

出版日期	著作類別	期刊論文名稱	作者	收錄出處
2019-6	期刊論文	THE EFFECT OF HYDRO-METEOROLOGY ON SHIP COLLISION AVOIDANCE IN HEAVY TRAFFIC AREAS WITH A SIMPLIFIED SIMULATION MODEL	Ming-Chung Fang, Kun-Yuan Tsai, and Chih-Chung Fang	Journal of Marine Science and Technology
2019-1	期刊論文	Vertical Obstacle Avoidance and Navigation of Autonomous Underwater Vehicles with H^∞ Controller and the Artificial Potential Field Method	Wang, Shun-Ming, Fang, Ming-Chung and Cheng-Neng Hwang,	Journal of Navigation
2018-11	期刊論文	風浪因子對船舶避碰操縱影響之研究	方銘川, 蔡坤遠	中國造船暨輪機工程學刊
2018-7	期刊論文	A Simplified Simulation Model of the Ship Navigation for Safety and Collision Avoidance in Traffic Area	Fang Ming-Chung, Tsai Kun-Yuan and Fang Chih-Chung	Journal of Navigation
2017-7	期刊論文	Applying the Stereo-Vision Detection Technique to the Development of Underwater Inspection Task with PSO-Based Dynamic Routing Algorithm for Autonomous Underwater Vehicles	Lin, Yu-Hsien, Wang, Shun-Ming, Huang, Lin-Chin, Fang, Ming-Chung	Ocean Engineering
2016-11	期刊論文	The Study on The Sail-Assisted Ship with Automatic Steering Control	Fang, Ming-Chung, Lee, Z.-Y. and Syu, Y. C.	Journal of Taiwan Society of Naval Architects and Marine Engineers
2016-5	期刊論文	Wave Effect on Depth-control Motions of a Submarine Near the Free Surface	Chang, J. P. and Fang, Ming-Chung	Journal of Taiwan Society of Naval Architects and Marine Engineers
2016-1	期刊論文	The Application of Neuro-Fuzzy Algorithm to Portable Dynamic Positioning Control System for Ships	Fang, Ming-Chung and Lee, Zi-Yi	International Journal of Naval Architecture and Ocean Engineering
2015-9	期刊論文	An alternative portable dynamic positioning system on a barge in short-crested waves using the fuzzy control	Fang, Ming-Chung and Lee, Zi-Yi	Journal of Ocean System Engineering
2015-2	期刊論文	The Analysis on the Hydrodynamic Coefficients of the Heaving Floating Body Using the Two Dimensional High Order Panel Method	Fang, Ming-Chung, Chen, Chung-Fan Chen and Wu, Chun-Hsien	中國造船暨輪機工程學刊 Journal of Taiwan Society of Naval Architects and Marine Engineers
2015-2	期刊論文	The Optimization of Ship Weather-Routing Algorithm based on the Composite Influence of Multi-Dynamic Elements (II): Optimized Routings	Fang, Ming-Chung and Lin, Yu-Hsien	Applied Ocean Research
2015-1	期刊論文	Applying the self-tuning fuzzy control with the image detection technique on the obstacle-avoidance for autonomous underwater vehicles	Fang Ming-Chung, Wang Shun-Ming, Wu Mu-Chen, Lin Yu-Hsien	Ocean Engineering
2014-8	期刊論文	APPLYING THE OPTIMIZED PD CONTROLLER TO THE TOWING SYSTEM IN WAVES	M.C. Fang, Y.H. Lin, Y.C. Kao	中國造船暨輪機工程學刊 Journal of Taiwan Society of Naval Architects and Marine Engineers
2014-5	期刊論文	穿浪型雙體船在縱波中運動之時程模擬	方銘川, 顏守平, 李子宜	中國造船暨輪機工程學刊 Journal of Taiwan Society of Naval Architects and Marine Engineers
2014-1	期刊論文	我國海事調查制度之改善研究	方銘川林忠宏,等七人	船舶科技
2013-10	期刊論文	The Optimization of Ship Weather-Routing Algorithm based on the Composite Influence of Multidynamic Elements	Lin, Yu-Hsien and Fang, Ming-Chung, Ronald W. Yeung,	Applied Ocean Research
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2013-5	期刊論文	Underwater positioning by kernel principal component analysis based probabilistic approach	Sheng-Chih Chan, Kun-Chou Lee, Tsung-Nan Lin, Fang, Ming-Chung	Applied Acoustics
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2012-8	期刊論文	The Research on the New Technique of Harvesting Wave Energy Based on the Ship Motions	Shiang-Chi Yang and Fang Ming-Chung *	中國造船暨輪機工程學刊 Journal of Taiwan Society of Naval Architects and Marine Engineers(in Chinese)
2012-3	期刊論文	國內航線船舶安全管理制度案例試辦與成果探討(II)	方銘川黃正清,等七人	船舶科技
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2011-8	期刊論文	The Numerical Simulation of Storm-Surge and Coastal Flooding in Western Taiwan: A Case Study of 2007 Typhoon SEPAT	Lin, Yu-Hsien, Hwung, H. H. and Fang, Ming-Chung	Journal of Shipping and Ocean Engineering
2011-4	期刊論文	Rapid development of AUV system based on real-time and FPGA frame	Fang, Ming-Chung and Wang, Shun-Min	2011 IEEE Symposium on and 2011 Workshop on Scientific Use of Submarine Cables and Related Technologies (SSC), Tokyo, Japan
2011-3	期刊論文	Kelvin ship wake in the wind waves field and on the finite sea depth	Fang, Ming-Chung, Yang, R.T. and Shugan, Igor V.	Journal of Mechanics
2011-3	期刊論文	國內航線船舶安全管理制度案例試辦與成果探討(I)	方銘川黃正清,等九人	船舶科技
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2010-6	期刊論文	The Analysis of the Effect on the Energy-saving and Fish Catches using Installing the LED lamp on the fishing Boat	Fang, Ming-Chung, Shen, Sheng-Chih, Chau, Sheng-Wei	Taiwan Fisheries Associate. ISSN 0529-6471
2010-5	期刊論文	The Application of the self-tuning Neural Network PID controller on the Ship Roll Reduction in Random Waves	Fang, Ming-Chung*, Zhuo, Young-Zoung	Ocean Engineering
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2009-12	期刊論文	The Prediction of the Added Resistance for the Trimaran Ship with different side hull arrangements in waves	Fang, Ming-Chung, Wu, Yi-Chin, Hu, Deng-Kai and Lee, Zi-Yi	Journal of Ship Research
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2005-11	期刊論文	On the Ship Roll Reduction by Using the Sliding Mode Control with Genetic Algorithm” Journal of the Society of Naval Architects and Marine Engineers	Fang, Ming-Chung, Lee, Min-Ling and Luo, Jhih-Hong	Journal of the Society of Naval Architects and Marine Engineers
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2001-6	期刊論文	A Hydrodynamic Model for Simulating SWATH Ship Motions with Fuzzy Control	Fang, Ming-Chung and Chiou, Shan-Chin	International Shipbuilding Progress
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1991-3	期刊論文	The Roll Reduction of Ship by Rudder Control in Wave	Fang, Ming-Chung	The Journal of NCKU
1990-8	期刊論文	The Lateral Drifting Forces and Moments on Two Ships in Proximity in Waves	Fang, Ming-Chung, Kim, C.H	Trans. of ASME Journal of Offshore Mechanics and Arctic Engineering
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1988-7	期刊論文	The Lateral Drifting Forces for A SWATH Ship in Waves	Fang, Ming-Chung	International Shipbuilding Progress
1988-4	期刊論文	省能源之改良型漁筏	方銘川,張啟伸,周顯倫	能源季刊(energy quarterly)
1987-11	期刊論文	The Hydrodynamic Forces for a SWATH Ship Advancing in Waves	Fang, Ming-Chung	Journal of SNAME
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