

Slavomir Matuska

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

200
citations

1684188

5
h-index

1372567

10
g-index

26
all docs

26
docs citations

26
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	An Advanced Approach to Extraction of Colour Texture Features Based on GLCM. International Journal of Advanced Robotic Systems, 2014, 11, 104.	2.1	42
2	A Smart System for Sitting Posture Detection Based on Force Sensors and Mobile Application. Mobile Information Systems, 2020, 2020, 1-13.	0.6	26
3	A Smart IoT System for Detecting the Position of a Lying Person Using a Novel Textile Pressure Sensor. Sensors, 2021, 21, 206.	3.8	26
4	The comparison of CPU time consumption for image processing algorithm in Matlab and OpenCV. , 2012, , .		21
5	Classification of Wild Animals based on SVM and Local Descriptors. AASRI Procedia, 2014, 9, 25-30.	0.6	20
6	A novel system for automatic detection and classification of animal. , 2014, , .		16
7	Flexible Force Sensors Embedded in Office Chair for Monitoring of Sitting Postures. , 2019, , .		10
8	Sensor network proposal based on IoT for a prediction system of the power output from photovoltaic panels. , 2018, , .		5
9	Concept of a Wearable Temperature Sensor for Intelligent Textile. Advances in Electrical and Electronic Engineering, 2020, 18, .	0.3	5
10	Towards the Development of a Smart Wearable Device Based on Electrically Conductive Yarns. Transportation Research Procedia, 2019, 40, 367-372.	1.5	4
11	Simple method of photovoltaic panel power characteristic measurement based on Arduino hardware platform. Transportation Research Procedia, 2019, 40, 579-585.	1.5	4
12	Proposal for a Localization System for an IoT Ecosystem. Electronics (Switzerland), 2021, 10, 3016.	3.1	4
13	A Novel System for Non-Invasive Method of Animal Tracking and Classification in Designated Area Using Intelligent Camera System. Radioengineering, 2016, 25, 161-168.	0.6	3
14	A Video Camera Road Sign System of the Early Warning from Collision with the Wild Animals. Civil and Environmental Engineering, 2016, 12, 42-46.	1.2	3
15	Design of a cheap pulse Oximeter for home care systems. , 2022, , .		3
16	Determination of the big mammals migration corridors in the particular areas using remotely-operating intelligent camera system. , 2018, , .		2
17	Towards the development of a wearable temperature sensor based on a ferroelectric capacitor. , 2018, , .		2
18	One-dimensional Color-level Co-occurrence matrices. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	A new approach to short web document creation based on textual and visual information. , 2013, , .		1
20	Utilization of electro-conductive blended Ag/PA textile rayon yarns as data and power wires in an intelligent textile structures. , 2014, , .		1
21	Tool for Optimizing Webpages on a Mobile Phone. , 2020, , .		1
22	A Novel Imaging Approach of Web Documents based on Semantic Inclusion of Textual and Non-Textual Information. AASRI Procedia, 2014, 9, 31-36.	0.6	0
23	Application Layer Protocol for the PREDICON Weather Station. , 2018, , .		0
24	Internet of Things Platform for Rapid Development and Learning. , 2019, , .		0
25	Real-Time Segmentation and Tracking Module of Target of Interest from Video Sequence in Object Recognition Systems. Lecture Notes in Electrical Engineering, 2016, , 557-565.	0.4	0
26	A Functional IoT-based System Design of the Connected University. , 2022, , .		0