

Salah Bazzi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

118
citations

1684188

5
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and predictability in human control of complex objects. Chaos, 2018, 28, 103103.	2.5	23
2	A novel method for modeling skidding for systems with nonholonomic constraints. Nonlinear Dynamics, 2014, 76, 1517-1528.	5.2	21
3	Human control of complex objects: towards more dexterous robots. Advanced Robotics, 2020, 34, 1137-1155.	1.8	13
4	Preparing to move: Setting initial conditions to simplify interactions with complex objects. PLoS Computational Biology, 2021, 17, e1009597.	3.2	12
5	Robustness in Human Manipulation of Dynamically Complex Objects Through Control Contraction Metrics. IEEE Robotics and Automation Letters, 2020, 5, 2578-2585.	5.1	11
6	Stability and Predictability in Dynamically Complex Physical Interactions. , 2018, 2018, 5540-5545.		8
7	Dynamic Primitives in Human Manipulation of Non-Rigid Objects. , 2019, , .		8
8	Transient Behavior and Predictability in Manipulating Complex Objects. , 2020, , .		7
9	Motion analysis of two-link nonholonomic swimmers. Nonlinear Dynamics, 2017, 89, 2739-2751.	5.2	4
10	Novel modeling of skidding effects on the nonholonomic motion of a vertical rolling disk. , 2013, , .		3
11	Novel three-dimensional optimal path planning method for vehicles with constrained pitch and yaw. Robotica, 2017, 35, 2157-2176.	1.9	3
12	Dynamic Primitives and Optimal Feedback Control for the Manipulation of Complex Objects. , 2021, , .		3
13	Relaxing Nonholonomic Constraints to Eliminate Chattering From Time-Optimal Control Solutions. IEEE Robotics and Automation Letters, 2017, 2, 1817-1824.	5.1	2
14	Dynamic analysis of an angular swivel steering mechanism with applications to step climbing. , 2014, , .		0
15	Relaxing nonholonomic constraints: Towards continuous-curvature Dubins paths. , 2015, , .		0
16	Planar time-optimal paths for asymmetric vehicles in constant flows. International Journal of Robotics Research, 2018, 37, 1168-1183.	8.5	0