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參考資料目錄:

- A. International Journal Papers (國際期刊論文)
- B. International Conference Papers (國際研討會論文)
- C. National Conference Papers (國內研討會論文)
- D. Books (專書)

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A. International Journal Papers (國際期刊論文)

- A1. Fu-Tai Wang, C.-Y. Jenny Lee, Hsiao-Wen Tin, Shao-Wei Lue, Chan-Chuan Wen, Shun-Hsyung Chang, Novel Fractal-Wavelet Technique for Denoising Side-Scan Sonar Images, WSEA Transactions on Signal Processing, 2014, vol.10, no.0, pp.418-428. (EI)
- A2. **Chih-Chin Yang***, Chih Yu Lee, Jing Yi Wang, Mei Zhen Xue, and Chia Yueh Wu, "Low Frequency Multiple Divider Using Resonant Model", *World Academy of Science, Engineering and Technology*, vol.69, pp.438-441, Sept. 2012.
- A3. Chih Chin Yang, Chih Yu Lee, Jing Yi Wang, Mei Zhen Xue, Chia Yueh Wu (2016). Low Frequency Multiple Divider Using Resonant Model. *International Journal of Electronics and Communication Engineering*, Vol. 10, No 3, pp. 460-463.
- A4. Fu-Tai Wang, C.-Y. Jenny Lee, Hsiao-Wen Tin, Shao-Wei Leu, Chan-Chuan Wen, Shun-Hsyung Chang (2014, Oct). Fractal-wavelet technique for denoising side-scan sonar images. *WSEAS Trans. on Signal Processing*.
- A5. C.F.Lin, S. H. Chang, C.C. Lee, W. C. Wu, W. H. Chen, K. H. Chang, Jenny C. Y. Lee, Ivan A. Parinov (2013, Jul). Underwater Acoustic Multimedia Communication Based on MIMO-OFDM. *Wireless Personal Communicatons*, 71: 1231-1245.
- A6. F.-T. Wang, Jenny C.-I Lee, S.-H. Chang (2006, Dec). Wavelet-Based Shift Invariant Noise Model. *Journal of Marine Science and Technology*, Vol. 14, No. 4, pp. 195-201. (EI). NSC 93-2611-E-019-024.
- A7. 張順雄、鄭遠東、周慶平、李致頤、陸家樑 (2007年04月)。水下載具方位之估測：應用固態電子磁力感測器。海洋及水下科技季刊，第十七卷，第一期，第45-48頁
- A8. 李致頤、楊誌欽、陳建廷、楊詩央、陳重延 (2007年03月)。高頻共振穿透元件等效電路模型分析之研究。國立高雄海洋科學大學報，第二十一期，第1-10頁。(SCI)。

B. International Conference Papers (國際研討會論文)

- B1. I.O. Egorochkina, E.A. Shlyakhova, A.V. Cherpakov, I.A. Parinov, C.-Y. Jenny Lee, C.-C. Yang. (2021, Mar). STATISTICAL METHODS FOR PREDICTING AND PREVENTING THE APPEARANCE OF A DEFECT IN EFFLORESCENCE ON THE SURFACE OF BRICKWORK. . Phenma 2020, Japan.
- B2. Min Yen Yeh, Sheng Min Huang, Shun-Hsyung Chang, Jenny Chih-Yu Lee, Chih-Feng Yen, Chyi-Da Yang (2021, Mar). Preparation of zinc silicate doped with manganese phosphor by hydrothermal method. Phenma 2020, Japan.
- B3. O.V. Shilyaeva, A.V. Cherpakov, R.I. Shakhanov, C.-Y. Jenny Lee, Y.-M. Liu. (2021, Mar). ANALYSIS OF MATERIAL PROPERTIES USING MACHINE LEARNING. Phenma 2020, Japan.
- B4. Fu-Tai Wang, Jenny Chih-Yu LEE, Shun-Hsyung CHANG, Jih-Jhen Chen, Chiu-Hung Su, Chen-Chain Hwu and (2007, Sep). Travelling Waves in the Occurrence of Earthquake in Taiwan. Proc. EUSIPCO-2007, Poznan, Poland.
- B5. Fu-Tai Wang, Jenny Chih-Yu Lee, Shun-Hsyung Chang (2007, Jun). A Survey of Wavelet Transform Related to Digital Communications. 陸軍軍官學校八十三週年校慶基礎學術研討會。
- B6. Fu-Tai Wang, Jenny Chih-Yu Lee, Shun-Hsyung CHANG, Chin-Pin Chou, Hsin Hung Chang and Yi-Han Wang (2007, Jun). Signal Detection in Underwater Sound by Dual-Tree Discrete Wavelet Transform. Proc. Oceans'07 Aberdeen Conference and Exhibition, Aberdeen, Scotland. NSC 95-2221-E-022-017.
- B7. Chih Chin Yang, Chong Yan Chen, Chih Yu Lee, Ming Lung Hsieh, Shau Jie Shia, and Shun Hsyung Chan (2007, May). The Study of Relationship between Quasi Resonant Energy State and Current Density. 2007 Conference on Microelectronics Technology and Applications (2007CMETA).
- B8. A.V.Cherpakov, Yu.A. Chaika, M.P. Nazuev, C.-Y. Jenny Lee, F-T. Wang. Identification of Defects in the Element of the Wall Construction with Defects in Experimental Approach, 2018 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2018), 8/9/2018-8/11/2018, Busan, 韓國, pp.96.
- B9. Min Yen Yeh, Cheng CheYeh, Tsung Han Yu, Chih-Feng Yen, Chyi-Da Yang, Jenny Chih-Yu Lee, Shun-Hsyung Chang. An Environment Monitored System Using an Unmanned Self-propelled Vehicles, 2018 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2018), 8/9/2018-8/11/2018, Busan, 韓國, pp.244.
- B10. M.Shevtsova, E. Kirillova, E. Rozhkov, V. Chebanenko, I. Adzhikovich, C.-Y. Jenny Lee, S.-H. Chang. The Behaviour of an Acoustic Waves Propagation Excited by an Omnidirectional PZTactuator in Thin CFRP plate with an Orthotropic Symmetry, 2018 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2018), 8/9/2018-8/11/2018, Busan, 韓國, pp.317.
- B11. Shun-Hsyung Chang, Cheng-Yun Tu, Jenny hih-Yu Lee, Meng-Zhe Yang, Jun -Xin Song, Sergey N. Shevtsov, Ivan Parinov. Growth of the Nanometer Column Zinc Oxide by Hydrothermal Method for Fabrication of the Hydrophone Acoustics Sensors, 2018 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2018), 8/9/2018-8/11/2018, Busan, 韓國, pp.320.
- B12. A.N. Soloviev, V.A. Chebanenko, I.A. Parinov, C.-Y. Jenny Lee, Y.-M. Liu. Applied Theory of Second Order Bending Vibrations of a Piezoelectric Bimorph, 2018 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2018), 8/9/2018-8/11/2018, Busan, 韓國, pp.327。

- B13. A.N. Soloviev, R.U. Gruzdev, C.-Y. Jenny Lee, Hsiao-Wen Tin, C.-C. Yang, Polarizable Models in Molecular Dynamics for Identification of Effective Properties, 2017 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2017), 10/14/2017-10/16/2017, Jabalpur, 印度, pp.244。
- B14. Chih-Chin Yang, Cheng-Ting Chou, Jenny Chih-Yu Lee, Tzung-Ta Kao, Shun-Hsyung Chang. Fabrication of Indium Nitride Relative Humidity Sensors Using Porous Aluminum Substrate, 2016 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2016), 7/19/2016-7/22/2016, Surabaya, 印尼, pp.88。
- B15. Li-Yu Kao, Tse-You Lin, Jenny Chih-Yu Lee, Ian Y. Y. Bu, Shun-Hsyung Chang, JinnChang Wu. Silicon Carbide Based Buck Boost Converter, 2016 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2016), 7/19/2016-7/22/2016, Surabaya, 印尼, pp.169。
- B16. A.N. Soloviev, I.A. Panfilov, C.-Y. Jenny Lee, Hsiao-Wen Tin. Simulation of Electroactive Polymers and their Application Devices, 2016 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2016), 7/19/2016-7/22/2016, Surabaya, 印尼, pp.258。
- B17. Ian Y.Y. Bu, Cheng-Xun Kuo, Jenny Chih-Yu Lee, Shih-Fong Chao, J.-K. Wu, S. Shevtsov, M. Shevtsova, Shun-Hsyung Chang. Underwater Acoustics of a High-Sensitivity Piezoelectric Film Applied to the Development of Acoustic Sensing Element, 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2015), 5/19/2015-5/22/2015, Azov, 俄羅斯, pp.104。
- B18. Kuan-Chun Liu, Jenny Chih -Yu Lee, Jinn-Chang Wu, Ivan A. Parinov, Shun-Hsyung Chang. Designing the LED Lighting Driver Circuit with a Boost Converter, 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2015), 5/19/2015-5/22/2015, Azov, 俄羅斯, pp.142。
- B19. Nai-Wen Hsu, Jenny Chih-Yu Lee, Ivan A. Parinov, Shun-Hsyung Chang. Designing a Smart Home Energy-Saving System via ZigBee Technology, 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2015), 5/19/2015-5/22/2015, Azov, 俄羅斯, pp.165。
- B20. S.N. Shevtsov, V.A. Akopyan, E.V. Rozkov, V.A. Chebanenko, C.-C. Yang, C.-Y. Jenny Lee, C.-X. Kuo, Suey-Yueh Hu. Optimization of the Electric Power Harvesting System Based on the Piezoelectric Stack Transducers, 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2015), 5/19/2015-5/22/2015, Azov, 俄羅斯, pp.207。
- B21. Yi-Long Lin, Jenny Chih-Yu Lee, Shih-Fong Chao, Jr-Ping Wang, Shun-Hsyung Chang. Designing an Automatic Power Monitoring System with LabVIEW, 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2015), 5/19/2015-5/22/2015, Azov, 俄羅斯, pp.269。
- B22. Yu-Lun Cheng, Jenny Chih-Yu Lee, Jinn-Chang Wu, Varvara Shevtsova, Ivan A. Parinov, Shun-Hsyung Chang. Designing the Photovoltaic Based Battery Charger with a Dual-output Buck Power Converter, 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (PHENMA 2015), 5/19/2015-5/22/2015, Azov, 俄羅斯, pp.270。
- B23. Chyi-Da Yang, Chia-Hsiang Chou, Yu-Cheng Kung, Cheng-Liang Huang, Min-Yen Yeh, Jiing-Kae Wu, Huoo-Yuan Jenq, Jenq-Der Chen, Chih-Yu Lee, Chiung-Hsing Chen, Shun-Hsyung Chang(2014), Colorful Flashing LED Night Pearls for Marine Application, 2014 International Symposium on "Physics and Mechanics of New Materials and Underwater Applications" (PHENMA 2014), 3/27/2014-3/29/2014, 泰國, pp.29。

- B24. C.-Y. Jenny Lee, Hsian-Wen Tin, Fu-Tai Wang, Ivan A. Parinov, Shun-Hsyung Chang(2014), Power-Efficient Mechanism for Underwater Sensor Networks, 2014 International Symposium on "Physics and Mechanics of New Materials and Underwater Applications" (PHENMA 2014), 3/27/2014-3/29/2014, 泰國, pp.41。
- B25. I. A. Parinov, V. A. Akopyan, V. A. Chebanenko, C.-Y. Jenny Lee, F.-T. Wang³, S.-H. Chang(2014), Asymptotical Methods in Investigation of Conductive and Mechanical Properties of Superconductive Composites, 2014 International Symposium on "Physics and Mechanics of New Materials and Underwater Applications" (PHENMA 2014), 3/27/2014-3/29/2014, Khon Kaen, 泰國, pp.60。
- B26. Fu-Tai Wang, Chu-Tien Chen, Jenny Chih-Yu Lee, Shun-Hsyung Chang Chin-Feng Lin, Hsiao-Wen Tin, and Wen-Jin Kao, (2013), On Seismicity Driven Chaotic Model by DWT, 2013 International Symposium on Physics and Mechanics of New Materials and Underwater Applications(PHENMA2013), 6/5/2013-6/8/2013, Kaohsiung, 中華民國, 44。
- B27. A.N. Soloviev, E.N.Ziborov, Jenny C.-Y. Lee, (2013), Modeling of Composite Materials and Dynamic Testing of Structures with Their Use, 2013 International Symposium on Physics and Mechanics of New Materials and Underwater Applications(PHENMA2013), 6/5/2013-6/8/2013, Kaohsiung, 中華民國, pp.50。
- B28. C.D. Yang, M.Y. Yeh, C.L. Huang, Y. H. Su, P. H. Lei, C.Y. Lee, S. H. Chang and J. D. Chen, (2013), Photonics Locks Structure with the Characteristics of Pluse Width Modulation, 2013 International Symposium on Physics and Mechanics of New Materials and Underwater Applications(PHENMA2013), 6/5/2013-6/8/2013, Kaohsiung, 中華民國, pp.73。
- B29. S.-H. Chang, I.A.Parinov, K.-C.Hou, R.-J.Syu, C.-C. Yang, Ian Y.-Y. Bu, C.-D Yang, Jenny C.-Y. Lee, and J.-K. Wu, (2013), Measurements for the Fabrication of the Hydrophone Application on Piezoelectric Film, 2013 International Symposium on Physics and Mechanics of New Materials and Underwater Applications(PHENMA2013), 6/5/2013-6/8/2013, Kaohsiung, 中華民國, pp.172。

C. National Conference Papers (國內研討會論文)

- C1. 葉旻彥、王舜洽、楊奇達、黃成樑、李致頤、陳榮斌、鄭惠澤(2014), 以電紡絲法製備二氧化鈦奈米纖維膜之研究, 2014 第十二屆電子技術發展與應用研討會, 5/23/2014-5/23/2014, 高雄, 中華民國, pp2.
- C2. 葉旻彥、許焜富、劉穎翰、陳榮斌、李致頤、楊奇達、黃成樑(2014), 以微波法合成鉍酸鈉(NaTaO₃)光觸媒粉末, 2014 第十二屆電子技術發展與應用研討會, 5/23/2014-5/23/2014, 高雄, 中華民國, pp2.
- C3. 葉旻彥、陳冠沅、詹皓傑、張勳翔、楊奇達、黃成樑、陳榮斌、李致頤(2014), 以直流式(DC)濺鍍法沉積氧化鋅鋁(AZO)透明導電膜特性之研究, 2014 第十二屆電子技術發展與應用研討會, 5/23/2014-5/23/2014, 高雄, 中華民國, pp2.
- C4. 葉旻彥、許焜富、顏兆廷、李宗彥、薛凱文、黃成樑、楊奇達、李致頤、陳榮斌(2014), 偏矽酸鈣-摻雜鈷以微波法合成之螢光粉材料之探討, 2014 第十二屆電子技術發展與應用研討會, 5/23/2014-5/23/2014, 高雄, 中華民國, pp2.
- C5. 葉旻彥、陳淑娟、李致頤、黃成樑、陳榮斌、楊奇達、潘美姘、廖俊翔(2014), 以智慧型手機應用藍芽技術建立監護身體指數系統, 2014 第十二屆電子技術發展與應用研討會, 5/23/2014-5/23/2014, 高雄, 中華民國, pp2.
- C6. 張順雄, 李致頤, 周政霆, 高立宇, 陳彥杰(2013), Design of Functional Traffic Lights, 2013 第八屆微電子工程專題成果發表研討會, 12/20/2013-12/20/2013, Kaohsiung, 4。
- C7. 張順雄, 李致頤, 王子昌, 顏伯丞, 莊皓翔(2013), A wake-up lighting system programming, 2013 第八屆微電子工程專題成果發表研討會, 12/20/2013-12/20/2013, Kaohsiung, 11。

- C8. 張順雄、A.Parinov、侯國章、許仁誌、楊誌欽、卜一字、楊奇達、吳景凱、李致頤(2012), 壓電陶瓷複合物在水下聲波多媒體通訊的特性研究, *The Proceeding of 10th Conference on Microelectronics Technology and Applications (C'META 2012)*, 5/25/2012-5/25/2012, Taiwan, 中華民國, pp.77-78
- C9. 楊奇達、龔育呈、陳在翔、余佳倫、雷伯薰、葉旻彥、李致頤、張順雄、吳孟奇、黃潤傑、陳正德(2012), 計於 InGaAs 光檢測器之寬波段高穿透複合抗反射層, *The Proceeding of 10th Conference on Microelectronics Technology and Applications (C'META 2012)*, 5/25/2012-5/25/2012, Taiwan, 中華民國, pp.33-34.
- C10. 張順雄,李致頤, 詹鈞翔, 葉宇桓, 甘建甫(2011), Differential Equation Simulator, 2011 第六屆微電子工程系專題成果發表研討會, 2011/12/16-2011/12/16, 高雄, 4。
- C11. C.D. Yang, Z. S. Chen, K. M. Huang, Y. C. Kung, P. H. Lei, M. Y. Yeh, C. C. Yang, C. L. Huang, C. Y. Lee, M. C. Wu(2011), The Effect of Interval between Nano-Inverse Opal Structures on the Surface-Coupled Photodiode Simulated by Finite Difference Time Domain, *2011 Conference on Microelectronics Technology and Applications (2011 CMETA)*, 2011/5/20-2011/5/20, 高雄, pp.108-113。
- C12. 蔡淑芬、李致頤、羅有龍(2011), 低功率小面積多重相位輸出之全數位延遲鎖定迴路設計, 2011 第九屆微電子技術發展與應用研討會, 2011/5/20-2011/5/20, 高雄, pp.105-106。
- C13. 簡趁玲、張順雄、周朝國、吳晉昌、李致頤、林川澤(2011), 應用於 LED 照明之高降壓比電源驅動器研製, *2011 Conference on Microelectronics Technology and Applications (2011 CMETA)*, 2011/5/20-2011/5/20, 高雄, pp.307-313。

D. Bools (專書)

- D1. 李致頤. Precalculus (ISBN: 9789863630760). Taiwan: Tsang Hai Publishing. Aug, 2018.
- D2. Fu-Tai Wang, Chung-Cheng Chen, Jenny Chih-Yu Lee, Shun-hsyung Chang, Chin-Feng Lin, Hsiao-Wen Tin, Wen-Jin Kao(2014), On Seismicity Driven Chaotic Model by DWT/Advanced Materials, Springer.
- D3. Chih Chin Yang, Chong Yan Chen, Jenny Chih Yu Lee, Ming Lung Hsieh, Shau Jie Shia, Shun Hsyung Chang, Ian Yi-Yu Bu and Ivan A. Parinov (2013), Physics and Mechanics of New Materials and their Applications 〈Chapter 11 Influence of Parasitic Effect between Frequency and Quantum Impedance for Quantum Resonant Materials and Structures〉, Nova Science Publishers.
- D4. A.N. Soloviev, I. A. Parinov, L. V. Duong, Chih Chin Yang, S. H. Chang and J. C. Y. Lee(2013), Physics and Mechanics of New Materials and their Applications 〈Chapter 24 Analysis of Finite Element Models for Piezoelectric Devices of Energy Harvesting〉, Nova Science Publishers.
- D5. C.F. Lin, S. H. Chang, C. C. Lee, W. C. Wu, W. H. Chen, K. H. Chang, J. C. Y. Lee and I. A. Parinov(2013), Physics and Mechanics of New Materials and their Applications 〈Chapter 27 A MIMO-OFDM Underwater Acoustic Multimedia Communication〉, Nova Science Publishers。