

Piotr Owczarek

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

64
citations

1937685

4
h-index

1872680

6
g-index

25
all docs

25
docs citations

25
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling of Electrohydraulic Drive with a Valve Controlled by Synchronous Motor. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 215-222.	0.6	8
2	A Study on Coaxial Quadrotor Model Parameter Estimation: an Application of the Improved Square Root Unscented Kalman Filter. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2019, 95, 491-510.	3.4	7
3	Wireless Motion Sensorsâ€™ Useful in Assessing the Effectiveness of Physiotherapeutic Methods Used in Patients with Knee Osteoarthritisâ€™ Preliminary Report. <i>Sensors</i> , 2020, 20, 2268.	3.8	6
4	Development of Force Feedback Controller For the Loader Crane. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 345-354.	0.4	5
5	Detection of facial gestures artefacts created during an EEG research using artificial neural networks. , 2016, , .		4
6	Mobile Applications in Evaluations of Knee Joint Kinematics: A Pilot Study. <i>Sensors</i> , 2019, 19, 3675.	3.8	4
7	Manual Therapy Versus Closed Kinematic Exercisesâ€™ The Influence on the Range of Movement in Patients with Knee Osteoarthritis: A Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8605.	2.5	4
8	Use of Delta Robot as an Active Touch Device in Immersive Case Scenarios. <i>Procedia Computer Science</i> , 2017, 104, 485-492.	2.0	3
9	Control of an Electro-Hydraulic Manipulator by Vision System Using Central Point of a Marker Estimated via Kalman Filter. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 587-596.	0.6	3
10	An estimation of central points of circle markers in a vision system by using Kalman filter and complementary filter. , 2015, , .		2
11	The High-Resolution Camera in Estimation of the Position of the Hydraulic Valve Spool. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 623-630.	0.6	2
12	The Application of a Vision System to Detect Trajectory Points for Soldering Robot Programming. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 587-596.	0.6	2
13	Design of Control System for an Electrohydraulic Drive Based on the Valve with PMSM Motor. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 63-71.	0.6	2
14	Dynamic Model and Simulation of Electro-Hydraulic Proportional Valve. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 99-107.	0.6	2
15	Controlling the Direction of Rotation of the Motor Using Brain Waves via Ethernet POWERLINK Protocol. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 81-88.	0.6	1
16	Application of Computer System in Control and Programming of a Robotized Soldering Station. <i>MATEC Web of Conferences</i> , 2019, 252, 02008.	0.2	1
17	Research on Concentration Levels Depending on the Color and Blinking Frequency of the Marker Using Multiple EEG Channel. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 433-440.	0.6	1
18	Application of the MFC Method in Electrohydraulic Servo Drive with a Valve Controlled by Synchronous Motor. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 167-174.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Development of Experimental Design for Hydraulic Active Heave Compensation Systems. Lecture Notes in Mechanical Engineering, 2018, , 457-464.	0.4	1
20	Use of Electrooculography (EOG) and Facial Expressions as Part of the Brain-Computer Interface (BCI) for Controlling an Electric DC Motor. Advances in Intelligent Systems and Computing, 2018, , 82-92.	0.6	1
21	Construction and Signal Filtering in Quadrotor. Advances in Intelligent Systems and Computing, 2015, , 153-161.	0.6	0
22	Application of SURF Algorithm for Real-Time Estimation of Angle and Central Point of a Tracked Object. Advances in Intelligent Systems and Computing, 2016, , 319-327.	0.6	0
23	Development of Electronic Controller for Haptic Joystick and Electrohydraulic Drive. Advances in Intelligent Systems and Computing, 2017, , 67-75.	0.6	0