

# Janusz Gajda

## List of Publications by Year in descending order

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36  
papers

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citations

840776

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677142

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g-index

36  
all docs

36  
docs citations

36  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pomiary parametrów ruchu drogowego. , 2022, , 37-54.		0
2	Designing the Calibration Process of Weigh-In-Motion Systems. Electronics (Switzerland), 2021, 10, 2537.	3.1	2
3	High Accuracy Weigh-In-Motion Systems for Direct Enforcement. Sensors, 2021, 21, 8046.	3.8	13
4	Optimised Autocalibration Algorithm of Weigh-In-Motion Systems for Direct Mass Enforcement. Sensors, 2020, 20, 3049.	3.8	9
5	Sensor Data Fusion in Multi-Sensor Weigh-In-Motion Systems. Sensors, 2020, 20, 3357.	3.8	10
6	Accuracy Assessment of Weigh-in-Motion Systems for Vehicle's Direct Enforcement. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 88-94.	3.8	24
7	Improving oncological breast tumor bed localization for radiotherapy planning using image registration algorithms. Physics in Medicine and Biology, 2018, 63, 035024.	3.0	12
8	Inductive Loop Axle Detector based on Resistance and Reactance Vehicle Magnetic Profiles. Sensors, 2018, 18, 2376.	3.8	10
9	Influence of the overloaded vehicles elimination on the road pavement durability. , 2018, , .		1
10	Automatic Extraction of the Pelvicalyceal System for Preoperative Planning of Minimally Invasive Procedures. Metrology and Measurement Systems, 2017, 24, 3-18.	1.4	3
11	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
12	Eddy-Current Sensors with Asymmetrical Point Spread Function. Sensors, 2016, 16, 1642.	3.8	2
13	Thermal Property Analysis of Axle Load Sensors for Weighing Vehicles in Weigh-in-Motion System. Sensors, 2016, 16, 2143.	3.8	35
14	Registration of different phases of contrast-enhanced CT for facilitation of partial nephrectomy. , 2016, , .		1
15	Voice data mining for laryngeal pathology assessment. Computers in Biology and Medicine, 2016, 69, 270-276.	7.0	35
16	The renal vessel segmentation for facilitation of partial nephrectomy. , 2015, , .		3
17	Acoustic analysis assessment in speech pathology detection. International Journal of Applied Mathematics and Computer Science, 2015, 25, 631-643.	1.5	32
18	Identification of the spatial impulse response of inductive loop detectors. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
19	Voice pathology detection by fuzzy logic. , 2015, , .		1
20	Information fusion in weigh in motion systems. , 2015, , .		0
21	Design and accuracy assessment of the multi-sensor weigh-in-motion system. , 2015, , .		10
22	Estymacja indywidualnej przędkości pojazdu na podstawie analizy profilu magnetycznego.. Przegląd Elektrotechniczny, 2015, 1, 188-191.	0.2	1
23	Wpływ dęci fonacji na ilość informacji zawartej w sygnale głosu ludzkiego. Przegląd Elektrotechniczny, 2015, 1, 59-61.	0.2	0
24	Zastosowanie metody zbiorów poziomicowych do wyodrębniania struktur nacyniowych w obrębie nerki w celu minimalizacji inwazyjności zabiegów onkologicznych. Przegląd Elektrotechniczny, 2015, 1, 70-73.	0.2	0
25	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
26	Automatic Vehicle Classification in Systems with Single Inductive Loop Detector. Metrology and Measurement Systems, 2014, 21, 619-630.	1.4	11
27	A Highly Selective Vehicle Classification Utilizing Dual-Loop Inductive Detector. Metrology and Measurement Systems, 2014, 21, 473-484.	1.4	6
28	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
29	Analysis of the temperature influences on the metrological properties of polymer piezoelectric load sensors applied in Weigh-in-Motion systems. , 2012, , .		5
30	Application of inductive loops as wheel detectors. Transportation Research Part C: Emerging Technologies, 2012, 21, 57-66.	7.6	31
31	Road Traffic Parameters Measuring System with Variable Structure. Metrology and Measurement Systems, 2011, 18, 659-666.	1.4	12
32	Digital System for Detection and Location of Miners Trapped in Hard Coalmines - GLOP2. Metrology and Measurement Systems, 2010, 17, 245-254.	1.4	3
33	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
34	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
35	Parametric optimization of measuring systems according to the joint error criterion. IEEE Transactions on Instrumentation and Measurement, 1997, 46, 769-775.	4.7	0
36	Automatic Detection of Parkinson's Disease Based on Modulated Vowels. , 0, , .		21