

Ivan Ciric

List of Publications by Year in descending order

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16
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221
citing authors

#	ARTICLE	IF	CITATIONS
1	INTELLIGENT MACHINE VISION BASED RAILWAY INFRASTRUCTURE INSPECTION AND MONITORING USING UAV. Facta Universitatis, Series: Mechanical Engineering, 2019, 17, 357.	4.6	38
2	Dynamic stability of nonlocal Voigt-Kelvin viscoelastic Rayleigh beams. Applied Mathematical Modelling, 2015, 39, 6941-6950.	4.2	23
3	Computationally intelligent modeling and control of fluidized bed combustion process. Thermal Science, 2011, 15, 321-338.	1.1	19
4	Stochastic stability of multi-nanobeam systems. International Journal of Engineering Science, 2016, 109, 88-105.	5.0	17
5	Near field acoustic localization under unfavorable conditions using feedforward neural network for processing time difference of arrival. Expert Systems With Applications, 2017, 71, 138-146.	7.6	13
6	Heat load prediction of small district heating system using artificial neural networks. Thermal Science, 2016, 20, 1355-1365.	1.1	13
7	Air quality estimation by computational intelligence methodologies. Thermal Science, 2012, 16, 493-504.	1.1	9
8	Thermal vision based intelligent system for human detection and tracking in mobile robot control system. Thermal Science, 2016, 20, 1553-1559.	1.1	9
9	Advanced thermal camera based system for object detection on rail tracks. Thermal Science, 2018, 22, 1551-1561.	1.1	8
10	Acoustic recognition of noise-like environmental sounds by using artificial neural network. Expert Systems With Applications, 2021, 184, 115484.	7.6	7
11	EDGE DETECTION PARAMETER OPTIMIZATION BASED ON THE GENETIC ALGORITHM FOR RAIL TRACK DETECTION. Facta Universitatis, Series: Mechanical Engineering, 2019, 17, 333.	4.6	7
12	Towards explainable AI-assisted operations in District Heating Systems. IFAC-PapersOnLine, 2021, 54, 390-395.	0.9	6
13	Hybrid soft computing control strategies for improving the energy capture of a wind farm. Thermal Science, 2012, 16, 483-491.	1.1	5
14	Intelligent optimal control of thermal vision-based Person-Following Robot Platform. Thermal Science, 2014, 18, 957-966.	1.1	5
15	Computationally intelligent system for thermal vision people detection and tracking in robotic applications. , 2013, , .		4
16	Rheological model optimization using advanced evolutionary computation for the analysis of the influence of recycled rubber on rubber blend dynamical behaviour. Meccanica, 2013, 48, 2467-2477.	2.0	3