

Constantin L Filote

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

691
citations

840119

11
h-index

610482

24
g-index

61
all docs

61
docs citations

61
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Fuel Cell Technology for the Sustainable Future of Stationary Applications. <i>Energies</i> , 2019, 12, 4593.	1.6	218
2	Concentrating Solar Power Technologies. <i>Energies</i> , 2019, 12, 1048.	1.6	48
3	Environmental impact assessment of green energy systems for power supply of electric vehicle charging station. <i>International Journal of Energy Research</i> , 2020, 44, 10471-10494.	2.2	44
4	Design and Simulation of Romanian Solar Energy Charging Station for Electric Vehicles. <i>Energies</i> , 2019, 12, 74.	1.6	38
5	Design and Concept of an Energy System Based on Renewable Sources for Greenhouse Sustainable Agriculture. <i>Energies</i> , 2018, 11, 1201.	1.6	27
6	Coal Fly Ash Derived Silica Nanomaterial for MMMs Application in CO ₂ /CH ₄ Separation. <i>Membranes</i> , 2021, 11, 78.	1.4	27
7	Hybrid Electric Powertrain with Fuel Cells for a Series Vehicle. <i>Energies</i> , 2018, 11, 1294.	1.6	22
8	The Electrical Vehicle Simulator for Charging Station in Mode 3 of IEC 61851-1 Standard. <i>Energies</i> , 2020, 13, 176.	1.6	21
9	Variants of rectifiers with near sinusoidal input currents – a comparative analysis with the conventional diode rectifier. <i>IET Power Electronics</i> , 2011, 4, 632.	1.5	19
10	Sewage Sludge Derived Materials for CO ₂ Adsorption. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7139.	1.3	19
11	Analysis of the two-quadrant converter with rectifier with near sinusoidal input currents. <i>IET Power Electronics</i> , 2008, 1, 224.	1.5	18
12	Performance comparison of a WebRTC server on Docker versus virtual machine. , 2016, , .		18
13	Reliability Markov Chains for Security Data Transmitter Analysis. , 2007, , .		11
14	CONSIDERATIONS UPON A NEW TRIPOD JOINT SOLUTION. <i>Mechanika</i> , 2013, 19, .	0.3	11
15	An overview and performance evaluation of open charge point protocol from an electromobility concept perspective. <i>International Journal of Energy Research</i> , 2022, 46, 523-543.	2.2	9
16	Indoor Inter-Robot Distance Measurement in Collaborative Systems. <i>Advances in Electrical and Computer Engineering</i> , 2010, 10, 21-26.	0.5	9
17	Diagnosis of complex systems using ant colony decision Petri nets. , 2006, , .		8
18	OpenStack and Docker: Building a high-performance IaaS platform for interactive social media applications. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
19	A New Formalism for Failure Diagnosis: Ant Colony Decision Petri Nets. Journal of Software, 2007, 2, .	0.6	8
20	Smart Scheduling of Electric Vehicles Based on Reinforcement Learning. Sensors, 2022, 22, 3718.	2.1	8
21	Harmonie elimination and power factor improvement of three-phase rectifier using RNSIC variant. , 2011, , .		7
22	Harmonic analysis based on Discrete Wavelet Transform in electric power systems. , 2014, , .		7
23	An analysis of Rectifier with Near Sinusoidal input current. , 2009, , .		6
24	Safety Discrete Event Models for Holonic Cyclic Manufacturing Systems. Lecture Notes in Computer Science, 2009, , 225-233.	1.0	6
25	MONITORING OF GROUNDWATER QUALITY IN SOME VULNERABLE AREAS IN BOTOSANI COUNTY FOR NITRATES AND NITRITES BASED POLLUTANTS. Environmental Engineering and Management Journal, 2012, 11, 471-479.	0.2	6
26	Electric Vehicle Smart Charging Reservation Algorithm. Sensors, 2022, 22, 2834.	2.1	6
27	Robust-Adaptive Flux Observer in High Performance Vector Control of Induction Motors. , 2008, , .		5
28	Green Hybrid Energy for Office Building. E3S Web of Conferences, 2019, 111, 04026.	0.2	4
29	A New Adaptive Spatial Filtering Method in the Wavelet Domain for Medical Images. Applied Sciences (Switzerland), 2020, 10, 5693.	1.3	4
30	Holonic Models for Traffic Control Systems. Lecture Notes in Computer Science, 2009, , 276-284.	1.0	4
31	The usage of Discrete Wavelet Transform in voltage and current waveforms analysis in Three-Phase Systems with Balanced or Unbalanced Loads. , 2014, , .		3
32	A Methodology for the Fast Comparison of Streamwater Diurnal Cycles at Two Monitoring Points. Water (Switzerland), 2019, 11, 2524.	1.2	3
33	Design Development and Analysis of a Partially Superconducting Axial Flux Motor Using YBCO Bulks. Materials, 2021, 14, 4295.	1.3	3
34	Considerations Regarding the Green Retrofitting of Residential Buildings From Human Wellbeing Perspectives. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 143-175.	0.3	3
35	Safety Discrete Event Models for Production Lines with Shared Resources. , 2005, , .		2
36	Scheduling availability of discrete event systems. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
37	Topologies of three-phase rectifier with near sinusoidal input currents — A comparative analysis of power quality indices using FFT and DWT. , 2014, , .		2
38	Comparative harmonic analysis of power-quality indices in three-phase power systems. , 2014, , .		2
39	Experimental Highlight of Hysteresis Phenomenon in Rolling Contact. Journal of Physics: Conference Series, 2015, 585, 012010.	0.3	2
40	Method of Integration for Equation of Two Balls in Dumped Collision. Journal of Physics: Conference Series, 2015, 585, 012008.	0.3	2
41	An Analytical Solution for Non-Linear Viscoelastic Impact. Mathematics, 2021, 9, 1849.	1.1	2
42	Petri Net Based Diagnosis for Construction Design. , 2005, , .		2
43	Workflows in Constructions Modelled with Stochastic Artificial Social Systems. , 2006, , .		2
44	Design Patterns and Electric Vehicle Charging Software. Applied Sciences (Switzerland), 2021, 11, 140.	1.3	2
45	Control Charts of Workflows. Lecture Notes in Computer Science, 2008, , 330-344.	1.0	2
46	Intelligent control of dependability workflows. , 2008, , .		1
47	Some Consideration Regarding the Models for Collisions with Plastic Indentation. Applied Mechanics and Materials, 0, 658, 161-166.	0.2	1
48	Harmonic analysis of power quality indices based on DWT using three-phase modern converters. , 2014, , .		1
49	Proton-Exchange Membrane Fuel Cells: The Renewable Energy Era. , 2019, , .		1
50	Diagnosis of Robotized Assembling Systems. Lecture Notes in Electrical Engineering, 2009, , 427-436.	0.3	1
51	New Models for ICT-Based Medical Diagnosis. , 2013, , 892-911.		1
52	New Models for Immune Mechanism Diagnosis. Lecture Notes in Computer Science, 2008, , 1-11.	1.0	1
53	Formalisms for modelling the discrete manufacturing systems. , 2009, , .		0
54	Environmental issues in power plants nonreactive processes. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
55	Advanced discrete event systems algorithms for control systems diagnose. , 2010, , .		0
56	Discrete event diagnosis of environment impacts. , 2014, , .		0
57	Considerations Regarding the Green Retrofitting of Residential Buildings From Human Wellbeing Perspectives. , 2021, , 274-307.		0
58	Power Factor Improvement using RNSIC Rectifier. , 2010, , .		0
59	Heating Systems. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 283-307.	0.3	0