

Sadettin Kapucu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

308
citations

1163117

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all docs

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docs citations

19
times ranked

263
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 10	1.7	93
2	Colloidal stability and rheological properties of sesame paste. Journal of Food Engineering, 2008, 87, 428-435.	5.2	64
3	Hybrid input shaping to suppress residual vibration of flexible systems. JVC/Journal of Vibration and Control, 2012, 18, 132-140.	2.6	29
4	Residual swing/vibration reduction using a hybrid input shaping method. Mechanism and Machine Theory, 2001, 36, 311-326.	4.5	26
5	On preshaped reference inputs to reduce swing of suspended objects transported with robot manipulators. Mechatronics, 2000, 10, 609-626.	3.3	17
6	Suppression of residual vibration of a translatingâ€“swinging load by a flexible manipulator. Mechatronics, 2008, 18, 121-128.	3.3	17
7	Swing-free transportation of suspended objects with robot manipulators. Robotica, 1999, 17, 513-521.	1.9	13
8	Robotics and servo press control applications: Experimental implementations. , 2016, , .		8
9	Online teaching of robotic arm by humanâ€“robot interaction: end effector force/torque sensing. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	8
10	A robust motion design technique for flexible-jointed manipulation systems. Robotica, 2006, 24, 95-103.	1.9	7
11	Mechatronic design and genetic-algorithm-based MIMO fuzzy control of adjustable-stiffness tendon-driven robot finger. Mechanical Sciences, 2018, 9, 277-296.	1.0	6
12	An Enhanced Control Technique for the Elimination of Residual Vibrations in Flexible-Joint Manipulators. Strojniski Vestnik/Journal of Mechanical Engineering, 2014, 60, 592-599.	1.1	5
13	Robotic arm dynamic and simulation with Virtual Reality Model (VRM). , 2016, , .		5
14	Optimal control of compliant planar robot for safe impact using steepest descent technique. , 2019, , .		4
15	MODÃœLER YENÃœDEN YAPILANDIRILABÃœLÃœR ROBOT MODÃœLÃœ OMNIMOâ€™NUN TASARIMI VE ÃœRETÃœMÃœ. Journal of the Faculty of Engineering and Architecture of Gazi University, 2016, 31, .	0.8	3
16	Comparison of Robust Input Shapers for Elimination of Residual Vibrations. Applied Mechanics and Materials, 0, 490-491, 997-1002.	0.2	2
17	On the identification of linear mechanical systems. Mechatronics, 1997, 7, 297-313.	3.3	1
18	Surgical operation simulation based on virtual reality. , 2016, , .		0

ARTICLE

IF

CITATIONS

19

DARBE GENİŞLİK MODASYONU İLE SÄRÄLEN SÄSTEMLERE GÄRDÄ EKÄLLENDÄRME TEKNÄÄNÄN UYGULAMA
Journal of Engineering Sciences, 0, 7, 887-894.