Janis Grundspenkis

List of Publications by Year
in descending order

		1307594	1125743
55 papers	**359** citations	**7** h-index	**13** g-index
59 all docs	**59** docs citations	**59** times ranked	**223** citing authors

#	Article	IF	Citations
1	Assessing the Impact of Expert Labelling of Training Data on the Quality of Automatic Classification of Lithological Groups Using Artificial Neural Networks. Applied Computer Science, 2020, 25, 145-152.	0.5	4
2	Suitability Determination of Machine Learning Techniques for the Operational Quality Assessment of Geophysical Survey Results. Applied Computer Science, 2020, 25, 153-162.	0.5	0
3	Development of Ontology Based Competence Management Model for Non-Formal Education Services. Applied Computer Science, 2019, 24, 111-118.	0.5	3
4	Student Learning Style Extraction from On-Campus Learning Context Data. Procedia Computer Science, 2017, 104, 272-278.	2.0	15
5	Personalized Planning of Study Course Structure Using Concept Maps and Their Analysis. Procedia Computer Science, 2017, 104, 152-159.	2.0	5
6	Model for Identification of Politically Exposed Persons. Lecture Notes in Business Information Processing, 2017, , 133-147.	1.0	1
7	Machine Learning Methods for Identifying Composition of Uranium Deposits in Kazakhstan. Applied Computer Science, 2017, 22, 21-27.	0.5	4
8	Analysing the Methods of Dzongkha Word Segmentation. Applied Computer Science, 2017, 21, 61-65.	0.5	1
9	Suitability analysis of graph visualization algorithms for personalized study planning. , 2016, , .		2
10	Initial Steps Towards the Development of Formal Method for Evaluation of Concept Map Complexity from the Systems Viewpoint. Communications in Computer and Information Science, 2016, , 366-380.	0.5	0
11	Intelligent Knowledge Assessment for CAD/CAM Systems. Advanced Materials Research, 2015, 1117, 287-290.	0.3	1
12	Multi-Agent Based Cargo Auction. Applied Computer Science, 2015, 17, 40-45.	0.5	1
13	The use of structural modelling methods for analysis of personalized study planning. , 2014, , .		3
14	Multi-Agent Auction Based Simulation Tool for an Insurance Policy Market. Applied Computer Science, 2014, 15, 5-13.	0.5	4
15	Multi-robot System for Vacuum Cleaning Domain. Lecture Notes in Computer Science, 2014, , 363-366.	1.3	6
16	New Approach of Using Structural Modelling for Personalized Study Planning. International Journal of Advanced Computer Science and Applications, 2014, 4, .	0.7	2
17	Ontology Merging in the Context of a Semantic Web Expert System. Communications in Computer and Information Science, 2013, , 191-201.	0.5	3
18	Graph based framework and its implemented prototype for personalized study planning. , 2013, , .		6

#	Article	IF	Citations
19	Algorithm of Ontology Transformation to Concept Map for Usage in Semantic Web Expert System. Applied Computer Science, 2013, 14, 80-87.	0.5	0
20	The Role of Feedback in Intelligent Tutoring System. Applied Computer Science, 2013, 14, 88-93.	0.5	6
21	Scientific Journal of Applied Computer Systems: Looking Back and Moving Forward. Applied Computer Science, 2013, 14, 6-8.	0.5	0
22	Workflow based approach for designing and executing mobile agents. , 2012, , .		4
23	Evolution of ontology potential for generation of rules. , 2012, , .		2
24	Ontology merging in the context of concept maps. Applied Computer Science, 2012, 13, 29-36.	0.5	4
25	The Conceptual Framework for Integration of Multiagent Based Intelligent Tutoring and Personal Knowledge Management Systems in Educational Settings. Lecture Notes in Business Information Processing, 2012, , 143-157.	1.0	2
26	Representation of study program as a part of graph based framework for tutoring module of intelligent tutoring system. , 2012, , .		6
27	Concept Map Based Intelligent Knowledge Assessment System: Experience of Development and Practical Use. , 2011, , 179-197.		7
28	Algorithm of concept map transformation to ontology for usage in intelligent knowledge assessment system. , 2011, , .		7
29	The concept map-based assessment system: functional capabilities, evolution, and experimental results. International Journal of Continuing Engineering Education and Life-Long Learning, 2011, 21, 308.	0.2	21
30	MASITS Methodology Supported Development of Agent Based Intelligent Tutoring System MIPITS. Communications in Computer and Information Science, 2011, , 119-132.	0.5	3
31	Multi-Agent Based Intelligent Tutoring System Source Code Generation Using MASITS Tool. Scientific Journal of Riga Technical University Computer Sciences, 2010, 41, 27-36.	0.2	1
32	Development of the scoring mechanism for the concept map based intelligent knowledge assessment system. , 2010, , .		4
33	What Is CIM: An Information System Perspective. Lecture Notes in Computer Science, 2010, , 169-176.	1.3	3
34	Prototype for the Knowledge Representation Supporting Inter-institutional Knowledge Flow Analysis. , 2010, , 87-99.		1
35	Intelligent Agents for Business Process Management Systems. , 2010, , 97-131.		1
36	The Concept Map-Based Knowledge Assessment System with Reduction of Task Difficulty. , 2009, , 853-865.		3

#	Article	IF	Citations
37	Usage of Graph Patterns for Knowledge Assessment Based on Concept Maps. Scientific Journal of Riga Technical University Computer Sciences, 2009, 38, 60-71.	0.2	9
38	Evolution of the Concept Map Based Adaptive Knowledge Assessment System: Implementation and Evaluation Results. Scientific Journal of Riga Technical University Computer Sciences, 2009, 38, 13-24.	0.2	8
39	Scoring concept maps. Proceedings of the International Conference on Computer Systems and Technologies and Workshop for PhD Students in Computing, 2009, , .	0.0	8
40	MASITS â€" A Tool for Multi-Agent Based Intelligent Tutoring System Development. Advances in Intelligent and Soft Computing, 2009, , 490-500.	0.2	8
41	PERSPECTIVES ON USAGE OF AGENTS IN PERSONAL KNOWLEDGE MANAGEMENT. , 2009, , .		1
42	Computer-based plagiarism detection methods and tools. , 2007, , .		101
43	Agent based approach for organization and personal knowledge modelling: knowledge management perspective. Journal of Intelligent Manufacturing, 2007, 18, 451-457.	7.3	55
44	Towards Knowledge Management Oriented Information System: Supporting Research Activities at the Technical University. , 2007, , 135-145.		1
45	Using Concept Maps in Adaptive Knowledge Assessment. , 2007, , 469-479.		5
46	INTELLIGENT AGENT AND KNOWLEDGE MANAGEMENT PERSPECTIVES FOR THE DEVELOPMENT OF INTELLIGENT TUTORING SYSTEMS. , 2007, , .		0
47	Agent-Based Framework for Modelling of Organization and Personal Knowledge from Knowledge Management Perspective. , 2006, , 62-70.		1
48	Information society development in Latvia: current state and perspectives. , 2006, , 471-480.		0
49	Conceptual Framework for Integration of Multiagent and Knowledge Management Techniques in Intelligent Tutoring Systems. , 2005, , 207-216.		2
50	Impact of the Intelligent Agent Paradigm on Knowledge Management. , 2005, , 164-206.		2
51	Concept of Intelligent Enterprise Memory for Integration of Two Approaches to Knowledge Management. , 2002, , 121-134.		1
52	Model Transformations for Knowledge Base Integration within the Framework of Structural Modelling. , 2001, , 261-274.		0
53	Using Knowledge Distribution in Requirements Engineering. , 2000, , 149-184.		4
54	Causal domain model driven knowledge acquisition for expert diagnosis system development. Journal of Intelligent Manufacturing, 1998, 9, 547-558.	7.3	4

#	Article	IF	Citations
55	Prototype of multiagent knowledge assessment system for support of process oriented learning. , 0, , .		7