Nahla Khraief ep Haddad

List of Publications by Year
in descending order

13 papers	267 citations	1307594 7 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	108 citing authors

#	Article	IF	Citations
1	Chaos control in passive walking dynamics of a compass-gait model. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 2048-2065.	3.3	61
2	OGY-based control of chaos in semi-passive dynamic walking of a torso-driven biped robot. Nonlinear Dynamics, 2015, 79, 1363-1384.	5.2	56
3	Period-three route to chaos induced by a cyclic-fold bifurcation in passive dynamic walking of a compass-gait biped robot. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 4356-4372.	3.3	53
4	Self-generated limit cycle tracking of the underactuated inertia wheel inverted pendulum under IDA-PBC. Nonlinear Dynamics, 2017, 89, 2195-2226.	5.2	30
5	CYCLIC-FOLD BIFURCATION AND BOUNDARY CRISIS IN DYNAMIC WALKING OF BIPED ROBOTS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250257.	1.7	26
6	Trajectory Generation using Predictive PID Control for Stable Walking Humanoid Robot. Procedia Computer Science, 2015, 73, 86-93.	2.0	13
7	Complex walking behaviours, chaos and bifurcations of a simple passive compass-gait biped model suffering from leg length asymmetry. International Journal of Simulation and Process Modelling, 2018, 13, 446.	0.2	9
8	Further Investigation of the Period-Three Route to Chaos in the Passive Compass-Gait Biped Model. Advances in Computational Intelligence and Robotics Book Series, 2015, , 279-300.	0.4	7
9	Stability study and robustness analysis of an exoskeleton-upper limb system. , 2021, , .		4
10	Chaos Control of an Impact Mechanical Oscillator Based on the OGY Method. Advances in Computational Intelligence and Robotics Book Series, 2015, , 259-278.	0.4	4
11	Robust Control of a Robotic Manipulator Using LMI-Based High-Gain State and Disturbance Observers. , 2018, , .		3
12	Predictive PID Control Based on GPC Control of Inverted Pendulum. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 4319-4326.	0.1	1
13	Dynamic walking control by using the liquid level model and the preview of zero-moment-point. , 2013, , .		0