

Hussein F M Ali

List of Publications by Year in descending order

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19
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and control of a finger-like mechanism using bending shape memory alloys. <i>Microsystem Technologies</i> , 2021, 27, 2481-2492.	2.0	19
2	Novel artificial muscle using shape memory alloy spring bundles in honeycomb architecture in Bi-directions. <i>Microsystem Technologies</i> , 2022, 28, 2315-2324.	2.0	9
3	Design of a 2 DOF Shape Memory Alloy Actuator Using SMA Springs. , 2021, , .		6
4	Finger-Like Mechanism Using Bending Shape Memory Alloys. , 2020, , .		6
5	Comparative Study of Extended and Unscented Kalman Filters for Estimating Motion States of an Autonomous Vehicle-Trailer System. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 165-173.	0.4	5
6	Estimation of landmine characteristics in sandy desert using neural networks. <i>Neural Computing and Applications</i> , 2017, 28, 1801-1815.	5.6	4
7	State estimation and experimental verification of a robotic vehicle with six in-wheel drives using Kalman filter. <i>Microsystem Technologies</i> , 2021, 27, 2419-2432.	2.0	2
8	Modeling and control of two DOF shape memory alloy actuators with applications. <i>Microsystem Technologies</i> , 2022, 28, 2305-2314.	2.0	2
9	State Estimation of a Robotic Vehicle With Six In-Wheel Drives Using Kalman Filter. , 2020, , .		1