

Petr Novotny

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

537
citations

933447

10
h-index

794594

19
g-index

41
all docs

41
docs citations

41
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Leaf recognition of woody species in Central Europe. <i>Biosystems Engineering</i> , 2013, 115, 444-452.	4.3	91
2	Cascading Impact Assessment in a Critical Infrastructure System. <i>International Journal of Critical Infrastructure Protection</i> , 2018, 22, 125-138.	4.6	61
3	Plant distribution data for the Czech Republic integrated in the Pladias database. <i>Preslia</i> , 2019, 91, 1-24.	2.8	42
4	Stochastic invariants for probabilistic termination. , 2017, , .		36
5	Algorithmic analysis of qualitative and quantitative termination problems for affine probabilistic programs. , 2016, , .		34
6	Lexicographic ranking supermartingales: an efficient approach to termination of probabilistic programs. , 2018, 2, 1-32.		33
7	Efficient Controller Synthesis for Consumption Games with Multiple Resource Types. <i>Lecture Notes in Computer Science</i> , 2012, , 23-38.	1.3	26
8	Algorithmic Analysis of Qualitative and Quantitative Termination Problems for Affine Probabilistic Programs. <i>ACM Transactions on Programming Languages and Systems</i> , 2018, 40, 1-45.	2.1	23
9	Stochastic invariants for probabilistic termination. <i>ACM SIGPLAN Notices</i> , 2017, 52, 145-160.	0.2	21
10	Intergenerational learning among teachers: overt and covert forms of continuing professional development. <i>Professional Development in Education</i> , 2017, 43, 397-415.	2.8	20
11	Algorithmic analysis of qualitative and quantitative termination problems for affine probabilistic programs. <i>ACM SIGPLAN Notices</i> , 2016, 51, 327-342.	0.2	16
12	Work Ability among Upper-Secondary School Teachers: Examining the Role of Burnout, Sense of Coherence, and Work-Related and Lifestyle Factors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9185.	2.6	13
13	Zero-reachability in probabilistic multi-counter automata. , 2014, , .		12
14	Driven To Be a Non-Traditional Student: Measurement of the Academic Motivation Scale with Adult Learners After Their Transition to University. <i>Studia Paedagogica</i> , 2019, 24, 109.	0.6	12
15	Teaching a difficult topic using a problem-based concept resembling a computer game: development and evaluation of an e-learning application for medical molecular genetics. <i>BMC Medical Education</i> , 2019, 19, 390.	2.4	11
16	Optimizing Performance of Continuous-Time Stochastic Systems Using Timeout Synthesis. <i>Lecture Notes in Computer Science</i> , 2015, , 141-159.	1.3	9
17	Optimizing the Expected Mean Payoff in Energy Markov Decision Processes. <i>Lecture Notes in Computer Science</i> , 2016, , 32-49.	1.3	8
18	Efficient Algorithms for Asymptotic Bounds on Termination Time in VASS. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
19	Minimizing Expected Termination Time in One-Counter Markov Decision Processes. Lecture Notes in Computer Science, 2012, , 141-152.	1.3	7
20	Trust within teaching staff and mutual learning among teachers. Studia Paedagogica, 2017, 22, 67-95.	0.6	6
21	Qualitative Controller Synthesis for Consumption Markov Decision Processes. Lecture Notes in Computer Science, 2020, , 421-447.	1.3	6
22	On Lexicographic Proof Rules for Probabilistic Termination. Lecture Notes in Computer Science, 2021, , 619-639.	1.3	5
23	Educational Trajectories of Non-Traditional Students: Stories Behind Numbers. Studia Paedagogica, 2021, 25, 93.	0.6	4
24	Determinacy in Stochastic Games with Unbounded Payoff Functions. Lecture Notes in Computer Science, 2013, , 94-105.	1.3	4
25	Long-Run Average Behaviour of Probabilistic Vector Addition Systems. , 2015, , .		3
26	The influence of principals on the hidden curriculum of induction. Educational Management Administration and Leadership, 2019, 47, 606-623.	3.8	3
27	Designating Regional Elements System in a Critical Infrastructure System in the Context of the Czech Republic. Systems, 2020, 8, 13.	2.3	3
28	Minimizing Running Costs in Consumption Systems. Lecture Notes in Computer Science, 2014, , 457-472.	1.3	3
29	Informační mezigenerační učitelské sbory: rozdíly v zapojení generací do učebních interakcí. Orbis Scholae, 2016, 10, 11-33.	0.6	3
30	Deciding Fast Termination for Probabilistic VASS with Nondeterminism. Lecture Notes in Computer Science, 2019, , 462-478.	1.3	3
31	Headteachers' professional careers: a Czech perspective. International Journal of Management in Education, 2013, 7, 360.	0.2	2
32	Reinforcement Learning of Risk-Constrained Policies in Markov Decision Processes. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9794-9801.	4.9	2
33	Support for Organizational Learning in Czech basic Schools. Procedia, Social and Behavioral Sciences, 2013, 93, 302-307.	0.5	1
34	Fuel in Markov Decision Processes (FiMDP): A Practical Approach to Consumption. Lecture Notes in Computer Science, 2021, 13047, 640-656.	1.3	1
35	Pladis platform: Technical description of the database structure. Biodiversity Data Journal, 2022, 10, e80167.	0.8	1
36	O smyslu pedagogického vzorku: rozhovor s Theem Wubbelsem. Studia Paedagogica, 2017, 22, 149.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Bidding Games on Markov Decision Processes. Lecture Notes in Computer Science, 2019, , 1-12.	1.3	0
38	Jãřovec maãel ve vã½uce â€“ vegetativnã-orgãjny. Biologie Chemie Zemãpis, 2019, 28, 2-9.	0.2	0
39	Jãřovec maãel ve vã½uce â€“ reprodukãnã-orgãjny. Biologie Chemie Zemãpis, 2019, 28, 2-14.	0.2	0