

# Luis Enrique Sucar

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

145  
papers

1,379  
citations

19  
h-index

32  
g-index

158  
ext. papers

1,678  
ext. citations

2.3  
avg, IF

4.75  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 145 | Knowledge transfer for causal discovery. <i>International Journal of Approximate Reasoning</i> , <b>2022</b> , 143, 1-25.6                               |     |           |
| 144 | Inter-task Similarity Measure for Heterogeneous Tasks. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 40-52                                    | 0.9 | 0         |
| 143 | Causal Based Action Selection Policy for Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 213-227                        | 0.9 |           |
| 142 | Bayesian Classifiers. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 43-69   | 1.1 |           |
| 141 | Markov Decision Processes. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 229-248  | 1.1 |           |
| 140 | Decision Graphs. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 205-228  | 1.1 |           |
| 139 | Graphical Causal Models. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 287-305  | 1.1 |           |
| 138 | Markov Random Fields. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 93-110  | 1.1 |           |
| 137 | Partially Observable Markov Decision Processes. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 249-266                       | 1.1 |           |
| 136 | Deep Learning and Graphical Models. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 327-346.1                                 | 1.1 |           |
| 135 | Bayesian Networks: Learning. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 153-179  | 1.1 |           |
| 134 | Dynamic and Temporal Bayesian Networks. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 181-202                               | 1.1 | 0         |
| 133 | Hidden Markov Models. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 71-91   | 1.1 |           |
| 132 | Causal Discovery. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 307-325   | 1.1 |           |
| 131 | Relational Probabilistic Graphical Models. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 269-286                            | 1.1 |           |
| 130 | Bayesian Networks: Representation and Inference. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2021</b> , 111-151                      | 1.1 |           |
| 129 | Knowledge-Based Hierarchical POMDPs for Task Planning. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2021</b> , 101, 1 | 2.9 | 3         |

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|-----|--|------|----|
| 128 | Unobtrusive Stress Assessment Using Smartphones. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 2313-2325  | 4.6  | 2  |
| 127 | Multi-label and Multimodal Classifier for Affective States Recognition in Virtual Rehabilitation. <i>IEEE Transactions on Affective Computing</i> , <b>2021</b> , 1-1  | 5.7  | 1  |
| 126 | Artificial datasets for hierarchical classification. <i>Expert Systems With Applications</i> , <b>2021</b> , 182, 115218   | 7.8  | 1  |
| 125 | Planning Under Uncertainty Applications in Power Plants Using Factored Markov Decision Processes. <i>Energies</i> , <b>2020</b> , 13, 2302   | 3.1  | 3  |
| 124 | Supervised learning of the next-best-view for 3d object reconstruction. <i>Pattern Recognition Letters</i> , <b>2020</b> , 133, 224-231  | 4.7  | 16 |
| 123 | A competitive and profitable multi-agent autonomous broker for energy markets. <i>Sustainable Cities and Society</i> , <b>2019</b> , 49, 101590  | 10.1 | 2  |
| 122 | A Fast and Robust Deep Learning Approach for Hand Object Grasping Confirmation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 601-612   | 0.9  |    |
| 121 | A Knowledge and Probabilistic Based Task Planning Architecture for Service Robotics. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 646-657  | 0.9  | 1  |
| 120 | Optimal motion planning and stopping test for 3-D object reconstruction. <i>Intelligent Service Robotics</i> , <b>2019</b> , 12, 103-123   | 2.6  | 2  |
| 119 | A local multiscale probabilistic graphical model for data validation and reconstruction, and its application in industry. <i>Engineering Applications of Artificial Intelligence</i> , <b>2018</b> , 70, 1-15              | 7.2  | 2  |
| 118 | On Fisher vector encoding of binary features for video face recognition. <i>Journal of Visual Communication and Image Representation</i> , <b>2018</b> , 51, 155-161   | 2.7  | 16 |
| 117 | Tree-based search of the next best view/state for three-dimensional object reconstruction. <i>International Journal of Advanced Robotic Systems</i> , <b>2018</b> , 15, 172988141875457                                    | 1.4  | 7  |
| 116 | Inferring Missing Climate Data for Agricultural Planning Using Bayesian Networks. <i>Land</i> , <b>2018</b> , 7, 4   | 3.5  | 6  |
| 115 | A Distributed Probabilistic Model for Fault Diagnosis. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 42-53  | 0.9  |    |
| 114 | View/state planning for three-dimensional object reconstruction under uncertainty. <i>Autonomous Robots</i> , <b>2017</b> , 41, 89-109   | 3    | 26 |
| 113 | Foveation: an alternative method to simultaneously preserve privacy and information in face images. <i>Journal of Electronic Imaging</i> , <b>2017</b> , 26, 023015  | 0.7  | 3  |
| 112 | Sensor Abstracted Extremity Representation for Automatic Fugl-Meyer Assessment. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 152-163 | 0.2  | 3  |
| 111 | An exploration strategy for non-stationary opponents. <i>Autonomous Agents and Multi-Agent Systems</i> , <b>2017</b> , 31, 971-1002  | 2    | 4  |

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|-----|---|------|----|
| 110 | Differential evolution strategies for large-scale energy resource management in smart grids <b>2017</b> ,   |      | 17 |
| 109 | Efficiently detecting switches against non-stationary opponents. <i>Autonomous Agents and Multi-Agent Systems</i> , <b>2017</b> , 31, 767-789   | 2    | 14 |
| 108 | Automation of motor dexterity assessment. <i>IEEE International Conference on Rehabilitation Robotics</i> , <b>2017</b> , 2017, 521-526   | 1.3  |    |
| 107 | Towards a Generic Ontology for Video Surveillance. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 3-7                                 | 0.2  | 5  |
| 106 | Using Intermediate Models and Knowledge Learning to Improve Stress Prediction. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 140-151 | 0.2  | 4  |
| 105 | Assessing Nitrogen Nutrition in Corn Crops with Airborne Multispectral Sensors. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 259-267  | 0.9  | 1  |
| 104 | A Pathline-Based Background Subtraction Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 179-188   | 0.9  | 1  |
| 103 | A Two-Directional Two-Dimensional PCA Correlation Filter in the Phase only Spectrum for Face Recognition in Video. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 73-87   | 0.9  |    |
| 102 | Stress modelling and prediction in presence of scarce data. <i>Journal of Biomedical Informatics</i> , <b>2016</b> , 63, 344-356  | 10.2 | 31 |
| 101 | Response to "Letter to the editor: Robot training for hand motor recovery in subacute stroke patients: A randomized controlled trial". <i>Journal of Hand Therapy</i> , <b>2016</b> , 29, e13-e14                         | 1.6  | 2  |
| 100 | A naïve Bayes baseline for early gesture recognition. <i>Pattern Recognition Letters</i> , <b>2016</b> , 73, 91-99  | 4.7  | 21 |
| 99  | Robot training for hand motor recovery in subacute stroke patients: A randomized controlled trial. <i>Journal of Hand Therapy</i> , <b>2016</b> , 29, 51-7; quiz 57   | 1.6  | 46 |
| 98  | Hierarchical multilabel classification based on path evaluation. <i>International Journal of Approximate Reasoning</i> , <b>2016</b> , 68, 179-193  | 3.6  | 14 |
| 97  | Adaptation and Customization in Virtual Rehabilitation. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , <b>2016</b> , 141-163   | 0.3  | 2  |
| 96  | Efficient video face recognition by using Fisher Vector encoding of binary features <b>2016</b> ,   |      | 4  |
| 95  | Probabilistic Graphical Models. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2015</b> ,  | 1.1  | 33 |
| 94  | Transfer learning for temporal nodes Bayesian networks. <i>Applied Intelligence</i> , <b>2015</b> , 43, 578-597   | 4.9  | 3  |
| 93  | A design framework for arcade-type games for the upper-limb rehabilitation <b>2015</b> ,  |      | 4  |

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|----|--|-----|----|
| 92 | Towards incorporating affective computing to virtual rehabilitation; surrogating attributed attention from posture for boosting therapy adaptation <b>2015</b> ,                         |     | 1  |
| 91 | Treatment of Disease: The Role of Knowledge Representation for Treatment Selection. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 235-241                                     | 0.9 |    |
| 90 | An Efficient Shape Feature Extraction, Description and Matching Method Using GPU. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 206-221                                       | 0.9 |    |
| 89 | Stress Modelling Using Transfer Learning in Presence of Scarce Data. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 224-236  | 0.9 | 4  |
| 88 | Assessing the Distinctiveness and Representativeness of Visual Vocabularies. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 331-338  | 0.9 | 0  |
| 87 | User Modelling for Patient Tailored Virtual Rehabilitation. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 259-278   |     | 3  |
| 86 | Bayesian Networks: Representation and Inference. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2015</b> , 101-136  | 1.1 |    |
| 85 | Markov Random Fields. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2015</b> , 83-99   | 1.1 |    |
| 84 | Pilot Evaluation of a Collaborative Game for Motor Tele-Rehabilitation and Cognitive Stimulation of the Elderly. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 42-48          | 0.9 |    |
| 83 | Bayesian Classifiers. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2015</b> , 41-62   | 1.1 | 2  |
| 82 | Dynamic and Temporal Bayesian Networks. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2015</b> , 161-177   | 1.1 | 1  |
| 81 | A framework for learning and planning against switching strategies in repeated games. <i>Connection Science</i> , <b>2014</b> , 26, 103-122  | 2.8 | 10 |
| 80 | Multidimensional hierarchical classification. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 7671-7677  | 7.8 | 8  |
| 79 | Multi-label classification with Bayesian network-based chain classifiers. <i>Pattern Recognition Letters</i> , <b>2014</b> , 41, 14-22   | 4.7 | 74 |
| 78 | Gesture therapy: an upper limb virtual reality-based motor rehabilitation platform. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2014</b> , 22, 634-43 | 4.8 | 72 |
| 77 | Volumetric Next-best-view Planning for 3D Object Reconstruction with Positioning Error. <i>International Journal of Advanced Robotic Systems</i> , <b>2014</b> , 11, 159                 | 1.4 | 52 |
| 76 | View planning for 3D object reconstruction with a mobile manipulator robot <b>2014</b> ,   |     | 17 |
| 75 | Using a Priori Information for Fast Learning Against Non-stationary Opponents. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 536-547  | 0.9 | 1  |

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|----|---|-----|----|
| 74 | An Object Recognition Model Based on Visual Grammars and Bayesian Networks. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 349-359  | 0.9 | 3  |
| 73 | Posture Based Detection of Attention in Human Computer Interaction. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 220-229  | 0.9 | 1  |
| 72 | FPGA-based detection of SIFT interest keypoints. <i>Machine Vision and Applications</i> , <b>2013</b> , 24, 371-392   | 2.8 | 18 |
| 71 | Improving image retrieval by using spatial relations. <i>Multimedia Tools and Applications</i> , <b>2013</b> , 62, 479-505  | 2.5 | 12 |
| 70 | Neural reorganization accompanying upper limb motor rehabilitation from stroke with virtual reality-based gesture therapy. <i>Topics in Stroke Rehabilitation</i> , <b>2013</b> , 20, 197-209 | 2.6 | 38 |
| 69 | Discovering human immunodeficiency virus mutational pathways using temporal Bayesian networks. <i>Artificial Intelligence in Medicine</i> , <b>2013</b> , 57, 185-95                          | 7.4 | 7  |
| 68 | Learning temporal nodes Bayesian networks. <i>International Journal of Approximate Reasoning</i> , <b>2013</b> , 54, 956-977  | 3.6 | 9  |
| 67 | Hierarchical Ray Tracing for Fast Volumetric Next-Best-View Planning <b>2013</b> ,  |     | 13 |
| 66 | Simultaneous segmentation and recognition of hand gestures for human-robot interaction <b>2013</b> ,  |     | 4  |
| 65 | Multimodal Markov Random Field for Image Reranking Based on Relevance Feedback <b>2013</b> , 2013, 1-16   |     | 2  |
| 64 | Borrowing a Virtual Rehabilitation Tool for the Physical Activation and Cognitive Stimulation of Elders. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 95-102                      | 0.9 | 6  |
| 63 | Affective Modeling for an Intelligent Educational Environment. <i>Smart Innovation, Systems and Technologies</i> , <b>2013</b> , 3-24   | 0.5 | 4  |
| 62 | Improving Image Segmentation for Boosting Image Annotation with Irregular Pyramids. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 399-406  | 0.9 | 3  |
| 61 | A Bayesian approach for object classification based on clusters of SIFT local features. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 1679-1686                                 | 7.8 | 23 |
| 60 | Multi-class particle swarm model selection for automatic image annotation. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 11011-11021  | 7.8 | 8  |
| 59 | Multimodal indexing based on semantic cohesion for image retrieval. <i>Information Retrieval</i> , <b>2012</b> , 15, 1-32   | 1.8 | 19 |
| 58 | Document ranking refinement using a Markov random field model*. <i>Natural Language Engineering</i> , <b>2012</b> , 18, 155-185   | 1.1 | 2  |
| 57 | Hierarchical Markov Random Fields with Irregular Pyramids for Improving Image Annotation. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 521-530                                    | 0.9 | 2  |

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|----|---|-----|-----|
| 56 | Unsupervised Learning of Visual Object Recognition Models. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 511-520                                   | 0.9 |     |
| 55 | Introduction to Bayesian Networks and Influence Diagrams <b>2012</b> , 9-32   |     | 1   |
| 54 | Task Coordination for Service Robots Based on Multiple Markov Decision Processes <b>2012</b> , 343-360  |     |     |
| 53 | An energy-based model for region-labeling. <i>Computer Vision and Image Understanding</i> , <b>2011</b> , 115, 787-803  | 0.3 | 12  |
| 52 | Learning Temporal Bayesian Networks for Power Plant Diagnosis. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 39-48                                 | 0.9 | 1   |
| 51 | Next-Best-View Planning for 3D Object Reconstruction under Positioning Error. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 429-442                | 0.9 | 6   |
| 50 | Towards a General Vision System Based on Symbol-Relation Grammars and Bayesian Networks. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 291-296     | 0.9 |     |
| 49 | Object Class Recognition Using SIFT and Bayesian Networks. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 56-66                                     | 0.9 | 1   |
| 48 | Automatic Image Annotation Using Multiple Grid Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 278-289                                 | 0.9 | 1   |
| 47 | Object Tracking Based on Covariance Descriptors and On-Line Naive Bayes Nearest Neighbor Classifier <b>2010</b> ,   |     | 3   |
| 46 | The segmented and annotated IAPR TC-12 benchmark. <i>Computer Vision and Image Understanding</i> , <b>2010</b> , 114, 419-428                                 | 4.3 | 139 |
| 45 | Evolutionary Learning of Dynamic Naive Bayesian Classifiers. <i>Journal of Automated Reasoning</i> , <b>2010</b> , 45, 21-37                                  | 1   | 17  |
| 44 | Inductive transfer for learning Bayesian networks. <i>Machine Learning</i> , <b>2010</b> , 79, 227-255  | 4   | 40  |
| 43 | Evaluating an Affective Student Model for Intelligent Learning Environments. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 473-482                 | 0.9 | 1   |
| 42 | An Efficient Strategy for Fast Object Search Considering the Robot's Perceptual Limitations. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 552-561 | 0.9 | 2   |
| 41 | A Visual Grammar for Face Detection. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 493-502   | 0.9 | 3   |
| 40 | <b>2009</b> ,   |     | 1   |
| 39 | View planning for 3D object reconstruction <b>2009</b> ,  |     | 18  |

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|----|---|-----|----|
| 38 | Clinical evaluation of a low-cost alternative for stroke rehabilitation <b>2009</b> ,   |     | 18 |
| 37 | Markovito: A Flexible and General Service Robot. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 401-423   | 0.8 | 3  |
| 36 | Gesture therapy: A clinical evaluation <b>2009</b> ,  |     | 3  |
| 35 | Evaluating a Probabilistic Model for Affective Behavior in an Intelligent Tutoring System <b>2008</b> ,   |     | 4  |
| 34 | <b>2008</b> ,   |     | 19 |
| 33 | Nintendo Wii remote for computer simulated arm and wrist therapy in stroke survivors with upper extremity hemiparesis <b>2008</b> ,   |     | 18 |
| 32 | <b>2008</b> ,   |     | 2  |
| 31 | Qualification of arm gestures using hidden Markov models <b>2008</b> ,  |     | 6  |
| 30 | Late fusion of heterogeneous methods for multimedia image retrieval <b>2008</b> ,   |     | 44 |
| 29 | Transfer Learning for Bayesian Networks. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 93-102  | 0.9 |    |
| 28 | Improving Automatic Image Annotation Based on Word Co-occurrence. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 57-70  | 0.9 | 3  |
| 27 | Gesture Therapy: A Vision-Based System for Arm Rehabilitation after Stroke. <i>Communications in Computer and Information Science</i> , <b>2008</b> , 531-540                 | 0.3 | 6  |
| 26 | COMPARISON OF TWO TYPES OF EVENT BAYESIAN NETWORKS: A CASE STUDY. <i>Applied Artificial Intelligence</i> , <b>2007</b> , 21, 185-209  | 2.3 | 11 |
| 25 | Shared learning experiences in a contest environment within a mobile robotics virtual laboratory. <i>Proceedings - Frontiers in Education Conference, FIE</i> , <b>2007</b> , |     | 1  |
| 24 | PSMS for Neural Networks on the IJCNN 2007 Agnostic vs Prior Knowledge Challenge. <i>Neural Networks (IJCNN), International Joint Conference on</i> , <b>2007</b> ,           |     | 5  |
| 23 | Markov Random Fields and Spatial Information to Improve Automatic Image Annotation <b>2007</b> , 879-892  |     | 10 |
| 22 | Parallel Markov Decision Processes. <i>Studies in Fuzziness and Soft Computing</i> , <b>2007</b> , 295-309  | 0.7 | 6  |
| 21 | A Probabilistic Model for Information and Sensor Validation. <i>Computer Journal</i> , <b>2006</b> , 49, 113-126  | 1.3 | 27 |



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|----|---|-----|-------|
| 20 | Solving Hybrid Markov Decision Processes. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 227-236  | 0.9 | 4     |
| 19 | Temporal Bayesian Network of Events for Diagnosis and Prediction in Dynamic Domains. <i>Applied Intelligence</i> , <b>2005</b> , 23, 77-86                | 4.9 | 22    |
| 18 | Tool-Wear Monitoring Based on Continuous Hidden Markov Models. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 880-890                           | 0.9 | 13    |
| 17 | A Semi-open Learning Environment for Virtual Laboratories. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 1185-1194                             | 0.9 | 10    |
| 16 | Real time intelligent sensor validation. <i>IEEE Transactions on Power Systems</i> , <b>2001</b> , 16, 770-775  | 7   | 46    |
| 15 | Fuzzy intelligent system for the operation of fossil power plants. <i>Engineering Applications of Artificial Intelligence</i> , <b>2000</b> , 13, 431-439 | 7.2 | 2     |
| 14 | SEDRETn intelligent system for the diagnosis and prediction of events in power plants. <i>Expert Systems With Applications</i> , <b>2000</b> , 18, 75-86  | 7.8 | 12    |
| 13 | A Probabilistic Exemplar-Based Model for Case-Based Reasoning. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 40-51                             | 0.9 |       |
| 12 | EDAS (Event-Disturbance Analysis System for Fossil Power Plants Operation. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 706-717               | 0.9 |       |
| 11 | Probabilistic Model-Based Diagnosis. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 687-698   | 0.9 | 2     |
| 10 | Probabilistic temporal reasoning and its application to fossil power plant operation. <i>Expert Systems With Applications</i> , <b>1998</b> , 15, 317-324 | 7.8 | 20    |
| 9  | Interactive structural learning of Bayesian networks. <i>Expert Systems With Applications</i> , <b>1998</b> , 15, 325-332                                 | 7.8 | 8     |
| 8  | Bayesian Networks for Reliability Analysis of Complex Systems. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 195-206                           | 0.9 | 50    |
| 7  | A probabilistic model for case-based reasoning. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 623-632  | 0.9 | 3     |
| 6  | Learning Structure from Data and Its Application to Ozone Prediction. <i>Applied Intelligence</i> , <b>1997</b> , 7, 327-338                              | 4.9 | 17    |
| 5  | Probabilistic reasoning in high-level vision. <i>Image and Vision Computing</i> , <b>1994</b> , 12, 42-60   | 3.7 | 15    |
| 4  | Continuous activity recognition with missing data   |     | 5     |
| 3  | Task Coordination for Service Robots Based on Multiple Markov Decision Processes  |     | 15-32 |

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1 Learning a causal structure: a Bayesian random graph approach. *Neural Computing and Applications*, 1 4.8