

Ashutosh Simha

List of Publications by Year in descending order

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2258059

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33
citing authors

#	ARTICLE	IF	CITATIONS
1	Accessibility and System Reduction of Nonlinear Time-Delay Control Systems. IEEE Transactions on Automatic Control, 2021, 66, 3781-3788.	5.7	9
2	Structure preserving reduced attitude control of gyroscopes. Automatica, 2021, 125, 109471.	5.0	1
3	Hermes - Wind Energy Harvesting Wireless System for Sensing AoA and Wind Speed. IEEE Robotics and Automation Letters, 2021, 6, 7097-7104.	5.1	3
4	A Flapped Paddle-Fin for Improving Underwater Propulsive Efficiency of Oscillatory Actuation. IEEE Robotics and Automation Letters, 2020, 5, 3176-3181.	5.1	12
5	Event-Based Control for Differentially Flat Systems: Application to Autonomous Underwater Vehicle. IFAC-PapersOnLine, 2019, 52, 180-185.	0.9	1
6	Adaptive Control Based Harvesting Strategy for a Predator-Prey Dynamical System. Acta Biotheoretica, 2018, 66, 293-313.	1.5	3
7	Almost-Global Exponential Tracking of a Variable Pitch Quadrotor on SE(3). IFAC-PapersOnLine, 2017, 50, 10268-10273.	0.9	5
8	Geometric Methods in Analysis and Control of Implicit Differential Systems. Journal of the Indian Institute of Science, 2017, 97, 391-411.	1.9	0
9	Adaptive attitude control of the spherical drone on SO(3). , 2016, , .		6
10	Control of a 3-D solid tumor model using optimal dynamic inversion. , 2016, , .		1
11	A New Philosophy in Adaptive Control Design for Robust Attitude Maneuver of Spacecrafts. IFAC-PapersOnLine, 2016, 49, 682-687.	0.9	0