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List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,877
citations

279798

23
h-index

265206

42
g-index

75
all docs

75
docs citations

75
times ranked

1608
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of quality of response on survival outcomes among multiple myeloma patients treated with novel agents – a retrospective analysis. Sao Paulo Medical Journal, 2022, 140, 222-228.	0.9	0
2	Casting Process Improvement by the Application of Artificial Intelligence. Applied Sciences (Switzerland), 2022, 12, 3264.	2.5	2
3	Inverse problem solving in semiconductor photoacoustics by neural networks. Inverse Problems in Science and Engineering, 2021, 29, 248-262.	1.2	8
4	Improvement of Neural Networks Applied to Photoacoustic Signals of Semiconductors with Added Noise. Silicon, 2021, 13, 2959-2969.	3.3	2
5	A Novel Simple, Adaptive, and Versatile Soft-Robotic Compliant Two-Finger Gripper With an Inherently Gentle Touch. Journal of Mechanisms and Robotics, 2021, 13, .	2.2	15
6	Vision-Based Inspection of Tyre Tread Depth. Transactions of Famena, 2021, 45, 19-28.	0.6	1
7	Photoacoustic Measurements of the Thermal and Elastic Properties of n-Type Silicon Using Neural Networks. Silicon, 2020, 12, 1289-1300.	3.3	14
8	Application of Machine Learning in the Control of Metal Melting Production Process. Applied Sciences (Switzerland), 2020, 10, 6048.	2.5	14
9	The application of artificial neural networks in solid-state photoacoustics for the recognition of microphone response effects in the frequency domain. Journal of Computational Electronics, 2020, 19, 1268-1280.	2.5	5
10	Computationally intelligent modelling of the plasma cutting process. International Journal of Computer Integrated Manufacturing, 2020, 33, 252-264.	4.6	9
11	Photoacoustic optical semiconductor characterization based on machine learning and reverse-back procedure. Optical and Quantum Electronics, 2020, 52, 1.	3.3	10
12	THE VEHICLE ROUTING PROBLEM WITH STOCHASTIC DEMANDS IN AN URBAN AREA – A CASE STUDY. Facta Universitatis, Series: Mechanical Engineering, 2020, 18, 107.	4.6	10
13	AN APPLICATION OF METAHEURISTIC OPTIMIZATION ALGORITHMS FOR SOLVING THE FLEXIBLE JOB-SHOP SCHEDULING PROBLEM. Operational Research in Engineering Sciences: Theory and Applications, 2020, 3, 13-28.	2.4	7
14	Metaheuristic algorithms for the flexible job-shop scheduling problem. IMK-14 - Istrazivanje I Razvoj, 2020, 26, 49-56.	0.0	0
15	Novel Smart and Compliant Robotic Gripper: Design, Modelling, Experiments and Control. , 2019, , .		1
16	Generic Imatinib in Chronic Myeloid Leukemia Treatment: Long-Term Follow-up. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, e526-e531.	0.4	8
17	Machine Learning Classification of Cervical Tissue Liquid Based Cytology Smear Images by Optomagnetic Imaging Spectroscopy. Tehnicki Vjesnik, 2019, 26, .	0.2	2
18	COMPARISON OF THREE FUZZY MCDM METHODS FOR SOLVING THE SUPPLIER SELECTION PROBLEM. Facta Universitatis, Series: Mechanical Engineering, 2019, 17, 455.	4.6	82

#	ARTICLE	IF	CITATIONS
19	Machine Learning for Personalized Medicine: Clinical Outcome Prediction and Diagnosis : Plenary Talk. , 2019, , .		2
20	Adaptive Soft Robotic Gripper Based on Shape Morphing Compliant System. , 2018, , .		5
21	Enhanced control of radiator heating system. Thermal Science, 2018, 22, 1337-1348.	1.1	0
22	Optimization of the Gating System for Sand Casting Using Genetic Algorithm. International Journal of Metalcasting, 2017, 11, 255-265.	1.9	21
23	Laser Fluence Recognition Using Computationally Intelligent Pulsed Photoacoustics Within the Trace Gases Analysis. International Journal of Thermophysics, 2017, 38, 1.	2.1	4
24	Reproducibility of 24-h heart rate variability in children. Clinical Autonomic Research, 2017, 27, 273-278.	2.5	14
25	Intelligent system for automatic control of the process of filling the mold. International Journal of Advanced Manufacturing Technology, 2017, 90, 2223-2231.	3.0	4
26	Evolutionary Optimization of Colebrook's Turbulent Flow Friction Approximations. Fluids, 2017, 2, 15.	1.7	31
27	The significance of angiogenesis for predicting optimal therapeutic response in chronic myeloid leukaemia patients. Polish Journal of Pathology, 2017, 68, 241-251.	0.3	4
28	CASTING IMPROVEMENT BASED ON METAHEURISTIC OPTIMIZATION AND NUMERICAL SIMULATION. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 397.	4.6	14
29	Intelligent Flow Friction Estimation. Computational Intelligence and Neuroscience, 2016, 2016, 1-10.	1.7	28
30	Design and state of art of innovative wind turbine systems. Renewable and Sustainable Energy Reviews, 2016, 61, 258-265.	16.4	49
31	Application of fuzzy logic for evaluation of the level of social acceptance of waste treatment. Clean Technologies and Environmental Policy, 2016, 18, 1863-1875.	4.1	14
32	Potential of neuro-fuzzy methodology to estimate noise level of wind turbines. Mechanical Systems and Signal Processing, 2016, 66-67, 715-722.	8.0	10
33	Comparative study of clustering methods for wake effect analysis in wind farm. Energy, 2016, 95, 573-579.	8.8	35
34	Wind farm efficiency by adaptive neuro-fuzzy strategy. International Journal of Electrical Power and Energy Systems, 2016, 81, 215-221.	5.5	107
35	Surface roughness prediction by extreme learning machine constructed with abrasive water jet. Precision Engineering, 2016, 43, 86-92.	3.4	68
36	CAD/CAM DESIGN AND GENETIC OPTIMIZATION OF FEEDERS FOR SAND CASTING PROCESS. Facta Universitatis, Series: Mechanical Engineering, 2016, 14, 147.	4.6	9

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37	Optimization of chemical composition in the manufacturing process of flotation balls based on intelligent soft sensing. <i>Hemijaska Industrija</i> , 2016, 70, 603-612.	0.7	2
38	Thermal vision based intelligent system for human detection and tracking in mobile robot control system. <i>Thermal Science</i> , 2016, 20, 1553-1559.	1.1	9
39	Temperature controller optimization by computational intelligence. <i>Thermal Science</i> , 2016, 20, 1541-1552.	1.1	1
40	Wind wake influence estimation on energy production of wind farm by adaptive neuro-fuzzy methodology. <i>Energy</i> , 2015, 80, 361-372.	8.8	36
41	Adaptive neuro-fuzzy estimation of diffuser effects on wind turbine performance. <i>Energy</i> , 2015, 89, 324-333.	8.8	30
42	Computationally intelligent pulsed photoacoustics. <i>Measurement Science and Technology</i> , 2014, 25, 125203.	2.6	11
43	Intelligent optimal control of thermal vision-based Person-Following Robot Platform. <i>Thermal Science</i> , 2014, 18, 957-966.	1.1	5
44	Comparation of Artificial Neural Network and Logistic Regression Models for Predicting Clinically Relevant Outcome. <i>World Neurosurgery</i> , 2014, 82, e377-e378.	1.3	3
45	Adaptive neuro-fuzzy estimation of building augmentation of wind turbine power. <i>Computers and Fluids</i> , 2014, 97, 188-194.	2.5	25
46	Adaptive neuro-fuzzy maximal power extraction of wind turbine with continuously variable transmission. <i>Energy</i> , 2014, 64, 868-874.	8.8	190
47	Support vector regression methodology for wind turbine reaction torque prediction with power-split hydrostatic continuous variable transmission. <i>Energy</i> , 2014, 67, 623-630.	8.8	113
48	Adaptive neuro-fuzzy optimization of wind farm project net profit. <i>Energy Conversion and Management</i> , 2014, 80, 229-237.	9.2	30
49	Sensorless estimation of wind speed by adaptive neuro-fuzzy methodology. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 62, 490-495.	5.5	34
50	Adaptive neuro fuzzy estimation of underactuated robotic gripper contact forces. <i>Expert Systems With Applications</i> , 2013, 40, 281-286.	7.6	64
51	Adaptive neuro fuzzy selection of heart rate variability parameters affected by autonomic nervous system. <i>Expert Systems With Applications</i> , 2013, 40, 4490-4495.	7.6	50
52	Genetic Algorithms Application for the Photoacoustic Signal Temporal Shape Analysis and Energy Density Spatial Distribution Calculation. <i>International Journal of Thermophysics</i> , 2013, 34, 1466-1472.	2.1	4
53	Neural Networks-Based Real-Time Determination of the Laser Beam Spatial Profile and Vibrational-to-Translational Relaxation Time Within Pulsed Photoacoustics. <i>International Journal of Thermophysics</i> , 2013, 34, 1795-1802.	2.1	10
54	Very accurate explicit approximations for calculation of the Colebrook friction factor. <i>International Journal of Mechanical Sciences</i> , 2013, 67, 10-13.	6.7	35

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55	Adaptive neuro-fuzzy approach for wind turbine power coefficient estimation. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 28, 191-195.	16.4	162
56	Rheological model optimization using advanced evolutionary computation for the analysis of the influence of recycled rubber on rubber blend dynamical behaviour. <i>Meccanica</i> , 2013, 48, 2467-2477.	2.0	3
57	Computationally intelligent system for thermal vision people detection and tracking in robotic applications. , 2013, , .		4
58	Spatial laser beam determination by pulsed photoacoustics: detection radius/signal wavelength approximation. <i>Physica Scripta</i> , 2013, T157, 014058.	2.5	0
59	Air quality estimation by computational intelligence methodologies. <i>Thermal Science</i> , 2012, 16, 493-504.	1.1	9
60	Hybrid soft computing control strategies for improving the energy capture of a wind farm. <i>Thermal Science</i> , 2012, 16, 483-491.	1.1	5
61	Adaptive neuro-fuzzy estimation of autonomic nervous system parameters effect on heart rate variability. <i>Neural Computing and Applications</i> , 2012, 21, 2065-2070.	5.6	90
62	Adaptive neuro fuzzy controller for adaptive compliant robotic gripper. <i>Expert Systems With Applications</i> , 2012, 39, 13295-13304.	7.6	125
63	Artificial neural networks based early clinical prediction of mortality after spontaneous intracerebral hemorrhage. <i>Acta Neurologica Belgica</i> , 2012, 112, 375-382.	1.1	15
64	Intelligent control of DC motor driven electromechanical fin actuator. <i>Control Engineering Practice</i> , 2012, 20, 610-617.	5.5	35
65	Artificial neural networks based prediction of cerebral palsy in infants with central coordination disturbance. <i>Early Human Development</i> , 2012, 88, 547-553.	1.8	10
66	Computationally intelligent modeling and control of fluidized bed combustion process. <i>Thermal Science</i> , 2011, 15, 321-338.	1.1	19
67	Robust Stereo-Vision Based 3D Object Reconstruction for the Assistive Robot FRIEND. <i>Advances in Electrical and Computer Engineering</i> , 2011, 11, 15-22.	0.9	11
68	An approach to neuro-fuzzy filtering for communications and control. , 0, , .		4
69	METAHEURISTICS FOR THE WASTE COLLECTION VEHICLE ROUTING PROBLEM IN URBAN AREAS. <i>Facta Universitatis Series Working and Living Environmental Protection</i> , 0, , 001.	0.0	1