

Elena PivarÄioVÄj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5591021/publications.pdf>

Version: 2024-02-01

30
papers

197
citations

1163117

8
h-index

1125743

13
g-index

30
all docs

30
docs citations

30
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of control and correction options of mobile robot trajectory by an inertial navigation system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141875516.	2.1	38
2	Introduction of Deep Learning in Thermographic Monitoring of Cultural Heritage and Improvement by Automatic Thermogram Pre-Processing Algorithms. Sensors, 2021, 21, 750.	3.8	20
3	Identification of QR Code Perspective Distortion Based on Edge Directions and Edge Projections Analysis. Journal of Imaging, 2020, 6, 67.	3.0	19
4	Measuring the Water Content in Wood Using Step-Heating Thermography and Speckle Patterns-Preliminary Results. Sensors, 2020, 20, 316.	3.8	18
5	Ionization Impact on the Air Cleaning Efficiency in the Interior. Measurement Science Review, 2015, 15, 156-166.	1.0	17
6	Mobile Robot Controlling Possibilities of Inertial Navigation System. Procedia Engineering, 2016, 149, 404-413.	1.2	16
7	A New System For Measuring The Deflection Of The Beam With The Support Of Digital Holographic Interferometry. Journal of Electrical Engineering, 2015, 66, 53-56.	0.7	9
8	Recognition of Perspective Distorted QR Codes with a Partially Damaged Finder Pattern in Real Scene Images. Applied Sciences (Switzerland), 2020, 10, 7814.	2.5	9
9	Experimental Assessment of Time-Limited Operation and Rectification of a Bridge Crane. Materials, 2020, 13, 2708.	2.9	8
10	Machine Vision System Measuring the Trajectory of Upper Limb Motion Applying the Matlab Software. Measurement Science Review, 2019, 19, 1-8.	1.0	8
11	The analyse of the various methods for location of Data Matrix codes in images. , 2018, , .		6
12	Comparing the impact of different cameras and image resolution to recognize the data matrix codes. Journal of Electrical Engineering, 2018, 69, 286-292.	0.7	5
13	Holographic Interferometry for Measuring the Effect of Thermal Modification on Wood Thermal Properties. Applied Sciences (Switzerland), 2021, 11, 2516.	2.5	4
14	The Comparing of the Selected Temperature Sensors Compatible with the Arduino Platform. Management Systems in Production Engineering, 2018, 26, 168-171.	1.1	4
15	Interferometric Measurement of Heat Transfer above New Generation Foam Concrete. Measurement Science Review, 2019, 19, 153-160.	1.0	3
16	Investigation of temperature fields in the air environment above wood subjected to thermal degradation. Drvna Industrija, 2019, 70, 319-327.	0.6	2
17	Analysis of the results of the finishing process for manufacturing low-hardness products from non-metallic structural materials. Materials Today: Proceedings, 2019, 19, 2576-2580.	1.8	2
18	Comparative study of feature extraction and classification methods for recognition of characters taken from vehicle registration plates. Imaging Science Journal, 2020, 68, 56-68.	0.5	2

#	ARTICLE	IF	CITATIONS
19	TRACER ROBOT WITH A PROPORTIONAL CONTROL. MM Science Journal, 2016, 2016, 1277-1286.	0.4	2
20	Design of an Inertial Measuring Unit for Control of Robotic Devices. Materials Science Forum, 0, 952, 313-322.	0.3	1
21	Comparative Study of Data Matrix Codes Localization and Recognition Methods. Journal of Imaging, 2021, 7, 163.	3.0	1
22	THE CONSTRUCTION OF THE FUNCTION OF THE ULTIMATE GOAL OF THE TECHNOLOGICAL PROCESS OF NON-AUTOCCLAVED FOAM CONCRETE OBTAINING. Acta Technologica, 2019, 5, 59-62.	0.3	1
23	Measuring and evaluating the differences of compared images for a correct car silhouette categorization using integral transforms. Measurement Science Review, 2018, 18, 168-174.	1.0	1
24	Options to Use Data Matrix Codes in Production Engineering. Management Systems in Production Engineering, 2018, 26, 231-236.	1.1	1
25	Mathematical Model for Improvement of Concrete Quality. Materials Science Forum, 0, 952, 356-362.	0.3	0
26	Possibility of Application of the User Interface of a Conventional Smartphone for Communication of Graphical Information with a Special HW/SW Device. Multidisciplinary Aspects of Production Engineering, 2021, 4, 51-64.	0.2	0
27	OPTIMIZATION OF MANIPULATION LOGISTICS USING DATA MATRIX CODES. Advances in Science and Technology Research Journal, 2018, 12, 173-180.	0.8	0
28	On the Use of Advanced Post-Processing Imaging Tools for Studying Marquetries via Infrared Thermography. NDT World, 2019, , 50-54.	0.1	0
29	HEAT EXCHANGE IN FOAM CONCRETE REINFORCED BY POLYETHYLENE TEREPHTHALATE FIBER (PET FIBER). Bulletin of Belgorod State Technological University Named After V G Shukhov, 2019, 4, 121-127.	0.3	0
30	Recognition of Data Matrix Codes in Images and their Applications in Production Processes. Management Systems in Production Engineering, 2020, 28, 154-161.	1.1	0