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2018-6	期刊論文	Evaluation of a Distributed Photovoltaic System in Grid-Connected and Standalone Applications by Different MPPT Algorithms	Chao, R.-M.; Ko, S.-H.; Lin, H.-K.; Wang, I.-K.	Energies,
2017-	期刊論文	Solar powered boat design optimization	A. Nasirudin, R.M. Chao and IKAP Utama	Procedia Engineering
2016-7	期刊論文	Multicore PSO Operation for Maximum Power Point Tracking of a Distributed Photovoltaic System under Partially Shading condition	Ru-Min Chao, Ahmad Nasirudin, I-Kai Wang , Po-Lung Chen	International Journal of Photoenergy
2014-6	期刊論文	應用粒子群演算法於分散式太陽能發電之全域最大功率追蹤技術	趙儒民、陳柏龍、羅晨峰、Ahmad Nasirudin	太陽能及新能源期刊 Journal of Solar and New Energy
2013-9	期刊論文	Evaluation of a FPGA controlled distributed PV system under partial shading condition	Ru-Min Chao, Shih-Hung Ko, and Po-Lung Chen	Advances in Energy Research,
2012-4	期刊論文	Photovoltaic dynamic MPPT on a moving vehicle	S. H. Ko and R. M. Chao	Solar Energy
2012-3	期刊論文	Design and Fabrication of Single-Walled Carbon Nanonet Flexible Strain Sensors	Ya-Ting Huang, Shyh-Chour Huang, Chih-Chao Hsu, Ru-Min Chao and Trung	Sensors
2011-7	期刊論文	A simplified signal analysis algorithm for the development of a low cost underwater echo-sounder	S C Lou, R M Chao*, S H Ko, K M Lin and J X Zhong	Measurement
2011-7	期刊論文	Evaluation of the gauge factor for single-walled carbon nanonets on the flexible plastic	C C Hsu*, R M Chao, C W Liu and S Y Liang	J. Micromech. Microeng.
2010-11	期刊論文	Performance Evaluation of Parabolic Prediction to Maximum Power Point Tracking for PV Array	F.S. Pai*, R.M. Chao, S.H. KO, T.S. Lee,	IEEE Transactions on Sustainable Energy,vol. 2, no.1, pp.60~68, 2011. DOI : 10.1109/TSTE.2010.2078844
2009-11	期刊論文	Evaluation of a photovoltaic energy mechatronics system with a built-in quadratic MPPT algorithm	R.M. Chao*,S.H.Ko,F.S.Pai,I.H.Lin,C.C.Chang	Solar Energy
2009-9	期刊論文	A New Algorithm to Photovoltaic Power Point Tracking Problems with Quadratic Maximization	F.S.Pai*, R.M.Chao	IEEE Trans. on Energy Conversion
2008-11	期刊論文	Achieving machining residual stresses through model-driven planning of process parameters	Carl R. Hanna, Steven Y. Liang, Ru-Min Chao	Transactions of the North American Manufacturing Research Institution of SME
2008-9	期刊論文	Surface-tension/Thermal-mismatch in a self-assembly process	R.M. Chao, C. C. Hsu and F.I. Chu	Journal of Micromechanics and Micro engineering
2007-10	期刊論文	Characteristic Evaluation of Silicon-based MEMS Acoustic/Acceleration Sensor	Ru-Min Chao, Sie-Yu Li, Chih-Chao Hsu, Steven Y, Liang	Proceedings of the ASME International Manufacturing Science and Engineering Conference 2007,
2007-10	期刊論文	Specification of Shear Zone Characteristics in Achieving Desired Residual Stress Profile	Carl R. Hanna, Steven Y. Liang, Ru-Min Chao	Proceedings of the ASME International Manufacturing Science and Engineering Conference 2007, MSEC2007, pp. 289-296,
2004-9	期刊論文	Angular Vertical Comb Driven Tunable Capacitor with High Tuning Capabilities	Hung Nguyen, Dooyoung Hah, Pamela R. Patterson, Rumin Chao, Wibool Piywattanametha, Erwin Lau, and M	IEEE/ASME Journal of Microelectromechanical Systems