , .		30
44	A Lightweight Hierarchical Activity Recognition Framework Using Smartphone Sensors. Sensors, 2014, 14, 16181-16195.	2.1	30
45	Phase-Type Survival Trees and Mixed Distribution Survival Trees for Clustering Patients' Hospital Length of Stay. Informatica, 2011, 22, 57-72.	1.5	30
46	A continuous-time population model with poisson recruitment. Journal of Applied Probability, 1976, 13, 348-354.	0.4	29
47	Database aggregation of imprecise and uncertain evidence. Information Sciences, 2003, 155, 245-263.	4.0	29
48	Non-homogeneous continuous-time Markov and semi-Markov manpower models. Applied Stochastic Models and Data Analysis, 1997, 13, 191-198.	0.6	28
49	Improving high accuracy retrieval by eliminating the uneven correlation effect in data fusion. Journal of the Association for Information Science and Technology, 2006, 57, 1962-1973.	2.6	28
50	Assessing the utility of smart mobile phones in gait pattern analysis. Health and Technology, 2012, 2, 81-88.	2.1	27
51	A decision support system for bed-occupancy management and planning hospitals. Mathematical Medicine and Biology, 1995, 12, 249-257.	0.8	26
52	Continuous-time Markov models for geriatric patient behaviour. Applied Stochastic Models and Data Analysis, 1997, 13, 315-323.	0.6	25
53	Estimating the costs for a group of geriatric patients using the Coxian phase-type distribution. Statistics in Medicine, 2007, 26, 2716-2729.	0.8	25
54	Behavior Life Style Analysis for Mobile Sensory Data in Cloud Computing through MapReduce. Sensors, 2014, 14, 22001-22020.	2.1	25

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55	Modelling assistive technology adoption for people with dementia. Journal of Biomedical Informatics, 2016, 63, 235-248.	2.5	24
56	Probabilistic Learning From Incomplete Data for Recognition of Activities of Daily Living in Smart Homes. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 454-462.	3.6	23
57	A multi-phase DES modelling framework for patient-centred care. Journal of the Operational Research Society, 2016, 67, 1239-1249.	2.1	23
58	Trends in telemedicine assessment indicate neglect of key criteria for predicting success. Journal of Health Organization and Management, 2012, 26, 508-523.	0.6	22
59	Using phase-type models to cost stroke patient care across health, social and community services. European Journal of Operational Research, 2014, 236, 190-199.	3.5	22
60	Optimal and efficient integration of heterogeneous summary tables in a distributed database. Data and Knowledge Engineering, 1999, 29, 337-350.	2.1	21
61	Addressing Bed Costs for the Elderly: A New Methodology for Modelling Patient Outcomes and Length of Stay. Health Care Management Science, 2004, 7, 27-33.	1.5	21
62	Non-homogeneous Markov models for sequential pattern mining of healthcare data. IMA Journal of Management Mathematics, 2009, 20, 327-344.	1.1	21
63	Using duration to learn activities of daily living in a smart home environment. , 2010, , .		21
64	The Perpetual Student: Modeling Duration of Undergraduate Studies Based on Lifetime-Type Educational Data. Lifetime Data Analysis, 2003, 9, 311-330.	0.4	20
65	Is it beneficial to increase the provision of thrombolysis?—a discrete-event simulation model. QJM - Monthly Journal of the Association of Physicians, 2012, 105, 665-673.	0.2	20
66	Efficient knowledge discovery through the integration of heterogeneous data. Information and Software Technology, 1999, 41, 569-578.	3.0	19
67	Communication provision for a team of remotely searching UAVs: A mobile relay approach. , 2012, , .		19
68	Entropy as a Measure of Stability in a Manpower System. Journal of the Operational Research Society, 1978, 29, 885-889.	2.1	18
69	Knowledge discovery in distributed databases using evidence theory. International Journal of Intelligent Systems, 2000, 15, 745-761.	3.3	18
70	Decision Support for Alzheimer's Patients in Smart Homes. , 2008, , .		18
71	A smartphone application to evaluate technology adoption and usage in persons with dementia. , 2014, 2014, 5389-92.		18
72	A Scalable, Research Oriented, Generic, Sensor Data Platform. IEEE Access, 2018, 6, 45473-45484.	2.6	18

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73	A non-parametric competing risks model for manpower planning. <i>Applied Stochastic Models and Data Analysis</i> , 1991, 7, 327-341.	0.6	17
74	Knowledge discovery by probabilistic clustering of distributed databases. <i>Data and Knowledge Engineering</i> , 2005, 54, 189-210.	2.1	17
75	Clustering patient length of stay using mixtures of Gaussian models and phase type distributions. , 2009, , .		17
76	Assessing Gait Patterns of Healthy Adults Climbing Stairs Employing Machine Learning Techniques. <i>International Journal of Intelligent Systems</i> , 2013, 28, 257-270.	3.3	17
77	A scalable approach to integrating heterogeneous aggregate views of distributed databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2003, 15, 232-236.	4.0	16
78	Protection of records and data authentication based on secret shares and watermarking. <i>Future Generation Computer Systems</i> , 2019, 98, 331-341.	4.9	16
79	Discrete Time Reward Models for Homogeneous Semi-Markov Systems. <i>Communications in Statistics - Theory and Methods</i> , 2004, 33, 623-638.	0.6	15
80	Assessing accelerometer based gait features to support gait analysis for people with complex regional pain syndrome. , 2010, , .		15
81	Costing hospital resources for stroke patients using phase-type models. <i>Health Care Management Science</i> , 2011, 14, 279-291.	1.5	15
82	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.	1.0	15
83	Ambulances Deployment Problems: Categorization, Evolution and Dynamic Problems Review. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 109.	1.4	15
84	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.	1.5	14
85	Result merging methods in distributed information retrieval with overlapping databases. <i>Information Retrieval</i> , 2007, 10, 297-319.	1.6	14
86	IIDWBA algorithm for integrated hybrid PON with wireless technologies for next generation broadband access networks. <i>Optical Switching and Networking</i> , 2013, 10, 439-457.	1.2	14
87	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.	1.8	14
88	A nonparametric maximum likelihood estimator for incomplete renewal data. <i>Biometrika</i> , 1995, 82, 791-803.	1.3	13
89	Incorporating domain knowledge into attribute-oriented data mining. <i>International Journal of Intelligent Systems</i> , 2000, 15, 535-547.	3.3	13
90	Using a multi-state model to enhance understanding of geriatric patient care. <i>Australian Health Review</i> , 2007, 31, 91.	0.5	13

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91	Application of Bayesian Networks for Autonomic Network Management. Journal of Network and Systems Management, 2014, 22, 174-207.	3.3	13
92	Situation Assessment to Secure IoT Applications. , 2018, , .		13
93	Characterization of Received Signal Strength Perturbations Using Allan Variance. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 873-889.	2.6	13
94	A Nonparametric Maximum Likelihood Estimator for Incomplete Renewal Data. Biometrika, 1995, 82, 791.	1.3	12
95	Machine learning based Call Admission Control approaches: A comparative study. , 2010, , .		12
96	A Multidimensional Sequence Approach to Measuring Tree Similarity. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 197-208.	4.0	12
97	A Practical Evaluation in Openstack Live Migration of VMs Using 10Gb/s Interfaces. , 2016, , .		11
98	Performance of a Steady-State Visual Evoked Potential and Eye Gaze Hybrid Brain-Computer Interface on Participants With and Without a Brain Injury. IEEE Transactions on Human-Machine Systems, 2020, 50, 277-286.	2.5	11
99	Evaluation of Video Reminding Technology for Persons with Dementia. Lecture Notes in Computer Science, 2011, , 153-160.	1.0	11
100	Go with the flow. OR Insight, 1994, 7, 2-5.	0.1	10
101	Conceptual Clustering of Heterogeneous Gene Expression Sequences. Artificial Intelligence Review, 2003, 20, 53-73.	9.7	10
102	Modelling costs of bed occupancy and delayed discharge of post-stroke patients. , 2010, , .		10
103	On the Moments and the Distribution of the Cost of a Semi Markov Model for Healthcare Systems. Methodology and Computing in Applied Probability, 2012, 14, 717-737.	0.7	10
104	SLA-based scheduling of applications for geographically secluded clouds. , 2014, , .		10
105	Sensor-Based Change Detection for Timely Solicitation of User Engagement. IEEE Transactions on Mobile Computing, 2017, 16, 2889-2900.	3.9	10
106	Deriving Relationships between Physiological Change and Activities of Daily Living Using Wearable Sensors. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 235-250.	0.2	10
107	Do Type As Eat Differently? A Comparison of Men and Women. Appetite, 1996, 26, 277-286.	1.8	9
108	Using Dempsterâ€Shafer to incorporate knowledge into satellite image classification. Artificial Intelligence Review, 2007, 25, 161-178.	9.7	9

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109	An intervention mechanism for assistive living in smart homes. Journal of Ambient Intelligence and Smart Environments, 2010, 2, 233-252.	0.8	9
110	Forecasting hospital bed requirements and cost of care using phase type survival trees. , 2010, , .		9
111	Utilizing Geographic Information System Data for Unmanned Aerial Vehicle Position Estimation. , 2011, , .		9
112	Optimal Parameter Exploration for Online Change-Point Detection in Activity Monitoring Using Genetic Algorithms. Sensors, 2016, 16, 1784.	2.1	9
113	Technology adoption and prediction tools for everyday technologies aimed at people with dementia. , 2016, 2016, 4407-4410.		9
114	An optimal UAV deployment algorithm for bridging communication. , 2017, , .		9
115	Economic impact of energy saving techniques in cloud server. Cluster Computing, 2020, 23, 611-621.	3.5	9
116	The Steady-State Behaviour of a Manpower Planning Model in Which Class Corresponds to Length of Service. Journal of the Operational Research Society, 1977, 28, 305-311.	2.1	8
117	AGENTS FOR QUERYING DISTRIBUTED STATISTICAL DATABASES OVER THE INTERNET. International Journal on Artificial Intelligence Tools, 2002, 11, 63-94.	0.7	8
118	Assessing task compliance following mobile phone-based video reminders. , 2011, 2011, 5295-8.		8
119	Modelling Safe Landing Zone Detection Options to Assist in Safety Critical UAV Decision Making. Procedia Computer Science, 2012, 10, 1146-1151.	1.2	8
120	A duration-based online reminder system. International Journal of Pervasive Computing and Communications, 2014, 10, 337-366.	1.1	8
121	Modelling mortality and discharge of hospitalized stroke patients using a phase-type recovery model. Health Care Management Science, 2019, 22, 570-588.	1.5	8
122	Encouraging Behavioral Change via Everyday Technologies to Reduce Risk of Developing Alzheimerâ€™s Disease. Lecture Notes in Computer Science, 2014, , 51-58.	1.0	8
123	Using Markov Models to Find Interesting Patient Pathways. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	7
124	Integrating semantically heterogeneous aggregate views of distributed databases. Distributed and Parallel Databases, 2008, 24, 73-94.	1.0	7
125	An extended phase type survival tree for patient pathway prognostication. , 2010, , .		7
126	Machine learning and statistical approaches to assessing gait patterns of younger and older healthy adults climbing stairs. , 2011, , .		7

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127	Stakeholder involvement guidelines to improve the design process of assistive technology: lesson from the development of the MPVS system. Health and Technology, 2013, 3, 119-127.	2.1	7
128	Modeling Throughput of Emergency Departments via Time Series. ACM Transactions on Management Information Systems, 2013, 4, 1-16.	2.1	7
129	Hybrid Demodulate-Forward Relay Protocol for Two-Way Relay Channels. IEEE Transactions on Wireless Communications, 2015, 14, 4328-4341.	6.1	7
130	Understanding Conrail Business Processes through Hierarchical Clustering: A Multi-Stage Framework. Algorithms, 2020, 13, 244.	1.2	7
131	Learning Dynamic Bayesian Belief Networks Using Conditional Phase-Type Distributions. , 2000, , 516-523.		7
132	Mobile Based Prompted Labeling of Large Scale Activity Data. Lecture Notes in Computer Science, 2013, , 9-17.	1.0	7
133	Measuring Tree Similarity for Natural Language Processing Based Information Retrieval. Lecture Notes in Computer Science, 2010, , 13-23.	1.0	7
134	Integration of Terrain Image Sensing with UAV Safety Management Protocols. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 36-51.	0.2	7
135	Using a manpower database to model nurse turnaround and return to service. Journal of Advanced Nursing, 1991, 16, 1382-1386.	1.5	6
136	Combining feature ranking with PCA: An application to gait analysis. , 2010, , .		6
137	Using mixed phase-type distributions to model patient pathways. , 2010, , .		6
138	Evaluation of a technology enabled garment for older walkers. , 2012, 2012, 2100-3.		6
139	A SLA-compliant Cloud resource allocation framework for N-tier applications. , 2012, , .		6
140	A Communication Model to Decouple the Path Planning and Connectivity Optimization and Support Cooperative Sensing. IEEE Transactions on Vehicular Technology, 2014, 63, 3985-3997.	3.9	6
141	An analysis of live migration in openstack using high speed optical network. , 2016, , .		6
142	An Unmanned Aerial Vehicle Based Wireless Network for Bridging Communication. , 2017, , .		6
143	Modelling mobile-based technology adoption among people with dementia. Personal and Ubiquitous Computing, 2022, 26, 365-384.	1.9	6
144	Uncertain Information Management for ADL Monitoring in Smart Homes. Studies in Computational Intelligence, 2009, , 315-332.	0.7	6

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145	Knowledge Discovery Using Bayesian Network Framework for Intelligent Telecommunication Network Management. Lecture Notes in Computer Science, 2010, , 518-529.	1.0	6
146	Using background knowledge in the aggregation of imprecise evidence in databases. Data and Knowledge Engineering, 2000, 32, 131-143.	2.1	5
147	Feature Extraction and Classification of the Auditory Brainstem Response Using Wavelet Analysis. Lecture Notes in Computer Science, 2004, , 169-180.	1.0	5
148	Duration discretisation for activity recognition. Technology and Health Care, 2007, 20, 277-295.	0.5	5
149	Optimal Control of Patient Admissions to Satisfy Resource Restrictions. , 2008, , .		5
150	A framework for context-aware online physiological monitoring. , 2011, , .		5
151	Do we need stochastic models for healthcare? The case of ICATS?. Journal of Simulation, 2014, 8, 293-303.	1.0	5
152	eZiGait: Toward an AI Gait Analysis And Sssistant System. , 2018, , .		5
153	Predicting Technology Adoption in People with Dementia; Initial Results from the TAUT Project. Lecture Notes in Computer Science, 2014, , 266-274.	1.0	5
154	A Smart Garment for Older Walkers. Lecture Notes in Computer Science, 2012, , 258-261.	1.0	5
155	Assessment of the Impact of Sensor Failure in the Recognition of Activities of Daily Living. Lecture Notes in Computer Science, 2008, , 136-144.	1.0	5
156	Knowledge-based semi-supervised satellite image classification. , 2007, , .		4
157	Regression Relevance Models for Data Fusion. , 2007, , .		4
158	All Common Embedded Subtrees for Measuring Tree Similarity. , 2008, , .		4
159	Learning under uncertainty in smart home environments. , 2008, 2008, 2083-6.		4
160	Coupling edge and region-based information for boundary finding in biomedical imagery. Pattern Recognition, 2012, 45, 672-684.	5.1	4
161	Fusing Thermopile Infrared Sensor Data for Single Component Activity Recognition within a Smart Environment. Journal of Sensor and Actuator Networks, 2019, 8, 10.	2.3	4
162	Combining Rules for Text Categorization Using Dempster's Rule of Combination. Lecture Notes in Computer Science, 2004, , 457-463.	1.0	4

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163	Model-Based Segmentation of Multimodal Images. Lecture Notes in Computer Science, 2007, , 604-611.	1.0	4
164	Incorporating Duration Information in Activity Recognition. Lecture Notes in Computer Science, 2010, , 245-255.	1.0	4
165	Nurse manpower demand: a review of United Kingdom methodologies. Journal of Advanced Nursing, 1993, 18, 1833-1839.	1.5	3
166	Measuring and modelling patients flows through rehabilitation and continuing care. Reviews in Clinical Gerontology, 1998, 8, 345-352.	0.5	3
167	Contour Detection of Labelled Cellular Structures from Serial Ultrathin Electron Microscopy Sections using GAC and Prior Analysis. , 2008, , .		3
168	Power control of control frames in IEEE 802.11 networks. AEU - International Journal of Electronics and Communications, 2011, 65, 165-172.	1.7	3
169	Adaptive Measurement-Based Policy-Driven QoS Management with Fuzzy-Rule-based Resource Allocation. Future Internet, 2012, 4, 646-671.	2.4	3
170	Uncertainty reasoning for the Semantic Web based on Dempster-Shafer model. , 2013, , .		3
171	An Extended Mixture Distribution Survival Tree for Patient Pathway Prognostication. Communications in Statistics - Theory and Methods, 2013, 42, 2912-2934.	0.6	3
172	Uncertainty reasoning for the "big data" semantic web. , 2014, , .		3
173	Costing Mixed Coxian Phase-type Systems with Poisson Arrivals. Communications in Statistics - Theory and Methods, 2014, 43, 1437-1452.	0.6	3
174	STOPGAP: Stroke patient management and capacity planning. Operations Research for Health Care, 2015, 6, 78-86.	0.8	3
175	Using Markov Models to Characterize and Predict Process Target Compliance. Mathematics, 2021, 9, 1187.	1.1	3
176	Continuous-time Markov models for geriatric patient behaviour. , 1997, 13, 315.		3
177	Prediction of Assistive Technology Adoption for People with Dementia. Lecture Notes in Computer Science, 2013, , 160-171.	1.0	3
178	Using Markov Systems to Plan Stroke Services. Studies in Computational Intelligence, 2009, , 241-256.	0.7	3
179	Extending the Entropy Stability Measure for Manpower Planning. Journal of the Operational Research Society, 1986, 37, 1133.	2.1	2
180	Using a manpower database to analyse the nurse limbo stock. Journal of Advanced Nursing, 1992, 17, 992-1001.	1.5	2

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181	Learning temporal concepts from heterogeneous data sequences. <i>Soft Computing</i> , 2003, 8, 109-117.	2.1	2
182	Using simulated annealing for 3D reconstruction of orthopedic fracture. <i>Medical Physics</i> , 2004, 31, 2184-2191.	1.6	2
183	Several methods of ranking retrieval systems with partial relevance judgment. , 2007, , .		2
184	Neighborhood counting for financial time series forecasting. , 2009, , .		2
185	Weighting common syntactic structures for natural language based information retrieval. , 2010, , .		2
186	Novel distributed call admission control solution based on machine learning approach. , 2011, , .		2
187	Performance analysis of Bayesian Networks-based distributed Call Admission Control for NGN. , 2012, , .		2
188	Using phase type distributions for modelling HIV disease progression. , 2012, , .		2
189	Multiple-source multiple-destinations relay channels with network coding. <i>IET Communications</i> , 2013, 7, 1958-1968.	1.5	2
190	A duration-based online reminder system. <i>International Journal of Pervasive Computing and Communications</i> , 2014, 10, 442-468.	1.1	2
191	Quality of Service Scheme for Intra/Inter-Data Center Communications. , 2017, , .		2
192	Optical Space Switches in Data Centers: Issues with Transport Protocols. <i>Photonics</i> , 2019, 6, 16.	0.9	2
193	Dual contextual module for neural machine translation. <i>Machine Translation</i> , 2021, 35, 571-593.	1.3	2
194	Non-homogeneous Markov Models for Performance Monitoring of Healthcare. , 2007, , .		2
195	Learning-Based Call Admission Control Framework for QoS Management in Heterogeneous Networks. <i>Communications in Computer and Information Science</i> , 2010, , 99-111.	0.4	2
196	Parameter Optimization for Online Change Detection in Activity Monitoring Using Multivariate Exponentially Weighted Moving Average (MEWMA). <i>Lecture Notes in Computer Science</i> , 2015, , 50-59.	1.0	2
197	Every Layer Counts: Multi-Layer Multi-Head Attention for Neural Machine Translation. <i>Prague Bulletin of Mathematical Linguistics</i> , 2020, 115, 51-82.	0.7	2
198	A Study of Maternal and Umbilical Cord Blood Lead Levels in Pregnant Women. <i>Indian Journal of Clinical Biochemistry</i> , 2023, 38, 94-101.	0.9	2

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199	Semi-Markov models for human-resource modelling. IMA Journal of Management Mathematics, 1992, 4, 307-315.	1.1	1
200	Rule discovery for event histories. Intelligent Data Analysis, 2000, 4, 349-362.	0.4	1
201	Using Domain Knowledge to Learn from Heterogeneous Distributed Databases. Lecture Notes in Computer Science, 2004, , 171-177.	1.0	1
202	Using Markov Models to Manage High Occupancy Hospital Care. , 2006, , .		1
203	Syntactic Information Retrieval. , 2007, , .		1
204	Incorporating Feature Based Priors into the Geodesic Active Contour Model and its Application in Biomedical Imagery. , 2007, , .		1
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