

論文著述：

(A) 期刊論文

1. Li, C.-J., Fang, Y.-C., and Cheng, M.-C., 2010, "Prism-pattern Design of an LCD Light Guide Plate using a Neural-network Optical Model," *Optik - International Journal for Light and Electron Optics*. (In Press) (SCI, EI) (Impact Factor: 0.507)
2. Li, Chen-Jung, 2009, "Measurement of Mean and Gradient Residual Stresses in Thin Films using Spiral Microstructures," *Sensors and Actuators A: Physical*, Vol. 155, pp. 181-187. (SCI, EI) (Impact Factor: 1.724)
3. Huang, Ming-Shyan, Li, Chen-Jung, Yu, Jyh-Cheng, Huang, Yung-Ming, and Hsieh, Li-Chung, 2009, "Robust Parameter Design of Micro-Injection Molded Gears Using a LIGA-like Fabricated Mold Insert," *Journal of Material Processing Technology*, Vol. 209, pp. 2690-5701. (SCI, EI) (Impact Factor: 1.143)
4. Li, C.-J., Fang, Y.-C., and Cheng, M.-C., 2009, "Study of Optimization of an LCD Light Guide Plate with Neural Network and Genetic Algorithm," *Optics Express*, Vol. 17, No. 12, pp. 10177-10188. (SCI, EI) (Impact Factor: 3.880)
5. Li, Chen-Jung, Fang, Yi-Chin, Chu, Wei-Tang, and Cheng, Ming-Chia, 2008, "Optimization of Light Guide Plate with Microstructures for Extra Light Modern Backlight Module," *Japanese Journal of Applied Physics*, Vol. 47, No. 8, pp. 6683-6687. (SCI, EI) (Impact Factor: 1.247)
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10. Li, Chen-Jung and Ray, Asok, 1995, "Neural Networks Representation of Fatigue Damage Dynamics," *Smart Materials and Structures*, v.4, n.2, pp.126-133. (SCI, EI) (Impact Factor: 1.510)

(B) 研討會論文

1. 李振榮, 方怡欽, 鄭明嘉, 2009, “結合類神經網路與基因演算法於導光板之最佳化設計,” 中華民國第十七屆模糊理論及其應用會議, 高雄, 民國98年12月.
2. 李振榮, 林佑泰, 林勝國, “超高頻微機械濾波器之研製,” 2009高科大及高大工學院教師研發成果聯合研討會, 高雄, 民國98年5月, pp.159-164.
3. Li, C.J., and Lin, S.-K., 2008, “High-Q VHF Micromechanical Filters Using Free-free Beam Resonators,” *Proceedings of 2008 IEEE International Conference on Electron Devices and Solid-State Circuits*, Hong Kong (Dec. 8-10). (EI)
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6. 李振榮, 陳金材, 2008, “金屬薄板90度彎曲沖壓之研究”, 2008高科大工學院教師研發成果研討會, 高雄, 民國97年5月, pp. 175-180.
7. 李振榮, 呂胤增, 黃仲岳, 謝立中, 2008, “開發「微模具製造及微成形技術教材、教具、數位學習系統及教學評量」”, 2008年「精密機械與模具技術」成果展示與發表會, 高雄, 民國97年1月, pp. 107-112.
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10. Li, C.J., Fang, Y.C., Chu, W.T., and Jeng, M.J., 2007, “Prism-Pattern Design for a Light Guide Plate of a LCD Backlight Module”, *Proceedings of The 1st International Conference on Display for LEDs*, Seoul, Korea, pp. 119-122. (EI)
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12. 李振榮, 呂胤增, 谷家恆, 2006, “微電鑄溝槽結構尺度效應分析”, 第二十三屆機械工程研討會, 台南, 民國95年11月, 第E1冊, 第158至163頁.
13. 李振榮, 呂胤增, 黃勇智, 2006, “開發「微模具製造及微成形技術」教材、教具、數位學習系統及教學評量”, 2006年高科大工學院教師研發成果研討會, 高雄, 民國95年4月, pp.

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15. 李振榮, 李昶材, 2005, “微螺旋結構於薄膜殘留應力之量測”, 第二十二屆機械工程研討會, 中壢, 民國94年11月, 論文編號 C2-018.
16. 李振榮, 許煜德, 石育任, 高宇平, “以類神經網路辨識刀具的磨耗程度”, 中華民國第十三屆模糊理論及其應用會議, 高雄, 民國94年9月.
17. 李振榮, 黃禮珉, 2004, “振動式微陀螺儀之整合性最佳化設計”, 第二十一屆機械工程研討會, 高雄, 民國93年11月, 第E-III冊, 第6561至6566頁.
18. 李振榮, 鄭金火, 馮榮豐, 2003, "Scott-Russell切削刀具機構之最佳化設計及分析", 第二十屆機械工程研討會, 台北, 民國92年12月, 第4冊, 第597至604頁.

(C) 專利

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2. 李振榮, 鄭金火, 馮榮豐, 2005, “微致動司羅兩氏直線機構(Scott-Russell)切削刀具,” 中華民國「新型專利」, 專利編號 : 93201345.

(D) 技術報告

1. 李振榮, 2009, “超高頻微機械濾波器之研製”, 國科會計劃 NSC 97-2221-E-327-017, 成果報告.
2. 李振榮, 2007, “開發模具專業人才培育教材、教具、數位學習系統及教學評量--開發「微模具製造及微成形技術」教材、教具、數位學習系統及教學評量(3/3)”, 國科會計劃 95-2516-S-327-004-, 成果報告.
3. 李振榮, 2006, “開發模具專業人才培育教材、教具、數位學習系統及教學評量--開發「微模具製造及微成形技術」教材、教具、數位學習系統及教學評量(2/3)”, 國科會計劃 94-2516-S-327-004-, 期中成果報告.
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