Abhishek Goud Pandala

List of Publications by Year
in descending order

11	251	6	7
papers	citations	h-index	g-index

11	11	11	89
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust Stabilization of Periodic Gaits for Quadrupedal Locomotion via QP-Based Virtual Constraint Controllers. , 2022, 6, 1736-1741.		9
2	Robust Predictive Control for Quadrupedal Locomotion: Learning to Close the Gap Between Reduced- and Full-Order Models. IEEE Robotics and Automation Letters, 2022, 7, 6622-6629.	5.1	8
3	Real-Time Planning and Nonlinear Control for Quadrupedal Locomotion With Articulated Tails. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2021, 143, .	1.6	5
4	Representation-Free Model Predictive Control for Dynamic Motions in Quadrupeds. IEEE Transactions on Robotics, 2021, 37, 1154-1171.	10.3	79
5	Distributed Feedback Controllers for Stable Cooperative Locomotion of Quadrupedal Robots: A Virtual Constraint Approach. , 2020, , .		3
6	Quadrupedal Locomotion via Event-Based Predictive Control and QP-Based Virtual Constraints. IEEE Robotics and Automation Letters, 2020, 5, 4463-4470.	5.1	28
7	Decentralized Control Schemes for Stable Quadrupedal Locomotion: A Decomposition Approach from Centralized Controllers. , 2020, , .		4
8	Real-time Model Predictive Control for Versatile Dynamic Motions in Quadrupedal Robots. , 2019, , .		54
9	qpSWIFT: A Real-Time Sparse Quadratic Program Solver for Robotic Applications. IEEE Robotics and Automation Letters, 2019, 4, 3355-3362.	5.1	41
10	Numerical Modelling Methods for Ultrasonic Wave Propagation Through Polycrystalline Materials. Transactions of the Indian Institute of Metals, 2019, 72, 2923-2932.	1.5	8
11	Wave localized finite-difference-time-domain modelling of scattering of elastic waves within a polycrystalline material. Journal of the Acoustical Society of America, 2018, 144, 3313-3326.	1.1	12