

Krishna Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

250
citations

1478505

6
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Diagnosis and Prognosis for Satellite Formation Flying: A Survey. IEEE Access, 2022, 10, 26426-26442.	4.2	5
2	Reinforcement learning-based optimal fault-tolerant control for offshore platforms. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2022, 236, 1187-1196.	1.0	0
3	Investigating the Effect of Event-triggered Control and Nonlinear Actuator Dynamics on Spacecraft Attitude Stabilization. , 2022, , .		0
4	Fault-tolerant Consensus Control for Hybrid Multi-agent Systems. , 2022, , .		1
5	Data-Driven Fault Diagnosis for Satellite Control Moment Gyro Assembly with Multiple In-Phase Faults. Electronics (Switzerland), 2021, 10, 1537.	3.1	7
6	An Optimized Support Vector Regression for Identification of In-phase Faults in Control Moment Gyroscope Assembly. , 2021, , .		2
7	Precise power descent control of a lunar lander using a single thruster. Acta Astronautica, 2021, 186, 473-485.	3.2	2
8	Deep Learning Transforming the Manufacturing Industry: A Case Study. , 2021, , .		3
9	Fault detection and isolation of control moment gyros for satellite attitude control subsystem. Mechanical Systems and Signal Processing, 2020, 135, 106419.	8.0	33
10	Fault isolation of reaction wheels onboard three-axis controlled in-orbit satellite using ensemble machine learning. Aerospace Systems, 2020, 3, 119-126.	1.4	9
11	Fault Diagnosis of Control Moment Gyroscope Using Optimized Support Vector Machine. , 2020, , .		5
12	Coulomb tether double-pyramid formation, a potential configuration for geostationary satellite collocation. Aerospace Science and Technology, 2019, 84, 1131-1140.	4.8	16
13	Fault estimation of satellite reaction wheels using covariance based adaptive unscented Kalman filter. Acta Astronautica, 2017, 134, 159-169.	3.2	71
14	Enhanced adaptive unscented Kalman filter for reaction wheels. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1568-1575.	4.7	18
15	Particle Swarm Optimization Applied to Spacecraft Reentry Trajectory. Journal of Guidance, Control, and Dynamics, 2013, 36, 307-310.	2.8	76
16	Formation control of spacecraft flying with network-induced delays and packet dropouts. , 2010, , .		2