Janusz Gajda

List of Publications by Year
in descending order

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36	554	840776 11	677142 22
papers	citations	h-index	g-index

36	36	36	503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Challenges in QCD matter physics --The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	2.5	222
2	Thermal Property Analysis of Axle Load Sensors for Weighing Vehicles in Weigh-in-Motion System. Sensors, 2016, 16, 2143.	3.8	35
3	Voice data mining for laryngeal pathology assessment. Computers in Biology and Medicine, 2016, 69, 270-276.	7.0	35
4	Acoustic analysis assessment in speech pathology detection. International Journal of Applied Mathematics and Computer Science, 2015, 25, 631-643.	1.5	32
5	Application of inductive loops as wheel detectors. Transportation Research Part C: Emerging Technologies, 2012, 21, 57-66.	7.6	31
6	The Influence of Temperature on Errors of Wim Systems Employing Piezoelectric Sensors Keywords: Piezoelectric Sensors, Temperature Influence, Temperature Error Of Wim Systems, Error Correction. Metrology and Measurement Systems, 2013, 20, 171-182.	1.4	25
7	Accuracy Assessment of Weigh-in-Motion Systems for Vehicle's Direct Enforcement. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 88-94.	3.8	24
8	Automatic Detection of Parkinsonâ€™s Disease Based on Modulated Vowels. , 0, , .		21
9	High Accuracy Weigh-In-Motion Systems for Direct Enforcement. Sensors, 2021, 21, 8046.	3.8	13
10	Improving oncoplastic breast tumor bed localization for radiotherapy planning using image registration algorithms. Physics in Medicine and Biology, 2018, 63, 035024.	3.0	12
11	Road Traffic Parameters Measuring System with Variable Structure. Metrology and Measurement Systems, 2011, 18, 659-666.	1.4	12
12	Automatic Vehicle Classification in Systems with Single Inductive Loop Detector. Metrology and Measurement Systems, 2014, 21, 619-630.	1.4	11
13	Design and accuracy assessment of the multi-sensor weigh-in-motion system. , 2015, , .		10
14	Inductive Loop Axle Detector based on Resistance and Reactance Vehicle Magnetic Profiles. Sensors, 2018, 18, 2376.	3.8	10
15	Sensor Data Fusion in Multi-Sensor Weigh-In-Motion Systems. Sensors, 2020, 20, 3357.	3.8	10
16	Optimised Autocalibration Algorithm of Weigh-In-Motion Systems for Direct Mass Enforcement. Sensors, 2020, 20, 3049.	3.8	9
17	Quantification of Linear and Non-linear Acoustic Analysis Applied to Voice Pathology Detection. Advances in Intelligent Systems and Computing, 2014, , 355-364.	0.6	7
18	Identification of the spatial impulse response of inductive loop detectors. , 2015, , .		6

#	Article	IF	Citations
19	A Highly Selective Vehicle Classification Utilizing Dual-Loop Inductive Detector. Metrology and Measurement Systems, 2014, 21, 473-484.	1.4	6
20	Analysis of the temperature influences on the metrological properties of polymer piezoelectric load sensors applied in Weigh-in-Motion systems. , 2012, , .		5
21	Digital System for Detection and Location of Miners Trapped in Hard Coalmines - GLOP2. Metrology and Measurement Systems, 2010, 17, 245-254.	1.4	3
22	The renal vessel segmentation for facilitation of partial nephrectomy. , 2015, , .		3
23	Automatic Extraction of the Pelvicalyceal System for Preoperative Planning of Minimally Invasive Procedures. Metrology and Measurement Systems, 2017, 24, 3-18.	1.4	3
24	Eddy-Current Sensors with Asymmetrical Point Spread Function. Sensors, 2016, 16, 1642.	3.8	2
25	Designing the Calibration Process of Weigh-In-Motion Systems. Electronics (Switzerland), 2021, 10, 2537.	3.1	2
26	A multipoint algorithm to estimate the phase shift angle by the signal zero-crossing method. Systems Analysis Modelling Simulation, 2003, 43, 1615-1624.	0.1	1
27	Voice pathology detection by fuzzy logic. , 2015, , .		1
28	Registration of different phases of contrast-enhanced CT for facilitation of partial nephrectomy. , 2016, , .		1
29	Estymacja indywidualnej prï¿½dkoï¿½ci pojazdu na podstawie analizy profilu magnetycznego.. Przeglad Elektrotechniczny, 2015, 1, 188-191.	0.2	1
30	Influence of the overloaded vehicles elimination on the road pavement durability. , 2018, , .		1
31	Parametric optimization of measuring systems according to the joint error criterion. IEEE Transactions on Instrumentation and Measurement, 1997, 46, 769-775.	4.7	0
32	A high resolution microcomputer system for recording of electrostatic discharges. Journal of Loss Prevention in the Process Industries, 2001, 14, 95-97.	3.3	0
33	Information fusion in weigh in motion systems. , 2015, , .		0
34	WpÅ‚yw dÅ‚ugoÅ›ci fonacji na iloÅ›Ä‡ informacji zawartej w sygnale gÅ‚osu ludzkiego. Przeglad Elektrotechniczny, 2015, 1, 59-61.	0.2	0
35	Zastosowanie metody zbiorÃ³w poziomicowych do wyodrÄ™bniania struktur naczyniowych w obrÄ™bie nerki w celu minimalizacji inwazyjnoÅ›ci zabiegÃ³w onkologicznych. Przeglad Elektrotechniczny, 2015, 1, 70-73.	0.2	0
36	Pomiary parametrÃ³w ruchu drogowego. , 2022, , 37-54.		0