

# Petr Novotny

## List of Publications by Year in descending order

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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	Pladius platform: Technical description of the database structure. Biodiversity Data Journal, 2022, 10, e80167.	0.8	1
2	Educational Trajectories of Non-Traditional Students: Stories Behind Numbers. Studia Paedagogica, 2021, 25, 93.	0.6	4
3	On Lexicographic Proof Rules for Probabilistic Termination. Lecture Notes in Computer Science, 2021, , 619-639.	1.3	5
4	Fuel in Markov Decision Processes (FiMDP): A Practical Approach to Consumption. Lecture Notes in Computer Science, 2021, 13047, 640-656.	1.3	1
5	Work Ability among Upper-Secondary School Teachers: Examining the Role of Burnout, Sense of Coherence, and Work-Related and Lifestyle Factors. International Journal of Environmental Research and Public Health, 2020, 17, 9185.	2.6	13
6	Designating Regional Elements System in a Critical Infrastructure System in the Context of the Czech Republic. Systems, 2020, 8, 13.	2.3	3
7	Qualitative Controller Synthesis for Consumption Markov Decision Processes. Lecture Notes in Computer Science, 2020, , 421-447.	1.3	6
8	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
9	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. BMC Medical Education, 2019, 19, 390.	2.4	11
10	The influence of principals on the hidden curriculum of induction. Educational Management Administration and Leadership, 2019, 47, 606-623.	3.8	3
11	Plant distribution data for the Czech Republic integrated in the Pladius database. Preslia, 2019, 91, 1-24.	2.8	42
12	Driven To Be a Non-Traditional Student: Measurement of the Academic Motivation Scale with Adult Learners After Their Transition to University. Studia Paedagogica, 2019, 24, 109.	0.6	12
13	Bidding Games on Markov Decision Processes. Lecture Notes in Computer Science, 2019, , 1-12.	1.3	0
14	Deciding Fast Termination for Probabilistic VASS with Nondeterminism. Lecture Notes in Computer Science, 2019, , 462-478.	1.3	3
15	Jřrovec mařel ve vřl/2uce â€“ vegetativnř-orgřny. Biologie Chemie Zemřpis, 2019, 28, 2-9.	0.2	0
16	Jřrovec mařel ve vřl/2uce â€“ reprodukřnř-orgřny. Biologie Chemie Zemřpis, 2019, 28, 2-14.	0.2	0
17	Lexicographic ranking supermartingales: an efficient approach to termination of probabilistic programs. , 2018, 2, 1-32.		33
18	Cascading Impact Assessment in a Critical Infrastructure System. International Journal of Critical Infrastructure Protection, 2018, 22, 125-138.	4.6	61

#	ARTICLE	IF	CITATIONS
19	Efficient Algorithms for Asymptotic Bounds on Termination Time in VASS. , 2018, , .		7
20	Algorithmic Analysis of Qualitative and Quantitative Termination Problems for Affine Probabilistic Programs. ACM Transactions on Programming Languages and Systems, 2018, 40, 1-45.	2.1	23
21	Intergenerational learning among teachers: overt and covert forms of continuing professional development. Professional Development in Education, 2017, 43, 397-415.	2.8	20
22	Stochastic invariants for probabilistic termination. , 2017, , .		36
23	Stochastic invariants for probabilistic termination. ACM SIGPLAN Notices, 2017, 52, 145-160.	0.2	21
24	Trust within teaching staff and mutual learning among teachers. Studia Paedagogica, 2017, 22, 67-95.	0.6	6
25	O smyslu pedagogickho vzkumu: rozhovor s Theem Wubbelsem. Studia Paedagogica, 2017, 22, 149.	0.6	0
26	Optimizing the Expected Mean Payoff in Energy Markov Decision Processes. Lecture Notes in Computer Science, 2016, , 32-49.	1.3	8
27	Algorithmic analysis of qualitative and quantitative termination problems for affine probabilistic programs. , 2016, , .		34
28	Algorithmic analysis of qualitative and quantitative termination problems for affine probabilistic programs. ACM SIGPLAN Notices, 2016, 51, 327-342.	0.2	16
29	Informlnmezigeneranuenv utelskch sborech: rozdly v zapojengeneracdo uebnch interakc. Orbis Scholae, 2016, 10, 11-33.	0.6	3
30	Long-Run Average Behaviour of Probabilistic Vector Addition Systems. , 2015, , .		3
31	Optimizing Performance of Continuous-Time Stochastic Systems Using Timeout Synthesis. Lecture Notes in Computer Science, 2015, , 141-159.	1.3	9
32	Zero-reachability in probabilistic multi-counter automata. , 2014, , .		12
33	Minimizing Running Costs in Consumption Systems. Lecture Notes in Computer Science, 2014, , 457-472.	1.3	3
34	Support for Organizational Learning in Czech basic Schools. Procedia, Social and Behavioral Sciences, 2013, 93, 302-307.	0.5	1
35	Leaf recognition of woody species in Central Europe. Biosystems Engineering, 2013, 115, 444-452.	4.3	91
36	Headteachers' professional careers: a Czech perspective. International Journal of Management in Education, 2013, 7, 360.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Determinacy in Stochastic Games with Unbounded Payoff Functions. Lecture Notes in Computer Science, 2013, , 94-105.	1.3	4
38	Efficient Controller Synthesis for Consumption Games with Multiple Resource Types. Lecture Notes in Computer Science, 2012, , 23-38.	1.3	26
39	Minimizing Expected Termination Time in One-Counter Markov Decision Processes. Lecture Notes in Computer Science, 2012, , 141-152.	1.3	7