

# Chao Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9167070/publications.pdf>

Version: 2024-02-01

11  
papers

1,124  
citations

1307594

7  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trajectory Tracking Control of an Autonomous Underwater Vehicle Using Lyapunov-Based Model Predictive Control. IEEE Transactions on Industrial Electronics, 2018, 65, 5796-5805.	7.9	319
2	Advanced Control in Marine Mechatronic Systems: A Survey. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1121-1131.	5.8	202
3	Integrated Path Planning and Tracking Control of an AUV: A Unified Receding Horizon Optimization Approach. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1163-1173.	5.8	164
4	Path-Following Control of an AUV: A Multiobjective Model Predictive Control Approach. IEEE Transactions on Control Systems Technology, 2019, 27, 1334-1342.	5.2	105
5	Modified C/GMRES Algorithm for Fast Nonlinear Model Predictive Tracking Control of AUVs. IEEE Transactions on Control Systems Technology, 2017, 25, 1896-1904.	5.2	97
6	Distributed implementation of nonlinear model predictive control for AUV trajectory tracking. Automatica, 2020, 115, 108863.	5.0	93
7	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.	9.3	86
8	Nonlinear model predictive control for trajectory tracking of an AUV: A distributed implementation. , 2016, , .		21
9	Model predictive control for an AUV with dynamic path planning. , 2015, , .		18
10	Lyapunov-based model predictive control for dynamic positioning of autonomous underwater vehicles. , 2017, , .		12
11	Path-following control of an AUV using multi-objective model predictive control. , 2016, , .		7