

# Sally I Mcclean

## List of Publications by Year in descending order

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254  
papers

4,528  
citations

109321

35  
h-index

149698

56  
g-index

261  
all docs

261  
docs citations

261  
times ranked

4260  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study of Maternal and Umbilical Cord Blood Lead Levels in Pregnant Women. Indian Journal of Clinical Biochemistry, 2023, 38, 94-101.	1.9	2
2	Modelling mobile-based technology adoption among people with dementia. Personal and Ubiquitous Computing, 2022, 26, 365-384.	2.8	6
3	Ambulances Deployment Problems: Categorization, Evolution and Dynamic Problems Review. ISPRS International Journal of Geo-Information, 2022, 11, 109.	2.9	15
4	A Novel Martingale Based Model Using a Smartphone to Detect Gait Bout in Human Activity Recognition. Journal of Sensors, 2022, 2022, 1-24.	1.1	1
5	Detecting and Responding to Concept Drift in Business Processes. Algorithms, 2022, 15, 174.	2.1	1
6	Using Markov Models to Characterize and Predict Process Target Compliance. Mathematics, 2021, 9, 1187.	2.2	3
7	Evaluating Different Selection Criteria for Phase Type Survival Tree Construction. Big Data Research, 2021, 25, 100250.	4.2	1
8	On the Study of Sustainability and Outage of SWIPT-Enabled Wireless Communications. IEEE Journal on Selected Topics in Signal Processing, 2021, , 1-1.	10.8	0
9	Novel Martingale Approaches for Change Point Detection. Advances in Intelligent Systems and Computing, 2021, , 457-467.	0.6	1
10	Dual contextual module for neural machine translation. Machine Translation, 2021, 35, 571-593.	1.3	2
11	Economic impact of energy saving techniques in cloud server. Cluster Computing, 2020, 23, 611-621.	5.0	9
12	Understanding Contrail Business Processes through Hierarchical Clustering: A Multi-Stage Framework. Algorithms, 2020, 13, 244.	2.1	7
13	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.	3.5	11
14	Every Layer Counts: Multi-Layer Multi-Head Attention for Neural Machine Translation. Prague Bulletin of Mathematical Linguistics, 2020, 115, 51-82.	0.5	2
15	Unmanned Aerial Vehicles for Disaster Management. Springer Natural Hazards, 2019, , 83-107.	0.3	43
16	Optical Space Switches in Data Centers: Issues with Transport Protocols. Photonics, 2019, 6, 16.	2.0	2
17	Fusing Thermopile Infrared Sensor Data for Single Component Activity Recognition within a Smart Environment. Journal of Sensor and Actuator Networks, 2019, 8, 10.	3.9	4
18	Protection of records and data authentication based on secret shares and watermarking. Future Generation Computer Systems, 2019, 98, 331-341.	7.5	16

#	ARTICLE	IF	CITATIONS
19	Modelling mortality and discharge of hospitalized stroke patients using a phase-type recovery model. Health Care Management Science, 2019, 22, 570-588.	2.6	8
20	Using Phase-type Models to Monitor and Predict Process Target Compliance. , 2019, , .		1
21	eZiGait: Toward an AI Gait Analysis And Sssistant System. , 2018, , .		5
22	Situation Assessment to Secure IoT Applications. , 2018, , .		13
23	A Scalable, Research Oriented, Generic, Sensor Data Platform. IEEE Access, 2018, 6, 45473-45484.	4.2	18
24	Characterization of Received Signal Strength Perturbations Using Allan Variance. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 873-889.	4.7	13
25	Energy optimisation in cloud servers using a static threshold VM consolidation technique (STVMC). , 2018, , .		1
26	Definition of Strategies for the Reduction of Operational Inefficiencies in a Stroke Unit. Lecture Notes in Computer Science, 2018, , 488-501.	1.3	0
27	Quality of Service Scheme for Intra/Inter-Data Center Communications. , 2017, , .		2
28	Sensor-Based Change Detection for Timely Solicitation of User Engagement. IEEE Transactions on Mobile Computing, 2017, 16, 2889-2900.	5.8	10
29	Applications of phase type survival trees in HIV disease progression modelling. , 2017, , .		0
30	An optimal UAV deployment algorithm for bridging communication. , 2017, , .		9
31	An Unmanned Aerial Vehicle Based Wireless Network for Bridging Communication. , 2017, , .		6
32	Using Correlations for Application Monitoring in Cloud Computing. , 2017, , .		1
33	Optimal Parameter Exploration for Online Change-Point Detection in Activity Monitoring Using Genetic Algorithms. Sensors, 2016, 16, 1784.	3.8	9
34	COSA: An approach to classifying uncertainty in an ontology tree for sensor data Fusion. , 2016, , .		0
35	Modelling assistive technology adoption for people with dementia. Journal of Biomedical Informatics, 2016, 63, 235-248.	4.3	24
36	An analysis of live migration in openstack using high speed optical network. , 2016, , .		6

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37	Using Genetic Algorithms for Optimal Change Point Detection in Activity Monitoring. , 2016, , .		1
38	Technology adoption and prediction tools for everyday technologies aimed at people with dementia. , 2016, 2016, 4407-4410.		9
39	A Practical Evaluation in Openstack Live Migration of VMs Using 10Gb/s Interfaces. , 2016, , .		11
40	A multi-phase DES modelling framework for patient-centred care. Journal of the Operational Research Society, 2016, 67, 1239-1249.	3.4	23
41	Using Genetic Algorithms to optimise dynamic power saving in communication links subject to quality of service requirements. Sustainable Computing: Informatics and Systems, 2016, 10, 1-19.	2.2	1
42	The Empowering Role of Mobile Apps in Behavior Change Interventions: The Gray Matters Randomized Controlled Trial. JMIR MHealth and UHealth, 2016, 4, e93.	3.7	44
43	Change Point Detection Using Multivariate Exponentially Weighted Moving Average (MEWMA) for Optimal Parameter in Online Activity Monitoring. Lecture Notes in Computer Science, 2016, , 156-165.	1.3	0
44	Tree Similarity Measurement for Classifying Questions by Syntactic Structures. Lecture Notes in Computer Science, 2016, , 379-390.	1.3	1
45	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. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2015, 1, 53-62.	3.7	14
46	Relaying for 5G: A novel low-error relaying protocol. , 2015, , .		0
47	STOPGAP: Stroke patient management and capacity planning. Operations Research for Health Care, 2015, 6, 78-86.	1.2	3
48	A randomised clinical trial of the effectiveness of home-based health care with telemonitoring in patients with COPD. Journal of Telemedicine and Telecare, 2015, 21, 80-87.	2.7	72
49	Smart City Architecture and its Applications Based on IoT. Procedia Computer Science, 2015, 52, 1089-1094.	2.0	304
50	Hybrid Demodulate-Forward Relay Protocol for Two-Way Relay Channels. IEEE Transactions on Wireless Communications, 2015, 14, 4328-4341.	9.2	7
51	Parameter Optimization for Online Change Detection in Activity Monitoring Using Multivariate Exponentially Weighted Moving Average (MEWMA). Lecture Notes in Computer Science, 2015, , 50-59.	1.3	2
52	Evaluation of Prompted Annotation of Activity Data Recorded from a Smart Phone. Sensors, 2014, 14, 15861-15879.	3.8	41
53	A Lightweight Hierarchical Activity Recognition Framework Using Smartphone Sensors. Sensors, 2014, 14, 16181-16195.	3.8	30
54	Sustainable Communications Infrastructures in the Cloud - Supporting the Information Economy. , 2014, , .		0

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55	A duration-based online reminder system. International Journal of Pervasive Computing and Communications, 2014, 10, 337-366.	1.3	8
56	SLA-based scheduling of applications for geographically secluded clouds. , 2014, , .		10
57	Uncertainty reasoning for the &#x0022;big data&#x0022; semantic web. , 2014, , .		3
58	Costing Mixed Coxian Phase-type Systems with Poisson Arrivals. Communications in Statistics - Theory and Methods, 2014, 43, 1437-1452.	1.0	3
59	Behavior Life Style Analysis for Mobile Sensory Data in Cloud Computing through MapReduce. Sensors, 2014, 14, 22001-22020.	3.8	25
60	Development of a Technology Adoption and Usage Prediction Tool for Assistive Technology for People with Dementia. Interacting With Computers, 2014, 26, 169-176.	1.5	15
61	Clustering semantically heterogeneous distributed aggregate databases. Knowledge and Information Systems, 2014, 38, 331-364.	3.2	0
62	A Communication Model to Decouple the Path Planning and Connectivity Optimization and Support Cooperative Sensing. IEEE Transactions on Vehicular Technology, 2014, 63, 3985-3997.	6.3	6
63	Application of Bayesian Networks for Autonomic Network Management. Journal of Network and Systems Management, 2014, 22, 174-207.	4.9	13
64	A Predictive Model for Assistive Technology Adoption for People With Dementia. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 375-383.	6.3	54
65	A smartphone application to evaluate technology adoption and usage in persons with dementia. , 2014, 2014, 5389-92.		18
66	Timely autonomous identification of UAV safe landing zones. Image and Vision Computing, 2014, 32, 568-578.	4.5	35
67	Using phase-type models to cost stroke patient care across health, social and community services. European Journal of Operational Research, 2014, 236, 190-199.	5.7	22
68	A duration-based online reminder system. International Journal of Pervasive Computing and Communications, 2014, 10, 442-468.	1.3	2
69	Do we need stochastic models for healthcare? The case of ICATS?. Journal of Simulation, 2014, 8, 293-303.	1.5	5
70	Patient Satisfaction Evaluation of Telemedicine Applications Is Not Satisfactory. IFMBE Proceedings, 2014, , 1140-1143.	0.3	1
71	Predicting Technology Adoption in People with Dementia; Initial Results from the TAUT Project. Lecture Notes in Computer Science, 2014, , 266-274.	1.3	5
72	Encouraging Behavioral Change via Everyday Technologies to Reduce Risk of Developing Alzheimer&#x2019;s Disease. Lecture Notes in Computer Science, 2014, , 51-58.	1.3	8

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73	Identification of Ideal Contexts to Issue Reminders for Persons with Dementia. Lecture Notes in Computer Science, 2014, , 369-376.	1.3	0
74	Online Change Detection for Timely Solicitation of User Interaction. Lecture Notes in Computer Science, 2014, , 116-123.	1.3	1
75	Cache performance models for quality of service compliance in storage clouds. Journal of Cloud Computing: Advances, Systems and Applications, 2013, 2, 1.	3.9	36
76	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.	3.6	7
77	IIDWBA algorithm for integrated hybrid PON with wireless technologies for next generation broadband access networks. Optical Switching and Networking, 2013, 10, 439-457.	2.0	14
78	Multiple-source multiple-destinations relay channels with network coding. IET Communications, 2013, 7, 1958-1968.	2.2	2
79	Costing Mixed Coxian Phase-type Systems in a given time interval. , 2013, , .		0
80	Uncertainty reasoning for the Semantic Web based on Dempster-Shafer model. , 2013, , .		3
81	Assessing Gait Patterns of Healthy Adults Climbing Stairs Employing Machine Learning Techniques. International Journal of Intelligent Systems, 2013, 28, 257-270.	5.7	17
82	UAV Position Estimation and Collision Avoidance Using the Extended Kalman Filter. IEEE Transactions on Vehicular Technology, 2013, 62, 2749-2762.	6.3	134
83	Modeling Throughput of Emergency Departments via Time Series. ACM Transactions on Management Information Systems, 2013, 4, 1-16.	2.8	7
84	Optimal Placement of Accelerometers for the Detection of Everyday Activities. Sensors, 2013, 13, 9183-9200.	3.8	305
85	Activity recognition and resource optimization in mobile cloud through MapReduce. , 2013, , .		1
86	An Extended Mixture Distribution Survival Tree for Patient Pathway Prognostication. Communications in Statistics - Theory and Methods, 2013, 42, 2912-2934.	1.0	3
87	Mobile Based Prompted Labeling of Large Scale Activity Data. Lecture Notes in Computer Science, 2013, , 9-17.	1.3	7
88	Prediction of Assistive Technology Adoption for People with Dementia. Lecture Notes in Computer Science, 2013, , 160-171.	1.3	3
89	Using phase-type models to cost a cohort of stroke patients. , 2012, , .		1
90	Evaluation of a technology enabled garment for older walkers. , 2012, 2012, 2100-3.		6

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91	Trends in telemedicine assessment indicate neglect of key criteria for predicting success. Journal of Health Organization and Management, 2012, 26, 508-523.	1.3	22
92	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.	0.5	20
93	Performance analysis of Bayesian Networks-based distributed Call Admission Control for NGN. , 2012, , .		2
94	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.	1.2	10
95	iGAIT: An interactive accelerometer based gait analysis system. Computer Methods and Programs in Biomedicine, 2012, 108, 715-723.	4.7	62
96	Modelling Safe Landing Zone Detection Options to Assist in Safety Critical UAV Decision Making. Procedia Computer Science, 2012, 10, 1146-1151.	2.0	8
97	Communication provision for a team of remotely searching UAVs: A mobile relay approach. , 2012, , .		19
98	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.	2.9	36
99	A SLA-compliant Cloud resource allocation framework for N-tier applications. , 2012, , .		6
100	A machine learning approach to assessing gait patterns for Complex Regional Pain Syndrome. Medical Engineering and Physics, 2012, 34, 740-746.	1.7	46
101	Using phase type distributions for modelling HIV disease progression. , 2012, , .		2
102	A Multidimensional Sequence Approach to Measuring Tree Similarity. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 197-208.	5.7	12
103	Adaptive Measurement-Based Policy-Driven QoS Management with Fuzzy-Rule-based Resource Allocation. Future Internet, 2012, 4, 646-671.	3.8	3
104	Assessing the utility of smart mobile phones in gait pattern analysis. Health and Technology, 2012, 2, 81-88.	3.6	27
105	Coupling edge and region-based information for boundary finding in biomedical imagery. Pattern Recognition, 2012, 45, 672-684.	8.1	4
106	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.	3.2	23
107	Stakeholder Involvement Guidelines to Improve the Design Process of Assistive Technology. Lecture Notes in Computer Science, 2012, , 206-209.	1.3	1
108	A Smart Garment for Older Walkers. Lecture Notes in Computer Science, 2012, , 258-261.	1.3	5

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109	Quality of Service Monitoring Strategies in Service Oriented Architecture Environments using Processor Hardware Performance Metrics. , 2012, , 86-114.		0
110	A framework for context-aware online physiological monitoring. , 2011, , .		5
111	Novel distributed call admission control solution based on machine learning approach. , 2011, , .		2
112	Using model-based clustering to discretise duration information for activity recognition. , 2011, , .		1
113	Utilizing Geographic Information System Data for Unmanned Aerial Vehicle Position Estimation. , 2011, , .		9
114	Markovian Workload Characterization for QoS Prediction in the Cloud. , 2011, , .		61
115	Costing hospital resources for stroke patients using phase-type models. Health Care Management Science, 2011, 14, 279-291.	2.6	15
116	Video Reminders as Cognitive Prosthetics for People with Dementia. Ageing International, 2011, 36, 267-282.	1.3	38
117	Power control of control frames in IEEE 802.11 networks. AEU - International Journal of Electronics and Communications, 2011, 65, 165-172.	2.9	3
118	Characterization, monitoring and evaluation of operational performance trends on server processor hardware. , 2011, , .		1
119	A modeling framework that combines markov models and discrete-event simulation for stroke patient care. ACM Transactions on Modeling and Computer Simulation, 2011, 21, 1-26.	0.8	40
120	Machine learning and statistical approaches to assessing gait patterns of younger and older healthy adults climbing stairs. , 2011, , .		7
121	Assessing task compliance following mobile phone-based video reminders. , 2011, 2011, 5295-8.		8
122	Evaluation of Video Reminding Technology for Persons with Dementia. Lecture Notes in Computer Science, 2011, , 153-160.	1.3	11
123	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.	0.3	10
124	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.	0.3	7
125	Phase-Type Survival Trees and Mixed Distribution Survival Trees for Clustering Patients' Hospital Length of Stay. Informatica, 2011, 22, 57-72.	2.7	30
126	Fusion of Elevation Data into Satellite Image Classification Using Refined Production Rules. Lecture Notes in Computer Science, 2011, , 211-220.	1.3	1



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127	Using duration to learn activities of daily living in a smart home environment. , 2010, , .		21
128	An intervention mechanism for assistive living in smart homes. Journal of Ambient Intelligence and Smart Environments, 2010, 2, 233-252.	1.4	9
129	A non-homogeneous discrete time Markov model for admission scheduling and resource planning in a cost or capacity constrained healthcare system. Health Care Management Science, 2010, 13, 155-169.	2.6	59
130	A stability approach to convergence of curve evolution methods. Pattern Recognition Letters, 2010, 31, 1909-1918.	4.2	0
131	Assessing accelerometer based gait features to support gait analysis for people with complex regional pain syndrome. , 2010, , .		15
132	Machine learning based Call Admission Control approaches: A comparative study. , 2010, , .		12
133	Forecasting hospital bed requirements and cost of care using phase type survival trees. , 2010, , .		9
134	Measuring Similarity for Multidimensional Sequences. , 2010, , .		0
135	Weighting common syntactic structures for natural language based information retrieval. , 2010, , .		2
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	An extended phase type survival tree for patient pathway prognostication. , 2010, , .		7
139	A Mobile Multimedia Technology to Aid Those with Alzheimer's Disease. IEEE MultiMedia, 2010, 17, 42-51.	1.7	39
140	Modelling costs of bed occupancy and delayed discharge of post-stroke patients. , 2010, , .		10
141	Maintaining connectivity in UAV swarm sensing. , 2010, , .		30
142	Measuring Tree Similarity for Natural Language Processing Based Information Retrieval. Lecture Notes in Computer Science, 2010, , 13-23.	1.3	7
143	Incorporating Duration Information in Activity Recognition. Lecture Notes in Computer Science, 2010, , 245-255.	1.3	4
144	Learning-Based Call Admission Control Framework for QoS Management in Heterogeneous Networks. Communications in Computer and Information Science, 2010, , 99-111.	0.5	2

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145	Knowledge Discovery Using Bayesian Network Framework for Intelligent Telecommunication Network Management. Lecture Notes in Computer Science, 2010, , 518-529.	1.3	6
146	Localized edge ranking for fast graph clustering. , 2009, , .		0
147	Non-homogeneous Markov models for sequential pattern mining of healthcare data. IMA Journal of Management Mathematics, 2009, 20, 327-344.	1.6	21
148	Some challenges facing Lean Thinking in healthcare. International Journal for Quality in Health Care, 2009, 21, 309-310.	1.8	52
149	Evidential fusion of sensor data for activity recognition in smart homes. Pervasive and Mobile Computing, 2009, 5, 236-252.	3.3	189
150	All common embedded subtrees for clustering XML documents by structure. , 2009, , .		1
151	Clustering patient length of stay using mixtures of Gaussian models and phase type distributions. , 2009, , .		17
152	Neighborhood counting for financial time series forecasting. , 2009, , .		2
153	Feature selection and construction for the discrimination of neurodegenerative diseases based on gait analysis. , 2009, , .		39
154	Uncertain Information Management for ADL Monitoring in Smart Homes. Studies in Computational Intelligence, 2009, , 315-332.	0.9	6
155	Machine Learning and Statistical Approaches to Support the Discrimination of Neuro-degenerative Diseases Based on Gait Analysis. Studies in Computational Intelligence, 2009, , 57-70.	0.9	36
156	MCMC-Based Algorithm to Adjust Scale Bias in Large Series of Electron Microscopical Ultrathin Sections. Lecture Notes in Computer Science, 2009, , 557-564.	1.3	0
157	Using Markov Systems to Plan Stroke Services. Studies in Computational Intelligence, 2009, , 241-256.	0.9	3
158	Integrating semantically heterogeneous aggregate views of distributed databases. Distributed and Parallel Databases, 2008, 24, 73-94.	1.6	7
159	Decision Support for Alzheimer's Patients in Smart Homes. , 2008, , .		18
160	Pruning dependency trees in a syntactic information retrieval model. , 2008, , .		0
161	Optimal Control of Patient Admissions to Satisfy Resource Restrictions. , 2008, , .		5
162	All Common Embedded Subtrees for Measuring Tree Similarity. , 2008, , .		4

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163	Discovery of Value Streams for Lean Healthcare. , 2008, , .		1
164	Learning under uncertainty in smart home environments. , 2008, 2008, 2083-6.		4
165	Contour Detection of Labelled Cellular Structures from Serial Ultrathin Electron Microscopy Sections using GAC and Prior Analysis. , 2008, , .		3
166	Using Markov Models for Decision Support in Management of High Occupancy Hospital Care. Studies in Computational Intelligence, 2008, , 187-199.	0.9	1
167	Assessment of the Impact of Sensor Failure in the Recognition of Activities of Daily Living. Lecture Notes in Computer Science, 2008, , 136-144.	1.3	5
168	Discussion on Hedging Predictions in Machine Learning by A. Gammerman and V. Vovk. Computer Journal, 2007, 50, 164-172.	2.4	1
169	Several methods of ranking retrieval systems with partial relevance judgment. , 2007, , .		2
170	Where to treat the older patient? Can Markov models help us better understand the relationship between hospital and community care?. Journal of the Operational Research Society, 2007, 58, 255-261.	3.4	37
171	Knowledge-based semi-supervised satellite image classification. , 2007, , .		4
172	Using a multi-state model to enhance understanding of geriatric patient care. Australian Health Review, 2007, 31, 91.	1.1	13
173	Regression Relevance Models for Data Fusion. , 2007, , .		4
174	Syntactic Information Retrieval. , 2007, , .		1
175	Incorporating Feature Based Priors into the Geodesic Active Contour Model and its Application in Biomedical Imagery. , 2007, , .		1
176	Applying statistical principles to data fusion in information retrieval. , 2007, , .		1
177	Using Markov Models to Find Interesting Patient Pathways. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	7
178	Incorporating Knowledge into Unsupervised Model-Based Clustering for Satellite Images. , 2007, , .		0
179	Duration discretisation for activity recognition. Technology and Health Care, 2007, 20, 277-295.	1.2	5
180	Estimating the costs for a group of geriatric patients using the Coxian phase-type distribution. Statistics in Medicine, 2007, 26, 2716-2729.	1.6	25

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181	Result merging methods in distributed information retrieval with overlapping databases. Information Retrieval, 2007, 10, 297-319.	2.0	14
182	Using Dempsterâ€™Shafer to incorporate knowledge into satellite image classification. Artificial Intelligence Review, 2007, 25, 161-178.	15.7	9
183	Knowledge Discovery from Semantically Heterogeneous Aggregate Databases Using Model-Based Clustering. Lecture Notes in Computer Science, 2007, , 190-202.	1.3	1
184	Model-Based Segmentation of Multimodal Images. Lecture Notes in Computer Science, 2007, , 604-611.	1.3	4
185	Regression Relevance Models for Data Fusion. Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on, 2007, , .	0.0	1
186	Syntactic Information Retrieval. , 2007, , .		1
187	Non-homogeneous Markov Models for Performance Monitoring of Healthcare. , 2007, , .		2
188	Using Markov Models to Manage High Occupancy Hospital Care. , 2006, , .		1
189	Combining rough decisions for intelligent text mining using Dempsterâ€™s rule. Artificial Intelligence Review, 2006, 26, 191-209.	15.7	85
190	Performance prediction of data fusion for information retrieval. Information Processing and Management, 2006, 42, 899-915.	8.6	71
191	Combining Wavelet Analysis and Bayesian Networks for the Classification of Auditory Brainstem Response. IEEE Transactions on Information Technology in Biomedicine, 2006, 10, 458-467.	3.2	37
192	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
193	Interoperability and Integration of Independent Heterogeneous Distributed Databases over the Internet. Lecture Notes in Computer Science, 2006, , 250-253.	1.3	1
194	An Evidential Approach to Integrating Semantically Heterogeneous Distributed Databases. Lecture Notes in Computer Science, 2006, , 245-249.	1.3	0
195	Evidential Integration of Semantically Heterogeneous Aggregates in Distributed Databases with Imprecision. Lecture Notes in Computer Science, 2006, , 961-969.	1.3	0
196	Knowledge discovery by probabilistic clustering of distributed databases. Data and Knowledge Engineering, 2005, 54, 189-210.	3.4	17
197	Using simulated annealing for 3D reconstruction of orthopedic fracture. Medical Physics, 2004, 31, 2184-2191.	3.0	2
198	Feature Extraction and Classification of the Auditory Brainstem Response Using Wavelet Analysis. Lecture Notes in Computer Science, 2004, , 169-180.	1.3	5

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199	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.	2.6	21
200	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.	2.6	71
201	Discrete Time Reward Models for Homogeneous Semi-Markov Systems. <i>Communications in Statistics - Theory and Methods</i> , 2004, 33, 623-638.	1.0	15
202	Using Domain Knowledge to Learn from Heterogeneous Distributed Databases. <i>Lecture Notes in Computer Science</i> , 2004, , 171-177.	1.3	1
203	Combining Rules for Text Categorization Using Dempster's Rule of Combination. <i>Lecture Notes in Computer Science</i> , 2004, , 457-463.	1.3	4
204	Conceptual Clustering of Heterogeneous Gene Expression Sequences. <i>Artificial Intelligence Review</i> , 2003, 20, 53-73.	15.7	10
205	The Perpetual Student: Modeling Duration of Undergraduate Studies Based on Lifetime-Type Educational Data. <i>Lifetime Data Analysis</i> , 2003, 9, 311-330.	0.9	20
206	Learning temporal concepts from heterogeneous data sequences. <i>Soft Computing</i> , 2003, 8, 109-117.	3.6	2
207	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.	6.5	49
208	Database aggregation of imprecise and uncertain evidence. <i>Information Sciences</i> , 2003, 155, 245-263.	6.9	29
209	A rough set model with ontologies for discovering maximal association rules in document collections. <i>Knowledge-Based Systems</i> , 2003, 16, 243-251.	7.1	39
210	A scalable approach to integrating heterogeneous aggregate views of distributed databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2003, 15, 232-236.	5.7	16
211	AGENTS FOR QUERYING DISTRIBUTED STATISTICAL DATABASES OVER THE INTERNET. <i>International Journal on Artificial Intelligence Tools</i> , 2002, 11, 63-94.	1.0	8
212	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.	2.6	88
213	Modelling patient duration of stay to facilitate resource management of geriatric hospitals. <i>Health Care Management Science</i> , 2002, 5, 313-319.	2.6	40
214	Temporal Probabilistic Concepts from Heterogeneous Data Sequences. <i>Lecture Notes in Computer Science</i> , 2002, , 191-205.	1.3	0
215	Conceptual Clustering of Heterogeneous Sequences via Schema Mapping. <i>Lecture Notes in Computer Science</i> , 2002, , 85-93.	1.3	0
216	A data mining approach to the prediction of corporate failure. <i>Knowledge-Based Systems</i> , 2001, 14, 189-195.	7.1	105

#	ARTICLE	IF	CITATIONS
217	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.	2.6	14
218	Aggregation of imprecise and uncertain information in databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2001, 13, 902-912.	5.7	66
219	Incorporating domain knowledge into attribute-oriented data mining. <i>International Journal of Intelligent Systems</i> , 2000, 15, 535-547.	5.7	13
220	Knowledge discovery in distributed databases using evidence theory. <i>International Journal of Intelligent Systems</i> , 2000, 15, 745-761.	5.7	18
221	Using background knowledge in the aggregation of imprecise evidence in databases. <i>Data and Knowledge Engineering</i> , 2000, 32, 131-143.	3.4	5
222	Rule discovery for event histories. <i>Intelligent Data Analysis</i> , 2000, 4, 349-362.	0.9	1
223	Learning Dynamic Bayesian Belief Networks Using Conditional Phase-Type Distributions. , 2000, , 516-523.		7
224	Efficient knowledge discovery through the integration of heterogeneous data. <i>Information and Software Technology</i> , 1999, 41, 569-578.	4.4	19
225	Optimal and efficient integration of heterogeneous summary tables in a distributed database. <i>Data and Knowledge Engineering</i> , 1999, 29, 337-350.	3.4	21
226	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.	1.5	99
227	A three compartment model of the patient flows in a geriatric department: a decision support approach. <i>Health Care Management Science</i> , 1998, 1, 159-163.	2.6	33
228	Measuring and modelling patients flows through rehabilitation and continuing care. <i>Reviews in Clinical Gerontology</i> , 1998, 8, 345-352.	0.5	3
229	Non-homogeneous continuous-time Markov and semi-Markov manpower models. <i>Applied Stochastic Models and Data Analysis</i> , 1997, 13, 191-198.	0.4	28
230	Continuous-time Markov models for geriatric patient behaviour. <i>Applied Stochastic Models and Data Analysis</i> , 1997, 13, 315-323.	0.4	25
231	Using evidence theory for the integration of distributed databases. <i>International Journal of Intelligent Systems</i> , 1997, 12, 763-776.	5.7	46
232	Non-homogeneous continuous-time Markov and semi-Markov manpower models. <i>Applied Stochastic Models and Data Analysis</i> , 1997, 13, 191-198.	0.4	1
233	Continuous-time Markov models for geriatric patient behaviour. <i>Applied Stochastic Models and Data Analysis</i> , 1997, 13, 315-323.	0.4	3
234	Do Type As Eat Differently? A Comparison of Men and Women. <i>Appetite</i> , 1996, 26, 277-286.	3.7	9

#	ARTICLE	IF	CITATIONS
235	Attitudinal dimensions of food choice and nutrient intake. <i>British Journal of Nutrition</i> , 1995, 74, 649-659.	2.3	45
236	A nonparametric maximum likelihood estimator for incomplete renewal data. <i>Biometrika</i> , 1995, 82, 791-803.	2.4	13
237	A decision support system for bed-occupancy management and planning hospitals. <i>Mathematical Medicine and Biology</i> , 1995, 12, 249-257.	1.2	26
238	A Nonparametric Maximum Likelihood Estimator for Incomplete Renewal Data. <i>Biometrika</i> , 1995, 82, 791.	2.4	12
239	Stochastic models for geriatric in-patient behaviour. <i>Mathematical Medicine and Biology</i> , 1994, 11, 207-216.	1.2	41
240	Go with the flow. <i>OR Insight</i> , 1994, 7, 2-5.	0.1	10
241	Nurse manpower demand: a review of United Kingdom methodologies. <i>Journal of Advanced Nursing</i> , 1993, 18, 1833-1839.	3.3	3
242	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
243	Semi-Markov models for human-resource modelling. <i>IMA Journal of Management Mathematics</i> , 1992, 4, 307-315.	1.6	1
244	Using a manpower database to analyse the nurse limbo stock. <i>Journal of Advanced Nursing</i> , 1992, 17, 992-1001.	3.3	2
245	Manpower planning models and their estimation. <i>European Journal of Operational Research</i> , 1991, 51, 179-187.	5.7	40
246	Using a manpower database to model nurse turnaround and return to service. <i>Journal of Advanced Nursing</i> , 1991, 16, 1382-1386.	3.3	6
247	A non-parametric competing risks model for manpower planning. <i>Applied Stochastic Models and Data Analysis</i> , 1991, 7, 327-341.	0.4	17
248	Extending the Entropy Stability Measure for Manpower Planning. <i>Journal of the Operational Research Society</i> , 1986, 37, 1133.	3.4	2
249	A semi-Markov model for a multigrade population with Poisson recruitment. <i>Journal of Applied Probability</i> , 1980, 17, 846-852.	0.7	50
250	Entropy as a Measure of Stability in a Manpower System. <i>Journal of the Operational Research Society</i> , 1978, 29, 885-889.	3.4	18
251	O.R. Education for Developing Countries: Reply. <i>Journal of the Operational Research Society</i> , 1978, 29, 1030-1031.	3.4	0
252	Continuous-time stochastic models of a multigrade population. <i>Journal of Applied Probability</i> , 1978, 15, 26-37.	0.7	30

#	ARTICLE	IF	CITATIONS
253	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.	3.4	8
254	A continuous-time population model with poisson recruitment. <i>Journal of Applied Probability</i> , 1976, 13, 348-354.	0.7	29