Slavomir Matuska

List of Publications by Year
in descending order

26	200	1684188	1372567
papers	**citations**	5	10
		h-index	**g-index**

26	26	26	160
all docs	**docs citations**	**times ranked**	**citing authors**

#	ARTICLE	IF	CITATIONS
1	Design of a cheap pulse Oximeter for home care systems. , 2022, , .		3
2	A Functional IoT-based System Design of the Connected University. , 2022, , .		0
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	Proposal for a Localization System for an IoT Ecosystem. Electronics (Switzerland), 2021, 10, 3016.	3.1	4
5	Tool for Optimizing Webpages on a Mobile Phone. , 2020, , .		1
6	A Smart System for Sitting Posture Detection Based on Force Sensors and Mobile Application. Mobile Information Systems, 2020, 2020, 1-13.	0.6	26
7	Concept of a Wearable Temperature Sensor for Intelligent Textile. Advances in Electrical and Electronic Engineering, 2020, 18, .	0.3	5
8	Flexible Force Sensors Embedded in Office Chair for Monitoring of Sitting Postures. , 2019, , .		10
9	Towards the Development of a Smart Wearable Device Based on Electrically Conductive Yarns. Transportation Research Procedia, 2019, 40, 367-372.	1.5	4
10	Simple method of photovoltaic panel power characteristic measurement based on Arduino hardware platform. Transportation Research Procedia, 2019, 40, 579-585.	1.5	4
11	Internet of Things Platform for Rapid Development and Learning. , 2019, , .		0
12	Application Layer Protocol for the PREDICON Weather Station. , 2018, , .		0
13	Determination of the big mammals migration corridors in the particular areas using remotely-operating intelligent camera system. , 2018, , .		2
14	Towards the development of a wearable temperature sensor based on a ferroelectric capacitor. , 2018, , .		2
15	Sensor network proposal based on IoT for a prediction system of the power output from photovoltaic panels. , 2018, , .		5
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Classification of Wild Animals based on SVM and Local Descriptors. AASRI Procedia, 2014, 9, 25-30.	0.6	20
21	Utilization of electro-conductive blended Ag/PA textile rayon yarns as data and power wires in an intelligent textile structures. , 2014, , .		1
22	A novel system for automatic detection and classification of animal. , 2014, , .		16
23	An Advanced Approach to Extraction of Colour Texture Features Based on GLCM. International Journal of Advanced Robotic Systems, 2014, 11, 104.	2.1	42
24	A new approach to short web document creation based on textual and visual information. , 2013, , .		1
25	One-dimensional Color-level Co-occurrence matrices. , 2012, , .		1
26	The comparison of CPU time consumption for image processing algorithm in Matlab and OpenCV. , 2012, , .		21