

Indrani Kar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

284
citations

1307594

7
h-index

1281871

11
g-index

21
all docs

21
docs citations

21
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	A priority-driven optimal guidance approach to moving target tracking for safe navigation in a narrow space. International Journal of Systems Science, 2022, 53, 138-153.	5.5	1
2	Validating observer based on-line slip estimation for improved navigation by a mobile robot. International Journal of Intelligent Robotics and Applications, 2022, 6, 564-575.	2.8	4
3	Nonlinear disturbance observer based geometric control of quadrotors. Asian Journal of Control, 2021, 23, 1936-1951.	3.0	10
4	Adaptive geometric control of quadrotors with dynamic offset between center of gravity and geometric center. Asian Journal of Control, 2021, 23, 1923-1935.	3.0	7
5	Control of a quadrotor with network induced time delay. ISA Transactions, 2021, 111, 132-143.	5.7	12
6	Almost global attitude consensus of multi-agent rigid bodies on $\mathbb{SO}(3)^N$ in the presence of disturbances and directed topology. Nonlinear Dynamics, 2021, 104, 3617-3631.	5.2	4
7	Finite Time Disturbance Observer Based Geometric Control of Quadrotors. IFAC-PapersOnLine, 2020, 53, 295-300.	0.9	9
8	Adaptive Compensation of Actuator Failures using Multiple Models. IFAC-PapersOnLine, 2017, 50, 10350-10356.	0.9	5
9	Control of twin-rotor MIMO system using multiple models with second level adaptation. IFAC-PapersOnLine, 2016, 49, 676-681.	0.9	8
10	Multiple models and second level adaptation for a class of nonlinear systems with nonlinear parameterization. , 2014, , .		8
11	A Multi Charging Station for Electric Vehicles and Its Utilization for Load Management and the Grid Support. IEEE Transactions on Smart Grid, 2013, 4, 1026-1037.	9.0	123
12	T-S fuzzy model based controller and observer design for a Twin Rotor MIMO System. , 2013, , .		13
13	Sliding mode controller design for Twin Rotor MIMO system with a nonlinear state observer. , 2013, , .		28
14	Coordination of Electric Vehicles in charging stations connected at different nodes of a distribution substation. , 2012, , .		2
15	A model of Electric Vehicle charging station compatibles with Vehicle to Grid scenario. , 2012, , .		5
16	Direct Adaptive Neural Control Scheme for Discrete Time Affine Nonlinear Systems. , 2008, , .		1
17	Visual motor control of a 6 DOF robot manipulator using a fuzzy learning paradigm. , 2008, , .		2
18	Neural network based direct adaptive control for a class of affine nonlinear systems. , 2006, , .		3

#	ARTICLE	IF	CITATIONS
19	A Recurrent Quantum Neural Network Model to Describe Eye Tracking of Moving Targets. Foundations of Physics Letters, 2005, 18, 357-370.	0.6	32
20	On Identification and Stabilization of nonlinear plants using Fuzzy Neural Network. , 0, , .		1
21	Quantum Stochastic Filtering. , 0, , .		6