

Ljupco Todorovski

List of Publications by Year in descending order

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47
papers

1,055
citations

471509

17
h-index

434195

31
g-index

47
all docs

47
docs citations

47
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Repetitive interpolation: A robust algorithm for DTM generation from Aerial Laser Scanner Data in forested terrain. <i>Remote Sensing of Environment</i> , 2007, 108, 9-23.	11.0	171
2	Combining Classifiers with Meta Decision Trees. <i>Machine Learning</i> , 2003, 50, 223-249.	5.4	159
3	Inductive process modeling. <i>Machine Learning</i> , 2008, 71, 1-32.	5.4	66
4	Discovering dynamics: From inductive logic programming to machine discovery. <i>Journal of Intelligent Information Systems</i> , 1995, 4, 89-108.	3.9	62
5	Integrating knowledge-driven and data-driven approaches to modeling. <i>Ecological Modelling</i> , 2006, 194, 3-13.	2.5	56
6	Comprehensive comparative study of multi-label classification methods. <i>Expert Systems With Applications</i> , 2022, 203, 117215.	7.6	38
7	Parameter estimation with bio-inspired meta-heuristic optimization: modeling the dynamics of endocytosis. <i>BMC Systems Biology</i> , 2011, 5, 159.	3.0	37
8	Constructing a library of domain knowledge for automated modelling of aquatic ecosystems. <i>Ecological Modelling</i> , 2006, 194, 14-36.	2.5	33
9	Equation discovery for systems biology: finding the structure and dynamics of biological networks from time course data. <i>Current Opinion in Biotechnology</i> , 2008, 19, 360-368.	6.6	33
10	Modelling and prediction of phytoplankton growth with equation discovery. <i>Ecological Modelling</i> , 1998, 113, 71-81.	2.5	31
11	Constructing explanatory process models from biological data and knowledge. <i>Artificial Intelligence in Medicine</i> , 2006, 37, 191-201.	6.5	28
12	The Influence of Feature Representation of Text on the Performance of Document Classification. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 743.	2.5	26
13	Predicting long-term population dynamics with bagging and boosting of process-based models. <i>Expert Systems With Applications</i> , 2015, 42, 8484-8496.	7.6	24
14	The influence of parameter fitting methods on model structure selection in automated modeling of aquatic ecosystems. <i>Ecological Modelling</i> , 2012, 245, 136-165.	2.5	22
15	Modeling Dynamic Systems with Efficient Ensembles of Process-Based Models. <i>PLoS ONE</i> , 2016, 11, e0153507.	2.5	20
16	Learning population dynamics models from data and domain knowledge. <i>Ecological Modelling</i> , 2003, 170, 129-140.	2.5	19
17	Application of automated model discovery from data and expert knowledge to a real-world domain: Lake GlumsÅ. <i>Ecological Modelling</i> , 2008, 212, 92-98.	2.5	19
18	Learning stochastic process-based models of dynamical systems from knowledge and data. <i>BMC Systems Biology</i> , 2016, 10, 30.	3.0	19

#	ARTICLE	IF	CITATIONS
19	Using equation discovery to revise an Earth ecosystem model of the carbon net production. <i>Ecological Modelling</i> , 2003, 170, 141-154.	2.5	16
20	A Review of Digital Era Governance Research in the First Two Decades: A Bibliometric Study. <i>Future Internet</i> , 2022, 14, 126.	3.8	16
21	Reconstructing dynamical networks via feature ranking. <i>Chaos</i> , 2019, 29, 093107.	2.5	14
22	Automated modelling of a food web in lake Bled using measured data and a library of domain knowledge. <i>Ecological Modelling</i> , 2006, 194, 37-48.	2.5	13
23	Modelling the outcrossing between genetically modified and conventional maize with equation discovery. <i>Ecological Modelling</i> , 2009, 220, 1063-1072.	2.5	11
24	The effects of measurement error in case of scientific network analysis. <i>Scientometrics</i> , 2015, 104, 453-473.	3.0	11
25	Equation Discovery for Nonlinear System Identification. <i>IEEE Access</i> , 2020, 8, 29930-29943.	4.2	11
26	Probabilistic grammars for equation discovery. <i>Knowledge-Based Systems</i> , 2021, 224, 107077.	7.1	11
27	Participatory policy process design: lessons learned from three European regions. <i>Journal of Balkan and Near Eastern Studies</i> , 2011, 13, 117-139.	0.9	8
28	Process-based design of dynamical biological systems. <i>Scientific Reports</i> , 2016, 6, 34107.	3.3	8
29	Users' information-seeking behavior on a medical library Website. <i>Journal of the Medical Library Association: JMLA</i> , 2002, 90, 210-7.	1.7	8
30	Automated discovery of a model for dinoflagellate dynamics. <i>Environmental Modelling and Software</i> , 2011, 26, 658-668.	4.5	7
31	Extensive evaluation of the generalized relevance network approach to inferring gene regulatory networks. <i>GigaScience</i> , 2018, 7, .	6.4	7
32	Presentation of dermatological images on the Internet. <i>Computer Methods and Programs in Biomedicine</i> , 2001, 65, 111-121.	4.7	6
33	Domain-specific model selection for structural identification of the Rab5-Rab7 dynamics in endocytosis. <i>BMC Systems Biology</i> , 2015, 9, 31.	3.0	6
34	Learning ensembles of population dynamics models and their application to modelling aquatic ecosystems. <i>Ecological Modelling</i> , 2015, 306, 305-317.	2.5	6
35	Decoupling approximation robustly reconstructs directed dynamical networks. <i>New Journal of Physics</i> , 2018, 20, 113003.	2.9	6
36	Process-Based Modeling and Design of Dynamical Systems. <i>Lecture Notes in Computer Science</i> , 2017, , 378-382.	1.3	5

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37	Automated modelling of urban runoff based on domain knowledge and equation discovery. Journal of Hydrology, 2021, 603, 127077.	5.4	5
38	Meta-Model Framework for Surrogate-Based Parameter Estimation in Dynamical Systems. IEEE Access, 2019, 7, 181829-181841.	4.2	4
39	Combinatorial search for selecting the structure of models of dynamical systems with equation discovery. Engineering Applications of Artificial Intelligence, 2020, 89, 103423.	8.1	4
40	Explaining the performance of multilabel classification methods with data set properties. International Journal of Intelligent Systems, 2022, 37, 6080-6122.	5.7	4
41	Design and Simulation of Stormwater Control Measures Using Automated Modeling. Water (Switzerland), 2021, 13, 2268.	2.7	2
42	Extractive Text Summarization Based on Selectivity Ranking. , 2021, , .		1
43	Learning Ensembles of Process-Based Models by Bagging of Random Library Samples. Lecture Notes in Computer Science, 2016, , 245-260.	1.3	1
44	Assessing the Agreement in the Bebras Tasks Categorisation. Lecture Notes in Computer Science, 2020, , 30-41.	1.3	1
45	Application of machine learning methods to palaeoecological data. Ecological Modelling, 2006, 191, 159-169.	2.5	0
46	Towards reusable process-based models of dynamical systems: A case study in the domain of aquatic ecosystems. , 2019, , .		0
47	Inductive Process Modeling of Rab5-Rab7 Conversion in Endocytosis. Lecture Notes in Computer Science, 2013, , 265-280.	1.3	0