

Karmvir Singh Phogat

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

92
citations

1478505

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1588992

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11
all docs

11
docs citations

11
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrete-Time Optimal Attitude Control of a Spacecraft with Momentum and Control Constraints. Journal of Guidance, Control, and Dynamics, 2018, 41, 199-211.	2.8	19
2	A discrete-time Pontryagin maximum principle on matrix Lie groups. Automatica, 2018, 97, 376-391.	5.0	19
3	Invariant extended Kalman filter on matrix Lie groups. Automatica, 2020, 114, 108812.	5.0	18
4	Structure-Preserving Constrained Optimal Trajectory Planning of a Wheeled Inverted Pendulum. IEEE Transactions on Robotics, 2020, 36, 910-923.	10.3	13
5	Discrete-time invariant extended Kalman filter on matrix Lie groups. International Journal of Robust and Nonlinear Control, 2020, 30, 4449-4462.	3.7	8
6	Model Predictive Tracking Control for Invariant Systems on Matrix Lie Groups via Stable Embedding Into Euclidean Spaces. IEEE Transactions on Automatic Control, 2020, 65, 3191-3198.	5.7	8
7	A frequency-constrained geometric Pontryagin maximum principle on matrix Lie groups. , 2018, , .		3
8	Tracking Controller Design for Satellite Attitude Under Unknown Constant Disturbance Using Stable Embedding. Journal of Electrical Engineering and Technology, 2021, 16, 1089-1097.	2.0	2
9	Exact Isoholonomic Motion of the Planar Purcell's Swimmer. IEEE Transactions on Automatic Control, 2022, 67, 429-435.	5.7	2
10	A geometric approach to single axis time-optimal attitude manoeuvres. , 2015, , .		0
11	A frequency-constrained geometric Pontryagin maximum principle on matrix Lie groups. International Journal of Robust and Nonlinear Control, 2020, 30, 6281-6297.	3.7	0