

Chao Shen

List of Publications by Year in descending order

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11
papers

1,124
citations

1306789

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1719596

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11
docs citations

11
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Lyapunov-Based Model Predictive Formation Tracking Control for Autonomous Underwater Vehicles Subject to Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5198-5208.	5.9	86
2	Distributed implementation of nonlinear model predictive control for AUV trajectory tracking. Automatica, 2020, 115, 108863.	3.0	93
3	Path-Following Control of an AUV: A Multiobjective Model Predictive Control Approach. IEEE Transactions on Control Systems Technology, 2019, 27, 1334-1342.	3.2	105
4	Trajectory Tracking Control of an Autonomous Underwater Vehicle Using Lyapunov-Based Model Predictive Control. IEEE Transactions on Industrial Electronics, 2018, 65, 5796-5805.	5.2	319
5	Advanced Control in Marine Mechatronic Systems: A Survey. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1121-1131.	3.7	202
6	Modified C/GMRES Algorithm for Fast Nonlinear Model Predictive Tracking Control of AUVs. IEEE Transactions on Control Systems Technology, 2017, 25, 1896-1904.	3.2	97
7	Integrated Path Planning and Tracking Control of an AUV: A Unified Receding Horizon Optimization Approach. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1163-1173.	3.7	164
8	Lyapunov-based model predictive control for dynamic positioning of autonomous underwater vehicles. , 2017, , .		12
9	Nonlinear model predictive control for trajectory tracking of an AUV: A distributed implementation. , 2016, , .		21
10	Path-following control of an AUV using multi-objective model predictive control. , 2016, , .		7
11	Model predictive control for an AUV with dynamic path planning. , 2015, , .		18