Muhammed Arif Åžn

List of Publications by Year
in descending order

13 papers	**115** citations	1478505 **6** h-index	1588992 **8** g-index
13 all docs	**13** docs citations	**13** times ranked	**62** citing authors

#	Article	IF	Citations
1	Tuning of LQR controller for an experimental inverted pendulum system based on The Bees Algorithm. Journal of Vibroengineering, 2016, 18, 3684-3694.	1.0	21
2	Optimisation of a PID controller for a two-floor structure under earthquake excitation based on the bees algorithm. Journal of Low Frequency Noise Vibration and Active Control, 2018, 37, 107-127.	2.9	19
3	Optimal Tuning of a LQR Controller for an Inverted Pendulum Using the Bees Algorithm. Journal of Automation and Control Engineering, 2016, , 384-387.	0.3	13
4	Meta-Heuristic Tuning of the LQR Weighting Matrices Using Various Objective Functions on an Experimental Flexible Arm Under the Effects of Disturbance. Arabian Journal for Science and Engineering, 2021, 46, 7323-7336.	3.0	11
5	Optimisation of a PID Controller for an Inverted Pendulum Using the Bees Algorithm. Applied Mechanics and Materials, 0, 789-790, 1039-1044.	0.2	10
6	Adaptive Neural-Network Based Fuzzy Logic (ANFIS) Based Trajectory Controller Design for One Leg of a Quadruped Robot. , 2016, , .		10
7	The fuzzy logic-based modeling of a micro-scale sloped solar chimney power plant. Journal of Mechanical Science and Technology, 2021, 35, 1301-1308.	1.5	9
8	Performances Comparison of The Bees Algorithm and Genetic Algorithm for PID Controller Tuning. , 2016, , .		7
9	Heuristic optimization of impeller sidewall gaps-based on the bees algorithm for a centrifugal blood pump by CFD. International Journal of Artificial Organs, 2021, 44, 765-772.	1.4	6
10	DÃ¶rt AyaklÄ± Robotlar iÃ§in ÃœÃ§ Serbestlik Dereceli Bacak TasarÄ±mÄ± ve Kesir Dereceli PID (PIÎ»DÎ¼) TabanlÄ± KontrolÃ¼. Konya Journal of Engineering Sciences, 2020, 8, 237-247.	0.3	4
11	Fuzzy-based modeling and speed optimization of a centrifugal blood pump using a modified and constrained Bees algorithm. Computer Methods and Programs in Biomedicine, 2022, 221, 106867.	4.7	4
12	Numerical investigation and experimental verification of the proposed robot leg virtual model. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622210767.	2.1	1
13	DÃ–RT AYAKLI ROBOTLARIN MODELLENMESÄ°, KONTROLÃœ VE ENGEBELÄ° YÃœZEYLERDE YÃœRÃœYÃœÅžÃœ ÃœZERÄ°NE BÄ°R LÄ°TERATÃœR ARAÅžTIRMASI. Konya Journal of Engineering Sciences, 2021, 9, 250-279.	0.3	0