

Igor Wojnicki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

238
citations

8
h-index

14
g-index

37
ext. papers

285
ext. citations

1.7
avg, IF

3.76
L-index

#	Paper	IF	Citations
35	Application of reactive power compensation algorithm for large-scale street lighting. <i>Journal of Computational Science</i> , 2021 , 51, 101338	3.4	5
34	Lighting System Modernization as a Source of Green Energy. <i>Energies</i> , 2021 , 14, 2771	3.1	2
33	The externalities of energy production in the context of development of clean energy generation. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 11506-11530	5.1	22
32	Calculating Reactive Power Compensation for Large-Scale Street Lighting. <i>Lecture Notes in Computer Science</i> , 2020 , 538-550	0.9	3
31	Comparative Study of Road Lighting Efficiency in the Context of CEN/TR 13201 2004 and 2014 Lighting Standards and Dynamic Control. <i>Energies</i> , 2019 , 12, 1524	3.1	17
30	Concentrated Solar Power Plants with Molten Salt Storage: Economic Aspects and Perspectives in the European Union. <i>International Journal of Photoenergy</i> , 2019 , 2019, 1-10	2.1	5
29	Scalability of Dynamic Lighting Control Systems. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 156-163		
28	Improving Control Efficiency of Dynamic Street Lighting by Utilizing the Dual Graph Grammar Concept. <i>Energies</i> , 2018 , 11, 402	3.1	21
27	Control Driven Lighting Design for Large-Scale Installations. <i>Lecture Notes in Computer Science</i> , 2018 , 691-700	0.9	
26	Smart Lighting Control Architecture and Benefits. <i>Lecture Notes in Computer Science</i> , 2018 , 331-340	0.9	
25	Empirical Study of How Traffic Intensity Detector Parameters Influence Dynamic Street Lighting Energy Consumption: A Case Study in Krakow, Poland. <i>Sustainability</i> , 2018 , 10, 1221	3.6	20
24	Roadway Lighting Retrofit: Environmental and Economic Impact of Greenhouse Gases Footprint Reduction. <i>Sustainability</i> , 2018 , 10, 3925	3.6	5
23	Application of distributed graph transformations to automated generation of control patterns for intelligent lighting systems. <i>Journal of Computational Science</i> , 2017 , 23, 20-30	3.4	14
22	Synchronisation methods in graph-based knowledge representation for large-scale design process. <i>International Journal of Design Engineering</i> , 2017 , 7, 17	0.5	1
21	Prediction of Traffic Intensity for Dynamic Street Lighting 2017 ,		5
20	Street Lighting Control, Energy Consumption Optimization. <i>Lecture Notes in Computer Science</i> , 2017 , 357-364	0.9	7
19	Defining Deviation Sub-spaces for the A*W Robust Planning Algorithm. <i>Lecture Notes in Computer Science</i> , 2017 , 392-399	0.9	

18	Two-level agent environment for intelligent lighting control. <i>International Journal of Materials and Product Technology</i> , 2016 , 53, 187	1	2
17	INSIGMA: an intelligent transportation system for urban mobility enhancement. <i>Multimedia Tools and Applications</i> , 2016 , 75, 10529-10560	2.5	18
16	Control Planning for Autonomous Off-Grid Outdoor Lighting Systems Based on Energy Consumption Preferences. <i>Lecture Notes in Computer Science</i> , 2016 , 749-757	0.9	
15	Economic Impact of Intelligent Dynamic Control in Urban Outdoor Lighting. <i>Energies</i> , 2016 , 9, 314	3.1	19
14	A Robust Planning Algorithm for Groups of Entities in Discrete Spaces. <i>Entropy</i> , 2015 , 17, 5422-5436	2.8	4
13	A Robust Heuristic for the Multidimensional A-star/Wavefront Hybrid Planning Algorithm. <i>Lecture Notes in Computer Science</i> , 2015 , 282-291	0.9	2
12	Advanced street lighting control. <i>Expert Systems With Applications</i> , 2014 , 41, 999-1005	7.8	35
11	Contribution of the INSIGMA Project to the Field of Intelligent Transportation Systems. <i>Communications in Computer and Information Science</i> , 2014 , 58-72	0.3	2
10	Intelligent Design and Control of Outdoor Lighting, Complexity Issues. <i>Key Engineering Materials</i> , 2013 , 572, 494-497	0.4	1
9	Application of New ATAM Tools to Evaluation of the Dynamic Map Architecture. <i>Communications in Computer and Information Science</i> , 2013 , 248-261	0.3	2
8	State-Space Reduction through Preference Modeling. <i>Lecture Notes in Computer Science</i> , 2013 , 363-374	0.9	3
7	Controlling Complex Lighting Systems. <i>Advances in Intelligent and Soft Computing</i> , 2013 , 305-317		
6	Ontology Oriented Storage, Retrieval and Interpretation for a Dynamic Map System. <i>Communications in Computer and Information Science</i> , 2012 , 380-391	0.3	5
5	Implementing General Purpose Applications with the Rule-Based Approach. <i>Lecture Notes in Computer Science</i> , 2011 , 360-367	0.9	1
4	Visual Generalized Rule Programming Model for Prolog with Hybrid Operators. <i>Lecture Notes in Computer Science</i> , 2009 , 178-194	0.9	1
3	Hierarchical rule design with HaDEs the HeKatE toolchain. <i>Proceedings of the International Multiconference on Computer Science and Information Technology</i> , 2008 ,		3
2	Tab-Trees: A CASE Tool for the Design of Extended Tabular Systems?. <i>Lecture Notes in Computer Science</i> , 2001 , 422-431	0.9	7
1	VARDA Rule Design and Visualization Tool-Chain. <i>Lecture Notes in Computer Science</i> , 395-396	0.9	4

