Kotulski Leszek

List of Publications by Year in Descending Order

34 papers	252 citations	9 h-index	14 g-index
36 ext. papers	277 ext. citations	1.8 avg, IF	3.69 L-index

#	Paper	IF	Citations
34	Lighting System Modernization as a Source of Green Energy. *Energies*, **2021**, 14, 2771	3.1	2
33	Estimation of Road Lighting Power Efficiency Using Graph-Controlled Spatial Data Interpretation. *Lecture Notes in Computer Science*, **2021**, 585-598	0.9	
32	Graph-Based Optimization of Public Lighting Retrofit. *Lecture Notes in Computer Science*, **2020**, 239-248	0.9	
31	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	3.1	17
30	Towards Formal, Graph-Based Spatial Data Processing: The Case of Lighting Segments for Pedestrian Crossings. *Lecture Notes in Computer Science*, **2019**, 431-441	0.9	
29	Graph-Based Spatial Data Processing and Analysis for More Efficient Road Lighting Design. *Sustainability*, **2018**, 10, 3850	3.6	6
28	Empirical Study of How Traffic Intensity Detector Parameters Influence Dynamic Street Lighting Energy Consumption: A Case Study in Krakow, Poland. *Sustainability*, **2018**, 10, 1221	3.6	20
27	Application of distributed graph transformations to automated generation of control patterns for intelligent lighting systems. *Journal of Computational Science*, **2017**, 23, 20-30	3.4	14
26	Street Lighting Control, Energy Consumption Optimization. *Lecture Notes in Computer Science*, **2017**, 357-364	0.9	7
25	Towards Highly Energy-Efficient Roadway Lighting. *Energies*, **2016**, 9, 263	3.1	19
24	Multi-Agent System Supporting Automated Large-Scale Photometric Computations. *Entropy*, **2016**, 18, 76	2.8	7
23	Economic Impact of Intelligent Dynamic Control in Urban Outdoor Lighting. *Energies*, **2016**, 9, 314	3.1	19
22	Graph-Based Optimization of Energy Efficiency of Street Lighting. *Lecture Notes in Computer Science*, **2015**, 515-526	0.9	5
21	Advanced street lighting control. *Expert Systems With Applications*, **2014**, 41, 999-1005	7.8	35
20	Formal Description of Alvis Language with Θ System Layer. *Fundamenta Informaticae*, **2014**, 129, 161-176	1	6
19	Hypergraph Distributed Adaptive Design Supported by Hypergraph Replication. *Lecture Notes in Computer Science*, **2012**, 671-678	0.9	
18	Snapshot Reachability Graphs for Alvis Models. *Lecture Notes in Computer Science*, **2011**, 190-199	0.9	

17	Parallel Graph Transformations Supported by Replicated Complementary Graphs. *Lecture Notes in Computer Science*, **2011**, 254-264	0.9	7
16	Labelled Transition System Generation from Alvis Language. *Lecture Notes in Computer Science*, **2011**, 180-189	0.9	1
15	GRADIS The multiagent environment supported by graph transformations. *Simulation Modelling Practice and Theory*, **2010**, 18, 1515-1525	3.9	17
14	Parallel Graph Transformations with Double Pushout Grammars. *Lecture Notes in Computer Science*, **2010**, 280-288	0.9	6
13	On the Effective Distribution of Knowledge Represented by Complementary Graphs. *Lecture Notes in Computer Science*, **2010**, 381-390	0.9	3
12	On Complexity of Coordination of Parallel Graph Transformations in GRADIS Framework **2009**,		5
11	Using Graph Transformations in Distributed Adaptive Design System. *Lecture Notes in Computer Science*, **2009**, 477-486	0.9	3
10	Estimation of System Workload Time Characteristic Using UML Timing Diagrams **2008**,		5
9	Conjugated Graph Grammars as a Mean to Assure Consistency of Systems of Conjugated Graphs **2008**,		3
8	Using UML(VR) for Supporting the Automated Test Data Generation **2008**,		3
7	On the Modeling Timing Behavior of the System with UML(VR). *Lecture Notes in Computer Science*, **2008**, 386-395	0.9	1
6	Distributed Graphs Transformed by Multiagent System. *Lecture Notes in Computer Science*, **2008**, 1234-1242	0.9	12
5	**2007**,		4
4	Distributed Adaptive Design with Hierarchical Autonomous Graph Transformation Systems. *Lecture Notes in Computer Science*, **2007**, 880-887	0.9	15
3	Formalizing Software Refactoring in the Distributed Environment by aedNLC Graph Grammar **2006**, 349-360		0
2	Supporting Software Agents by the Graph Transformation Systems. *Lecture Notes in Computer Science*, **2006**, 887-890	0.9	6
1	Graph Representation of the Nested Software Structure. *Lecture Notes in Computer Science*, **2005**, 1008-1011	0.9	2