

Jakub Tomczyński

List of Publications by Year in descending order

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12
papers

91
citations

2682572

2
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	PUT-Hand – Hybrid Industrial and Biomimetic Gripper for Elastic Object Manipulation. Electronics (Switzerland), 2020, 9, 1147.	3.1	12
2	putEMG – A Surface Electromyography Hand Gesture Recognition Dataset. Sensors, 2019, 19, 3548.	3.8	50
3	Influence of sEMG electrode matrix configuration on hand gesture recognition performance. , 2017, , .		2
4	Localisation method for sEMG electrode array, towards hand gesture recognition HMI development. , 2017, , .		0
5	Towards sensor position-invariant hand gesture recognition using a mechanomyographic interface. , 2017, , .		6
6	Cross-Sensor Calibration Procedure for Magnetometer and Inertial Units. Advances in Intelligent Systems and Computing, 2017, , 450-459.	0.6	2
7	CIE-DataGlove, A Multi-IMU System for Hand Posture Tracking. Advances in Intelligent Systems and Computing, 2017, , 268-276.	0.6	2
8	EKF-based method for kinematic configuration estimation of finger-like structure using low grade multi-IMU system. , 2016, , .		4
9	IMU-BASED KINEMATIC CHAIN POSE ESTIMATION USING EXTENDED KALMAN FILTER. , 2016, , 331-338.		1
10	Hand gesture-based interface with multichannel sEMG band enabling unknown gesture discrimination. , 2015, , .		10
11	Surface Electromyography Amplifier with High Environmental Interference Resistance. Advances in Intelligent Systems and Computing, 2015, , 137-145.	0.6	2
12	CIE-Hand towards Prosthetic Limb. Advances in Intelligent Systems and Computing, 2015, , 275-284.	0.6	0