

Janis Grundspenkis

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

359
citations

1307594

7
h-index

1125743

13
g-index

59
all docs

59
docs citations

59
times ranked

223
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Computer-based plagiarism detection methods and tools. , 2007, , . | | 101 |
| 2 | Agent based approach for organization and personal knowledge modelling: knowledge management perspective. Journal of Intelligent Manufacturing, 2007, 18, 451-457. | 7.3 | 55 |
| 3 | 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 |
| 4 | Student Learning Style Extraction from On-Campus Learning Context Data. Procedia Computer Science, 2017, 104, 272-278. | 2.0 | 15 |
| 5 | 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 |
| 6 | 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 |
| 7 | Scoring concept maps. Proceedings of the International Conference on Computer Systems and Technologies and Workshop for PhD Students in Computing, 2009, , . | 0.0 | 8 |
| 8 | MASITS â€œ A Tool for Multi-Agent Based Intelligent Tutoring System Development. Advances in Intelligent and Soft Computing, 2009, , 490-500. | 0.2 | 8 |
| 9 | Prototype of multiagent knowledge assessment system for support of process oriented learning. , 0, , . | | 7 |
| 10 | Concept Map Based Intelligent Knowledge Assessment System: Experience of Development and Practical Use. , 2011, , 179-197. | | 7 |
| 11 | Algorithm of concept map transformation to ontology for usage in intelligent knowledge assessment system. , 2011, , . | | 7 |
| 12 | Representation of study program as a part of graph based framework for tutoring module of intelligent tutoring system. , 2012, , . | | 6 |
| 13 | Graph based framework and its implemented prototype for personalized study planning. , 2013, , . | | 6 |
| 14 | Multi-robot System for Vacuum Cleaning Domain. Lecture Notes in Computer Science, 2014, , 363-366. | 1.3 | 6 |
| 15 | The Role of Feedback in Intelligent Tutoring System. Applied Computer Science, 2013, 14, 88-93. | 0.5 | 6 |
| 16 | Personalized Planning of Study Course Structure Using Concept Maps and Their Analysis. Procedia Computer Science, 2017, 104, 152-159. | 2.0 | 5 |
| 17 | Using Concept Maps in Adaptive Knowledge Assessment. , 2007, , 469-479. | | 5 |
| 18 | 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 |
|----|---|-----|-----------|
| 19 | Development of the scoring mechanism for the concept map based intelligent knowledge assessment system. , 2010, , . | | 4 |
| 20 | Workflow based approach for designing and executing mobile agents. , 2012, , . | | 4 |
| 21 | Ontology merging in the context of concept maps. Applied Computer Science, 2012, 13, 29-36. | 0.5 | 4 |
| 22 | Multi-Agent Auction Based Simulation Tool for an Insurance Policy Market. Applied Computer Science, 2014, 15, 5-13. | 0.5 | 4 |
| 23 | Using Knowledge Distribution in Requirements Engineering. , 2000, , 149-184. | | 4 |
| 24 | Machine Learning Methods for Identifying Composition of Uranium Deposits in Kazakhstan. Applied Computer Science, 2017, 22, 21-27. | 0.5 | 4 |
| 25 | 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 |
| 26 | The Concept Map-Based Knowledge Assessment System with Reduction of Task Difficulty. , 2009, , 853-865. | | 3 |
| 27 | What Is CIM: An Information System Perspective. Lecture Notes in Computer Science, 2010, , 169-176. | 1.3 | 3 |
| 28 | Ontology Merging in the Context of a Semantic Web Expert System. Communications in Computer and Information Science, 2013, , 191-201. | 0.5 | 3 |
| 29 | The use of structural modelling methods for analysis of personalized study planning. , 2014, , . | | 3 |
| 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 | Development of Ontology Based Competence Management Model for Non-Formal Education Services. Applied Computer Science, 2019, 24, 111-118. | 0.5 | 3 |
| 32 | Conceptual Framework for Integration of Multiagent and Knowledge Management Techniques in Intelligent Tutoring Systems. , 2005, , 207-216. | | 2 |
| 33 | Impact of the Intelligent Agent Paradigm on Knowledge Management. , 2005, , 164-206. | | 2 |
| 34 | Evolution of ontology potential for generation of rules. , 2012, , . | | 2 |
| 35 | 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 |
| 36 | Suitability analysis of graph visualization algorithms for personalized study planning. , 2016, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | New Approach of Using Structural Modelling for Personalized Study Planning. International Journal of Advanced Computer Science and Applications, 2014, 4, . | 0.7 | 2 |
| 38 | Agent-Based Framework for Modelling of Organization and Personal Knowledge from Knowledge Management Perspective. , 2006, , 62-70. | | 1 |
| 39 | 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 |
| 40 | Intelligent Knowledge Assessment for CAD/CAM Systems. Advanced Materials Research, 2015, 1117, 287-290. | 0.3 | 1 |
| 41 | Towards Knowledge Management Oriented Information System: Supporting Research Activities at the Technical University. , 2007, , 135-145. | | 1 |
| 42 | Model for Identification of Politically Exposed Persons. Lecture Notes in Business Information Processing, 2017, , 133-147. | 1.0 | 1 |
| 43 | Concept of Intelligent Enterprise Memory for Integration of Two Approaches to Knowledge Management. , 2002, , 121-134. | | 1 |
| 44 | Multi-Agent Based Cargo Auction. Applied Computer Science, 2015, 17, 40-45. | 0.5 | 1 |
| 45 | PERSPECTIVES ON USAGE OF AGENTS IN PERSONAL KNOWLEDGE MANAGEMENT. , 2009, , . | | 1 |
| 46 | Prototype for the Knowledge Representation Supporting Inter-institutional Knowledge Flow Analysis. , 2010, , 87-99. | | 1 |
| 47 | Intelligent Agents for Business Process Management Systems. , 2010, , 97-131. | | 1 |
| 48 | Analysing the Methods of Dzongkha Word Segmentation. Applied Computer Science, 2017, 21, 61-65. | 0.5 | 1 |
| 49 | Algorithm of Ontology Transformation to Concept Map for Usage in Semantic Web Expert System. Applied Computer Science, 2013, 14, 80-87. | 0.5 | 0 |
| 50 | Model Transformations for Knowledge Base Integration within the Framework of Structural Modelling. , 2001, , 261-274. | | 0 |
| 51 | Information society development in Latvia: current state and perspectives. , 2006, , 471-480. | | 0 |
| 52 | INTELLIGENT AGENT AND KNOWLEDGE MANAGEMENT PERSPECTIVES FOR THE DEVELOPMENT OF INTELLIGENT TUTORING SYSTEMS. , 2007, , . | | 0 |
| 53 | Scientific Journal of Applied Computer Systems: Looking Back and Moving Forward. Applied Computer Science, 2013, 14, 6-8. | 0.5 | 0 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | 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 |