Andre Mayers

List of Publications by Year
in descending order

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	DHCC: Divisive hierarchical clustering of categorical data. Data Mining and Knowledge Discovery, 2012, 24, 103-135.	3.7	57
2	Personal bankruptcy prediction by mining credit card data. Expert Systems With Applications, 2013, 40, 665-676.	7.6	33
3	Evaluating Spatial Representations and Skills in a Simulator-Based Tutoring System. IEEE Transactions on Learning Technologies, 2008, 1, 63-74.	3.2	17
4	A multiparadigm intelligent tutoring system for robotic arm training. IEEE Transactions on Learning Technologies, 2013, 6, 364-377.	3.2	17
5	MIACE, a human cognitive architecture. ACM SIGCUE Outlook, 2001, 27, 61-77.	0.1	13
6	A New MCA-Based Divisive Hierarchical Algorithm for Clustering Categorical Data. , 2009, , .		11
7	Automating Next-Step Hints Generation Using ASTUS. Lecture Notes in Computer Science, 2012, , 201-211.	1.3	11
8	Authoring Problem-Solving Tutors: A Comparison between ASTUS and CTAT. Studies in Computational Intelligence, 2010, , 377-405.	0.9	9
9	How emotional mechanism helps episodic learning in a cognitive agent. , 2009, , .		8
10	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
11	Assisting elders via dynamic multi-tasks planning: a Markov decision processes based approach. , 2008, , .		4
12	ITS in Ill-Defined Domains: Toward Hybrid Approaches. Lecture Notes in Computer Science, 2010, , 318-320.	1.3	4
13	DEEPKOVER â€" AN ADAPTIVE ARTFUL INTELLIGENT ASSISTANCE SYSTEM FOR COGNITIVELY IMPAIRED PEOPLE. Applied Artificial Intelligence, 2010, 24, 381-413.	3.2	3
14	Generating Task-Specific Next-Step Hints Using Domain-Independent Structures. Lecture Notes in Computer Science, 2011, , 525-527.	1.3	3
15	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
16	Integrating Sophisticated Domain-Independent Pedagogical Behaviors in an ITS Framework. Lecture Notes in Computer Science, 2010, , 248-250.	1.3	3
17	Recalling Recollections according to Temporal Contexts Applying a Novel Cognitive Knowledge Representation Approach. , 2006, , .		2
18	Automating the Modeling of Learnersâ€™ Erroneous Behaviors in Model-Tracing Tutors. Lecture Notes in Computer Science, 2012, , 316-321.	1.3	2

#	Article	IF	Citations
19	Indoors Pervasive Computing and Outdoors Mobile Computing for Cognitive Assistance and Telemonitoring. Lecture Notes in Computer Science, 2004, , 953-960.	1.3	2
20	An Hybrid Expert Model to Support Tutoring Services in Robotic Arm Manipulations. Lecture Notes in Computer Science, 2011, , 478-489.	1.3	2
21	Automatic Evaluation of Spatial Representations for Complex Robotic Arms Manipulations. , 2007, , .		1
22	Cognitive Load Estimation for Optimizing Learning within Intelligent Tutoring Systems. Lecture Notes in Computer Science, 2008, , 719-721.	1.3	1
23	Diagnosing Errors from Off-Path Steps in Model-Tracing Tutors. Lecture Notes in Computer Science, 2013, , 611-614.	1.3	1
24	From Black-Box Learning Objects to Glass-Box Learning Objects. Lecture Notes in Computer Science, 2006, , 258-267.	1.3	1
25	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
26	Representing Knowledge for E-Courses via Generic Models -- An Application to the Analysis of DC Electrical Circuits. , 2006, , .		0
27	Expertise Measure for Dynamic Task Selection within Intelligent Educational Systems. , 2008, , .		0
28	A simplified leader election process using a new topology for personal area networks using a system of systems approach. , 2011, , .		0
29	A Simple Method of Representing Reusable Strategic Knowledge for MT Tutoring. Lecture Notes in Computer Science, 2011, , 411-413.	1.3	0
30	Authoring Step-Based ITS with ASTUS: An Interactive Event. Lecture Notes in Computer Science, 2011, , 622-622.	1.3	0
31	Multi-paradigm Generation of Tutoring Feedback in Robotic Arm Manipulation Training. Lecture Notes in Computer Science, 2012, , 233-242.	1.3	0
32	A Cognitive Computational Knowledge Representation Theory. , 2012, , 1819-1838.		0
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	DeepKÃ¸ver. , 0, , 634-661.		0
35	DeepkÃ¸ver An Adaptive Intelligent Assistance System for Monitoring Impaired People in Smart Homes. , 0, , 273-300.		0
36	Knowledge Representation of DC Electrical Circuits Analysis for E-Courses â€" From Basic Concepts to Long-Term Strategies. , 2007, , 55-60.		0

#	ARTICLE	IF	CITATIONS
37	A Cognitive Computational Knowledge Representation Theory. , 0, , 247-264.		0