Kotulski Leszek

List of Publications by Year
in descending order

34	317	932766 10	887659 17
papers	citations	h-index	g-index

36	36	36	160
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced street lighting control. Expert Systems With Applications, 2014, 41, 999-1005.	4.4	42
2	Economic Impact of Intelligent Dynamic Control in Urban Outdoor Lighting. Energies, 2016, 9, 314.	1.6	28
3	Towards Highly Energy-Efficient Roadway Lighting. Energies, 2016, 9, 263.	1.6	24
4	Empirical Study of How Traffic Intensity Detector Parameters Influence Dynamic Street Lighting Energy Consumption: A Case Study in Krakow, Poland. Sustainability, 2018, 10, 1221.	1.6	23
5	Application of distributed graph transformations to automated generation of control patterns for intelligent lighting systems. Journal of Computational Science, 2017, 23, 20-30.	1.5	20
6	Comparative Study of Road Lighting Efficiency in the Context of CEN/TR 13201 2004 and 2014 Lighting Standards and Dynamic Control. Energies, 2019, 12, 1524.	1.6	20
7	GRADIS â€“ The multiagent environment supported by graph transformations. Simulation Modelling Practice and Theory, 2010, 18, 1515-1525.	2.2	17
8	Formal Description of Alvis Language with Î±0 System Layer. Fundamenta Informaticae, 2014, 129, 161-176.	0.3	14
9	Distributed Graphs Transformed by Multiagent System. Lecture Notes in Computer Science, 2008, , 1234-1242.	1.0	13
10	Street Lighting Control, Energy Consumption Optimization. Lecture Notes in Computer Science, 2017, , 357-364.	1.0	10
11	Graph-Based Spatial Data Processing and Analysis for More Efficient Road Lighting Design. Sustainability, 2018, 10, 3850.	1.6	9
12	Assurance of System Consistency During Independent Creation of UML Diagrams. , 2007, , .		8
13	Multi-Agent System Supporting Automated Large-Scale Photometric Computations. Entropy, 2016, 18, 76.	1.1	8
14	Parallel Graph Transformations Supported by Replicated Complementary Graphs. Lecture Notes in Computer Science, 2011, , 254-264.	1.0	8
15	Supporting Software Agents by the Graph Transformation Systems. Lecture Notes in Computer Science, 2006, , 887-890.	1.0	7
16	Parallel Graph Transformations with Double Pushout Grammars. Lecture Notes in Computer Science, 2010, , 280-288.	1.0	6
17	Estimation of System Workload Time Characteristic Using UML Timing Diagrams. , 2008, , .		5
18	On Complexity of Coordination of Parallel Graph Transformations in GRADIS Framework. , 2009, , .		5

#	Article	IF	Citations
19	Lighting System Modernization as a Source of Green Energy. Energies, 2021, 14, 2771.	1.6	5
20	Graph-Based Optimization of Energy Efficiency ofÂStreet Lighting. Lecture Notes in Computer Science, 2015, , 515-526.	1.0	5
21	Using UML(VR) for Supporting the Automated Test Data Generation. , 2008, , .		4
22	Conjugated Graph Grammars as a Mean to Assure Consistency of Systems of Conjugated Graphs. , 2008, , .		3
23	Using Graph Transformations in Distributed Adaptive Design System. Lecture Notes in Computer Science, 2009, , 477-486.	1.0	3
24	On the Effective Distribution of Knowledge Represented by Complementary Graphs. Lecture Notes in Computer Science, 2010, , 381-390.	1.0	3
25	Labelled Transition System Generation from Alvis Language. Lecture Notes in Computer Science, 2011, , 180-189.	1.0	3
26	The Influence of Relations among Different Levels of UML Diagrams onto Software Maintenance. , 2007, , .		2
27	On the Modeling Timing Behavior of the System with UML(VR). Lecture Notes in Computer Science, 2008, , 386-395.	1.0	2
28	Estimation of Road Lighting Power Efficiency Using Graph-Controlled Spatial Data Interpretation. Lecture Notes in Computer Science, 2021, , 585-598.	1.0	1
29	Formalizing Software Refactoring in the Distributed Environment by aedNLC Graph Grammar. , 2006, , 349-360.		1
30	Derivation Control Environment as a Tool for an Efficient Distributed Graph Transformations Coordination. , 2008, , .		0
31	Towards Formal, Graph-Based Spatial Data Processing: The Case of Lighting Segments for Pedestrian Crossings. Lecture Notes in Computer Science, 2019, , 431-441.	1.0	0
32	Snapshot Reachability Graphs for Alvis Models. Lecture Notes in Computer Science, 2011, , 190-199.	1.0	0
33	Hypergraph Distributed Adaptive Design Supported by Hypergraph Replication. Lecture Notes in Computer Science, 2012, , 671-678.	1.0	0
34	Graph-Based Optimization of Public Lighting Retrofit. Lecture Notes in Computer Science, 2020, , 239-248.	1.0	0