Ivan Ciric

List of Publications by Year
in descending order

16 papers	**186** citations	1163117 **8** h-index	1125743 **13** g-index
16 all docs	**16** docs citations	**16** times ranked	**221** citing authors

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