

# Zhiquan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6239031/publications.pdf>

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docs citations

11  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ship Adaptive Course Keeping Control With Nonlinear Disturbance Observer. IEEE Access, 2017, 5, 17567-17575.	2.6	40
2	Extended radiated energy method and its application to a ship roll stabilisation control system. Ocean Engineering, 2013, 72, 25-30.	1.9	30
3	Practical backstepping control for underactuated ship path following associated with disturbances. IET Intelligent Transport Systems, 2019, 13, 834-840.	1.7	23
4	Ship forward speed loss minimization using nonlinear course keeping and roll motion controllers. Ocean Engineering, 2016, 113, 201-207.	1.9	19
5	Adaptive extended state observer based heading control for surface ships associated with sideslip compensation. Applied Ocean Research, 2021, 110, 102605.	1.8	19
6	Improved ELOS based path following control for underactuated surface vessels with roll constraint. Ocean Engineering, 2022, 245, 110348.	1.9	16
7	Robust adaptive heading control for a surface vessel with drift angles. Ocean Engineering, 2020, 205, 107310.	1.9	13
8	Ship course keeping using eigenvalue decomposition adaptive sliding mode control. , 2016, , .		4
9	Ship Heading Control with Speed Keeping via a Nonlinear Disturbance Observer. Journal of Navigation, 2019, 72, 1035-1052.	1.0	4
10	Set-membership filtering for automatic guided vehicles with unknown-but-bounded noises. Transactions of the Institute of Measurement and Control, 2022, 44, 716-725.	1.1	4
11	Ship Course Keeping Using Different Sliding Mode Controllers. Transactions of Famena, 2019, 43, 49-60.	0.3	2