Lale Canan Dulger

List of Publications by Year
in descending order

21 papers	357 citations	1163117 8 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	231 citing authors

#	Article	IF	Citations
1	A New Artificial Neural Network Approach in Solving Inverse Kinematics of Robotic Arm (Denso) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	93
2	Mathematical modelling, simulation and experimental verification of a scara robot. Simulation Modelling Practice and Theory, 2005, 13, 257-271.	3.8	59
3	Modeling and simulation of a hybrid actuator. Mechanism and Machine Theory, 2003, 38, 395-407.	4.5	33
4	Signature verification (SV) toolbox: Application of PSO-NN. Engineering Applications of Artificial Intelligence, 2009, 22, 688-694.	8.1	31
5	Mechanisms, classifications, and applications of servo presses: A review with comparisons. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 1177-1194.	2.4	23
6	Modeling, design, and implementation of a servo press for metal-forming application. International Journal of Advanced Manufacturing Technology, 2017, 91, 2689-2700.	3.0	23
7	Improvement of metal forming quality by motion design. Robotics and Computer-Integrated Manufacturing, 2018, 51, 112-120.	9.9	18
8	Structural design and analysis of a servo crank press. Engineering Science and Technology, an International Journal, 2016, 19, 2060-2072.	3.2	15
9	Off-line signature verification with PSO-NN algorithm. , 2007, , .		11
10	Motion Control and Implementation for an AC Servomotor System. Modelling and Simulation in Engineering, 2007, 2007, 1-6.	0.7	8
11	Online teaching of robotic arm by human–robot interaction: end effector force/torque sensing. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	8
12	An automation system for data processing and motion generation. , 2017, , .		6
13	Application of Neural Networks (NNs) for Fabric Defect Classification. , 2016, , .		5
14	Robotic arm dynamic and simulation with Virtual Reality Model (VRM). , 2016, , .		5
15	A hybrid press system: Motion design and inverse kinematics issues. Engineering Science and Technology, an International Journal, 2016, 19, 846-856.	3.2	5
16	Robotic applications with Particle Swarm Optimization (PSO). , 2013, , .		4
17	Hybrid Seven-bar Press Mechanism. TehniÄ�ki Glasnik, 2018, 12, 181-187.	0.7	4
18	Off-line Signature Verification (SV) using the Chi-square statistics. International Journal of Biometrics, 2011, 3, 2.	0.4	3

#	Article	IF	Citations
19	A Study of Weaving â€˜Turkish Knotsâ€™ in Handmade Carpets with an Electromechanical System. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2005, 219, 343-347.	1.0	2
20	Design and Simulation of Beat Up Mechanism: Handmade Carpet Looms. , 2022, , .		1
21	A Simulation Tool for Kinematics Analysis of a Serial Robot. Lecture Notes in Mechanical Engineering, 2020, , 592-601.	0.4	0