Claudio Gaz

List of Publications by Year in descending order

13 papers	345 citations	1684129 5 h-index	1588975 8 g-index
13 all docs	13 docs citations	13 times ranked	361 citing authors

#	Article	IF	Citations
1	Dynamic Identification of the Franka Emika Panda Robot With Retrieval of Feasible Parameters Using Penalty-Based Optimization. IEEE Robotics and Automation Letters, 2019, 4, 4147-4154.	5.1	151
2	A model-based residual approach for human-robot collaboration during manual polishing operations. Mechatronics, 2018, 55, 234-247.	3.3	63
3	Identifying the dynamic model used by the KUKA LWR: A reverse engineering approach. , 2014, , .		59
4	Extracting feasible robot parameters from dynamic coefficients using nonlinear optimization methods. , 2016, , .		30
5	A geometrical approach to the PKPD modelling of inhaled bronchodilators. Journal of Pharmacokinetics and Pharmacodynamics, 2012, 39, 415-428.	1.8	13
6	A Unifying Organ Model of Pancreatic Insulin Secretion. PLoS ONE, 2015, 10, e0142344.	2.5	12
7	Online Needle-Tissue Interaction Model Identification for Force Feedback Enhancement in Robot-Assisted Interventional Procedures. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 936-947.	3.2	6
8	An islet population model of pancreatic insulin production. , 2013, , .		3
9	Consistency of compact and extended models of glucose-insulin homeostasis: The role of variable pancreatic reserve. PLoS ONE, 2019, 14, e0211331.	2.5	3
10	Effective Control of Glycemia using a Simple Discrete-delay Model. IFAC-PapersOnLine, 2017, 50, 13526-13531.	0.9	2
11	Kinematic Control of Redundant Robots With Online Handling of Variable Generalized Hard Constraints. IEEE Robotics and Automation Letters, 2022, 7, 9279-9286.	5.1	2
12	Modelling and Simulation for Major Incidents. , 2015, , .		1
13	Simulation of Trauma Incidents. Journal of Medical Systems, 2016, 40, 234.	3.6	0