

Theme 1-5: Mechatronics and Control - 2020

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Supercapacitor characterization using universal adaptive stabilization and optimization	Mukhopadhyay, S. Dhaouadi, R. Takroui, M. Dogga, R.	IEEE Open Journal of the Industrial Electronics Society	1	1	166-183	Journal	Article	Gold Green
A double-side electrically-actuated arch microbeam for pressure sensing applications	Najar, F. Ghommem, M. Abdelkefi, A.	International Journal of Mechanical Sciences	178	-	-	Journal	Article	
Optimization of PID2-FLC for blood glucose level using particle swarm optimization with linearly decreasing weight	Jaradat, M.A. Sawaqed, L.S. Alzgool, M.M.	Biomedical Signal Processing and Control	59	-	-	Journal	Article	
A unified model for electrostatic sensors in fluid media	Ghommem, M. Najar, F. Arabi, M. Abdel-Rahman, E. Yavuz, M.	Nonlinear Dynamics	101	1	271-291	Journal	Article	
Co-simulation Study of a Two Wheeled Vehicle Equipped with an ABS System	Khadr, A. Houidi, A. Romdhane, L.	Lecture Notes in Mechanical Engineering	-	-	931-939	Book Series	Conference Paper	