# Andre Mayers

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 223 citations | 1307594 7 h-index | 1058476 14 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 197 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Designing a Knowledge Representation Approach for the Generation of Pedagogical Interventions by MTTs. International Journal of Artificial Intelligence in Education, 2015, 25, 118-156. | 5.5 | 8 |
| 2 | A multiparadigm intelligent tutoring system for robotic arm training. IEEE Transactions on Learning Technologies, 2013, 6, 364-377. | 3.2 | 17 |
| 3 | Personal bankruptcy prediction by mining credit card data. Expert Systems With Applications, 2013, 40, 665-676. | 7.6 | 33 |
| 4 | Diagnosing Errors from Off-Path Steps in Model-Tracing Tutors. Lecture Notes in Computer Science, 2013, , 611-614. | 1.3 | 1 |
| 5 | DHCC: Divisive hierarchical clustering of categorical data. Data Mining and Knowledge Discovery, 2012, 24, 103-135. | 3.7 | 57 |
| 6 | Automating Next-Step Hints Generation Using ASTUS. Lecture Notes in Computer Science, 2012, , 201-211. | 1.3 | 11 |
| 7 | Automating the Modeling of Learnersâ€™ Erroneous Behaviors in Model-Tracing Tutors. Lecture Notes in Computer Science, 2012, , 316-321. | 1.3 | 2 |
| 8 | Multi-paradigm Generation of Tutoring Feedback in Robotic Arm Manipulation Training. Lecture Notes in Computer Science, 2012, , 233-242. | 1.3 | 0 |
| 9 | A Cognitive Computational Knowledge Representation Theory. , 2012, , 1819-1838. | | 0 |
| 10 | A simplified leader election process using a new topology for personal area networks using a system of systems approach. , 2011, , . | | 0 |
| 11 | Generating Task-Specific Next-Step Hints Using Domain-Independent Structures. Lecture Notes in Computer Science, 2011, , 525-527. | 1.3 | 3 |
| 12 | A Simple Method of Representing Reusable Strategic Knowledge for MT Tutoring. Lecture Notes in Computer Science, 2011, , 411-413. | 1.3 | 0 |
| 13 | An Hybrid Expert Model to Support Tutoring Services in Robotic Arm Manipulations. Lecture Notes in Computer Science, 2011, , 478-489. | 1.3 | 2 |
| 14 | Authoring Step-Based ITS with ASTUS: An Interactive Event. Lecture Notes in Computer Science, 2011, , 622-622. | 1.3 | 0 |
| 15 | DEEPKOVER â€“ AN ADAPTIVE ARTFUL INTELLIGENT ASSISTANCE SYSTEM FOR COGNITIVELY IMPAIRED PEOPLE. Applied Artificial Intelligence, 2010, 24, 381-413. | 3.2 | 3 |
| 16 | Authoring Problem-Solving Tutors: A Comparison between ASTUS and CTAT. Studies in Computational Intelligence, 2010, , 377-405. | 0.9 | 9 |
| 17 | An Authoring Language as a Key to Usability in a Problem-Solving ITS Framework. Lecture Notes in Computer Science, 2010, , 236-238. | 1.3 | 3 |
| 18 | Integrating Sophisticated Domain-Independent Pedagogical Behaviors in an ITS Framework. Lecture Notes in Computer Science, 2010, , 248-250. | 1.3 | 3 |

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|---|---|---|---|
| 19 | ITS in Ill-Defined Domains: Toward Hybrid Approaches. Lecture Notes in Computer Science, 2010, , 318-320. | 1.3 | 4 |
| 20 | A New MCA-Based Divisive Hierarchical Algorithm for Clustering Categorical Data. , 2009, , . | | 11 |
| 21 | How emotional mechanism helps episodic learning in a cognitive agent. , 2009, , . | | 8 |
| 22 | Evaluating Spatial Representations and Skills in a Simulator-Based Tutoring System. IEEE Transactions on Learning Technologies, 2008, 1, 63-74. | 3.2 | 17 |
| 23 | Expertise Measure for Dynamic Task Selection within Intelligent Educational Systems. , 2008, , . | | 0 |
| 24 | Cognitive Load Estimation for Optimizing Learning within Intelligent Tutoring Systems. Lecture Notes in Computer Science, 2008, , 719-721. | 1.3 | 1 |
| 25 | Assisting elders via dynamic multi-tasks planning: a Markov decision processes based approach. , 2008, , . | | 4 |
| 26 | Automatic Evaluation of Spatial Representations for Complex Robotic Arms Manipulations. , 2007, , . | | 1 |
| 27 | Knowledge Representation of DC Electrical Circuits Analysis for E-Courses â€“ From Basic Concepts to Long-Term Strategies. , 2007, , 55-60. | | 0 |
| 28 | Representing Knowledge for E-Courses via Generic Models -- An Application to the Analysis of DC Electrical Circuits. , 2006, , . | | 0 |
| 29 | Recalling Recollections according to Temporal Contexts Applying a Novel Cognitive Knowledge Representation Approach. , 2006, , . | | 2 |
| 30 | From Black-Box Learning Objects to Glass-Box Learning Objects. Lecture Notes in Computer Science, 2006, , 258-267. | 1.3 | 1 |
| 31 | Indoors Pervasive Computing and Outdoors Mobile Computing for Cognitive Assistance and Telemonitoring. Lecture Notes in Computer Science, 2004, , 953-960. | 1.3 | 2 |
| 32 | MIACE, a human cognitive architecture. ACM SIGCUE Outlook, 2001, 27, 61-77. | 0.1 | 13 |
| 33 | La modÃ©lisation fine du processus rÃ©solution de problÃ¨me dans Miace. Lecture Notes in Computer Science, 1996, , 148-157. | 1.3 | 0 |
| 34 | Une modÃ©lisation de l'architecture cognitive d'un Ã©tudiant pour un systÃ¨me tutoriel intelligent. Lecture Notes in Computer Science, 1992, , 277-285. | 1.3 | 1 |
| 35 | DeepkÃ¸ver. , 0, , 634-661. | | 0 |
| 36 | DeepkÃ¸ver An Adaptive Intelligent Assistance System for Monitoring Impaired People in Smart Homes. , 0, , 273-300. | | 0 |

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|---|---|---|---|
| 37 | A Cognitive Computational Knowledge Representation Theory. , 0, , 247-264. | | 0 |