

附錄 4-1-2-1 期刊論文(2004~2006)

羅光耀

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	K. W. Chen , Y.L. Wang, C.P. Liu, Kevin Yang, L. Chang, <u>K.Y. Lo</u> , C.W. Liu, “Evaluation of Advanced Chemical Mechanical Planarization Techniques for Copper Damascene Interconnect” <i>Thin Solid Film</i> , 447-448, pp. 531-536.	1. 569	
2	2004	T. C. Wang, T. E. Hsieh, Y. L. Wang, Y. L. Wu, <u>K. Y. LO</u> , C. W. Liu and K. W. Chen, “Copper surface protection with a completely enclosed copper structure for a damascene process” , <i>Thin Solid Films</i> , 447-448, pp. 542-548.	1. 569	
3	2005	<u>K.Y. Lo*</u> , “Study on the Rapid Thermal Annealing Process of the low-energy Arsenic and Phosphorous ion implanted Silicon by Reflective Second Harmonic Generation “, <i>Journal of Physics D: Applied Physics</i> , 38, pp. 3926-3933.	1. 957	√
4	2005	R. C. Chang, S. Y. Chu, <u>K. Y. LO</u> , S. C. Lo and Y. R. Huang, “Physical and Structural Properties of RF Magnetron Sputtered ZnO Films” <i>Integrated Ferroelectrics</i> , 69, pp. 43 - 53.	0. 427	
5	2005	C. Y. Huang, C. Y. Hu, H. C. Pan and <u>K. Y. LO</u> , “Electrooptical Responses of Carbon Nanotube-Doped Liquid Crystal Devices” , <i>Japanese Journal of Applied Physics</i> , 44, pp. 8077-8081.	1. 096	
6	2006	<u>K. Y. Lo*</u> , S. C. Lo, S. Y. Chu, R. C. Chang and C. F. Yu, “Analysis of the Growth of RF Sputtered ZnO Thin Films using the Optical Reflective Second Harmonic Generation” , <i>Journal of Crystal Growth</i> , 290, pp. 532-538.	1. 681	√

7	2006	<u>K.Y. Lo*</u> , C.C. Shiah and C.Y. Huang, "The actual capacitance function of the nematic liquid crystal cell", <i>Japanese Journal of Applied Physics</i> , 45, pp. 891-895.	1.096	√
8	2006	<u>K.Y. Lo*</u> , C.Y. Huang, T.H. Chu, C.J. Hsu, C.H. Lin and Andy Y.G. Fuh, "Variation of nematic liquid crystal on a silver surface" <i>Journal of Optics A: Pure and Applied Optics</i> , 8, pp.501-506.	1.295	√
9	2006	<u>K.Y. Lo*</u> and C.Y. Huang, "Observation of transient reorientation of dye-doped liquid crystals by pumped attenuated total reflection", <i>Applied Physical Letters</i> , 89, 081114	4.139	√

李宗隆

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	<u>T. L. Li</u> . "Low-dimensional semiconductors modeled by the first-order homogeneous electron gas theory." <i>Jpn. J. Appl. Phys.</i> , Part 1, 43(2), 536-537, 2004.	1.096	√
2	2004	<u>T. L. Li</u> . "Group symmetry properties of carbon nanotubes." <i>Nano Communications</i> , 11(4), 22-29, 2004. National Nano Device Laboratories, Hsinchu, Taiwan. ISSN 1029-502X. (Chinese)		√
3	2005	<u>T. L. Li</u> and J. H. Ting. "Temporal saturation effects of nanoscale contact holes fabricated by chemical shrink techniques." <i>Jpn. J. Appl. Phys.</i> , Part 1, 44(8), 6327-6331, 2005.	1.096	√
4	2005	<u>T. L. Li</u> . "Structure of single-walled carbon nanotubes." <i>Nano Communications</i> , 12(3), 60-71, 2005. National Nano Device Laboratories, Hsinchu, Taiwan. ISSN 1029-502X. (Chinese)		√
5	2005	<u>T. L. Li</u> and J. H. Ting. "Reaction-diffusion mechanisms for the chemical shrink process of nanofabrication." <i>Chem. Phys. Lett.</i> , 414, 292-295, 2005.	2.438	√
6	2006	<u>T. L. Li</u> and J. H. Ting. "Comment on 'Thermal flow and chemical shrink techniques for sub-100 nm contact hole fabrication in electron beam lithography'." <i>Jpn. J. Appl. Phys.</i> , Part 1, 45(8A), 6539, 2006.	1.096	√

7	2006	J. H. Ting, <u>T. L. Li</u> , and Y. C. Hong. "Dependence of field emission properties of carbon nanotube films on their graphitization." <i>J. Vac. Sci. Technol. B</i> , 24(4), 1794-1798, 2006. Selected for <i>Virtual J. Nano. Sci. Technol.</i> , 14(2), 2006.	1.626	
8	2006	<u>T. L. Li</u> , J. H. Ting, and C. Y. Kung. "Parallelizable simulation of material effects of the chemical shrink process of nanofabrication." <i>Jpn. J. Appl. Phys., Part 1</i> , 45(10A), 7964-7974, 2006.	1.096	√
9	2005	<u>T. L. Li</u> and J. H. Ting. "Character tables for the symmetry groups of single-walled carbon nanotubes." <i>J. Vac. Sci. Technol. B</i> , 23(4), 1682-1683, 2005. Selected for <i>Virtual J. Nano. Sci. Technol.</i> , 12(6), 2005.	1.626	√
10	2006	<u>T. L. Li</u> . "Full-band tight-binding electronic structures of graphene." <i>Nano Communications</i> , 13(3), 66-71, 2006. National Nano Device Laboratories, Hsinchu, Taiwan. ISSN 1029-502X. (Chinese)		√
11	2006	J. H. Ting, Y. C. Hong, and <u>T. L. Li</u> . "Graphitization effects on the field emission properties of carbon nanotube films." <i>Nano Communications</i> , 13(3), 60-65, 2006. National Nano Device Laboratories, Hsinchu, Taiwan. ISSN 1029-502X. (Chinese)		
12	2006	<u>T. L. Li</u> . "Electronic structures of graphene by third nearest neighbor tight-binding approximation." <i>Nano Communications</i> , 13(2), 47-54, 2006. National Nano Device Laboratories, Hsinchu, Taiwan. ISSN 1029-502X. (Chinese)		√
13	2006	<u>T. L. Li</u> and J. H. Ting. "Simulation of the chemical shrink techniques for the fabrications of nanoscale devices." <i>Nano Communications</i> , 13(1), 56, 2006. National Nano Device Laboratories, Hsinchu, Taiwan. ISSN 1029-502X. (Chinese)		√
14	2007	<u>T. L. Li</u> and J. H. Ting. "An exhaustive classification scheme for single-wall carbon nanotubes." <i>Physica B</i> , 2007 (In press)	0.796	√

蔡明善

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	I-M. Jiang, * M.-S. Tsai, C.-K. Lu, C.-C. Shih, J.-C. Chiang, and H.-E. Horng, "Ordering formation of columnar lattices in magnetic fluid thin films subjected to oscillating perpendicular magnetic fields", <i>Appl. Phys. Lett.</i> 84, 245	4.127	

2	2004	I.-M. Jiang, * C.-C. Shih, C.-K. Lu, D.-J. Jang, J.-C. Chiang, M.-S. Tsai, and H.-E. Horng, "Dynamic formation of columnar lattices in magnetic fluid thin films subjected to oscillating perpendicular magnetic fields", J. Appl. Phys. 96, 860	2.498	
3	2004	M.-S. Tsai, * C.-T. Kuo, S.-Y. Huang, C.-C. Shih, and I.-M. Jiang, "Voltage-controlled multiguide directional coupler formed in a planar nematic liquid crystal film", Appl. Phys. Lett. 85, 855	4.127	√
4	2005	C.-T. Kuo, * S.-Y. Huang, I.-M. Jiang, and M.-S. Tsai, "Multiguide directional coupler using switchable liquid-crystalline optical channels", J. Appl. Phys. 97, 103113	2.498	

鄭秋平

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2005	J.-F. Wen, L.-B. Wang, C.-H. Liu, H.-H. Lee, J. Hwang, C.-P. Ouyang, T.-W. Pi, J.-W. Hwang and C.-P. Cheng, "Solid state amorphization at the room temperature deposited Ni/Si(100) interface" J. Vac. Sci. Technol. B, 23, 1659 (2005).	1.626	
2	2005	C.-P. Cheng*, T.-W. Pi, C.-P. Ouyang, and J.-F. Wen, "Chemisorption of C ₆₀ on the Si(001)-2x1 surface at room temperature" J. Vac. Sci. Technol. B, 23, 1081 (2005).	1.626	√
3	2006	C.-P. Cheng*, J.-F. Wen, C.-P. Ouyang, and T.-W. Pi, "SiC formation by C ₆₀ molecules as a precursor: A synchrotron-radiation photoemission study of the carbonization process", J. Vac. Sci. Technol. A 24, 70 (2006).	1.399	√
4	2006	C.-P. Cheng*, J.-W. Huang, T.-W. Pi, and H.-H. Lee, "Surface structure of SiC formed by C ₆₀ molecules on a Si(001)-2x1 surface at 800 °C" J. Appl. Phys., 99, 123708 (2006).	2.498	√
5	2006	C.-P. Cheng*, J.-F. Wen, C.-P. Ouyang, J.-W. Huang, and T.-W. Pi, "Formation of Si-terminated SiC films on annealing C ₆₀ on a Si(001)-2x1 surface", Thin Solid Films 515, 2106 (2006).	1.569	√

林立弘

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	Nobuyuki Aoki, Li-hung Lin , Takahiro Morimoto, Takahiko Sasaki, Jun-feng Song, Koji Ishibashi, Jonathan P. Bird, Agung Budiyo, Katsuhiro Nakamura, Takahisa Harayama and Yuichi Ochiai: "Fractal behavior in magnetoconductance in coupled quantum dot systems", Physica E 22 , 361 (2004).	0.946	
2	2007	C.-T. Liang, Li-hung Lin , J. Z. Huang, Zhi-Yao Zhang, Zhe-Hau Sun, and Kuang Yao Chen, N. C. Chen, P. H. Chang, and Chin-An Chang: "Electron-electron interactions in Al _{0.15} Ga _{0.85} N/GaN high electron mobility transistor structures grown on Si substrates", Appl. Phys. Lett. 90 1 (2007).	4.127	
3	2007	Li-hung Lin, K. Y. Chen, Z. H. Sun, W. J. Shiue, C. T. Liang, P. H. Chang, N. C. Chen, and C. A. Chang, Electron heating and current scaling in a GaN/AlGaN two-dimensional electron system, J. Korean Phys. Soc., to be published.	0.828	
4	2007	Li-hung Lin, K. Y. Chen, Z. H. Sun, W. J. Shiue, C. T. Liang, P. H. Chang, N. C. Chen, and C. A. Chang, Insulator-quantum Hall phase transition in a GaAs/AlGaAs two-dimensional electron system, J. Korean Phys. Soc., to be published.	0.828	
5	2007	Li-hung Lin, K. Y. Chen, Z. H. Sun, W. J. Shiue, C. T. Liang, P. H. Chang, N. C. Chen, and C. A. Chang, Electron heating and current scaling in a SiN/GaN/AlGaN two-dimensional electron system, J. Korean Phys. Soc., to be published.	0.828	
6	2007	Experimental evidence for weak insulator-quantum Hall transitions in GaN/AlGaN two-dimensional electron systems, E.S. Kannan, Jyun-Ying Lin, Li-Hung Lin, Jing-Han Chen, Gil-Ho Kim, Kuang Yao Chen, C.-T. Liang, Jeong Kin Baik, Jong-Lan Lee, and N.C. Chen, J. Korean Phys. Soc., to be published.	0.828	

許芳文

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2006	Fang-Wen Sheu and Ching-Huang Chang, "Measurement of the intensity profiles of a Gaussian laser beam near its focus using an optical fiber," American Journal of Physics (2006 June submitted, 2006 Nov. revised).	0.826	✓

2	2006	Fang-Wen Sheu and Jung-Jui Kang, "All-fiber actively Q-switched fiber laser tuned by a pair of temperature controlled fiber Bragg gratings," Optics Communications (2006 Aug. submitted).	1.456	✓
3	2006	Fang-Wen Sheu and Ming-Feng Shih, "Swinging optical spatial solitons in a biased photorefractive crystal," Journal of Optics A: Pure and Applied Optics (2006 Sep. submitted, 2006 Oct. revised, 2006 Nov. accepted).	1.295	✓

洪一弘

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	J. W. Chiou, J. C. Jan, H. M. Tsai, C. W. Bao, W. F. Pong*, M.-H. Tsai, <u>I.-H. Hong</u> , R. Klauser, J. F. Lee, J. J. Wu, and S. C. Liu, "Electronic structure of ZnO nanorods studied by angle-dependent x-ray-absorption spectroscopy and scanning photoelectron microscopy", Appl. Phys. Lett. 84, 3462	4.049	
2	2004	J. W. Chiou, K. P. Krishna Kumar, J. C. Jan, H. M. Tsai, C. W. Bao, W. F. Pong*, M.-H. Tsai, <u>I.-H. Hong</u> , R. Klauser, J. F. Lee, J. J. Wu and S. C. Liu, "Diameter dependence of the electronic structure of ZnO nanorods determined by x-ray-absorption spectroscopy and scanning photoelectron microscopy", Appl. Phys. Lett. 85, 3220	4.049	
3	2005	J. W. Chiou, H. M. Tsai, C. W. Pao, C. L. Dong, C. L. Chang, F. Z. Chien, W. F. Pong*, M.-H. Tsai., S. C. Shi, C. F. Chen, L. C. Chen, K. H. Chen, <u>I.-H. Hong</u> , H.-J. Lin and J. H. Guo, "Comparison of the electronic structures of AlN nanotips grown on p- and n-type Si substrates", J. Phys.: Condens. Matter 17, 7523 - 7530	1.757	
4	2006	<u>Ie-Hong Hong</u> , Ting-Chang Hsu, Shang-Chieh Yen, Fu-Shiang Lin, Mao-Lin Huang and Chia-Hao Chen, "Spectromicroscopic evidence for epitaxial poly-Si thin film formed on amorphous Si substrate by nickel induced lateral crystallization", Appl. Phys. Lett. 89, 182116	4.87	✓
8	2007	<u>Ie-Hong Hong</u> , Ting-Chang Hsu, Shang-Chieh Yen, Fu-Shiang Lin, Mao-Lin Huang and Chia-Hao Chen, "In situ spectro-microscopic study of nickel induced lateral crystallization of amorphous silicon thin film using SPESM", Surf. Sci. 601, 301	1.78	✓

9	2007	le-Hong Hong*, Chiu-Ping Cheng, and Tun-Wen Pi, "The specific oxidation mechanism in the initial stages of O ₂ adsorption on submonolayer Ba covered W(110) surface", Surf. Sci. (in press)	1.78	√
10	2007	le-Hong Hong*, Chiu-Ping Cheng, and Tun-Wen Pi, "Physical origin of anomalous negative W 4f surface core-level shifts in the initial oxidation of submonolayer Ba on W(110) surface", Phys. Rev. B, (accepted)	3.18	√

余昌峰

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2006	K. Y. Lo*, S. C. Lo, S. Y. Chu, R. C. Chang and C. F. Yu, 2006, "Analysis of the Growth of RF Sputtered ZnO Thin Films using the Optical Reflective Second Harmonic Generation", Journal of Crystal Growth, 290, pp. 532-538 (SCI)	1.39	

蘇炯武

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	C. L. Tzeng, C. W. Su, H. Y. Ho, and C. S. Shern, "Atomic exchange and magnetic properties of Co/Ag/Pt(111)", Thin Solid Films 459 , 82	1.569	
2	2004	C. W. Su, C. S. Shern, and Y. D. Yao, "Magnetic properties of ultrathin Ni/Co/Pt(111) films", Journal of Applied Physics 95 , 6568	2.498	√
3	2004	C. W. Su, Y. D. Yao, and C. S. Shern, "Magnetic properties of ultrathin Co/Ni/Pt(111) films", Journal of Magnetism and Magnetic Materials 282 , 84	0.985	√
4	2004	H. Y. Ho, C. L. Tzeng, C. W. Su, and C. S. Shern, "Enhancement of magneto-optical Kerr effect for Co ultra-thin film on Pt(111) with Ag buffer layer", Journal of Magnetism and Magnetic Materials 282 , 69	0.985	
5	2004	H. Y. Ho, C. W. Su, Y. W. Chu, and C. S. Shern, "Alloy formation of Ni ultrathin films on Pt(111) with Ag buffer layers", Applied Surface Science 237 , 306	1.263	
6	2004	C. S. Shern, H. Y. Ho, S. H. Lin, and C. W. Su, "Structure and magnetic properties of ultrathin Ni films on Pt(111) with Co buffer layers", Physical Review B 70 , 214438	3.185	

7	2005	C. W. Su, J. S. Tsay, C. H. Hwang, and Y. D. Yao, "Magneto-optical properties of Co/Ge(100) with ultrathin Ag buffer layers", Journal of Applied Physics 97 , 10J111	2.498	✓
8	2005	C. W. Su, H. Y. Ho, Y. J. Chen and C. S. Shern, "Annealing effect of Ag ultrathin films on Ni/Pt(111)", Journal of Applied Physics 97 , 124907	2.498	✓
9	2005	J. S. Tsay, C. W. Su, C. H. Huang, and Y. D. Yao, "Low-temperature studies of magnetic phases of the interfacial layers for Co/Ge(100) and Co/Ge(111) films", Journal of Vacuum Science and Technology A 23 , 781	1.399	
10	2006	C. W. Su and C. S. Shern, "Abnormal reduction of coercivity on magnetic Cobalt-Platinum alloy films", Journal of Magnetism and Magnetic Materials 303 , e234	0.985	✓
11	2006	C. W. Su, J. S. Tsay, and Y. D. Yao, "Buffer effects of Ag layers on magneto-optical Co/Ge(100) ultrathin films", Journal of Magnetism and Magnetic Materials 304 , e41	0.985	✓
12	2006	H. Y. Ho, Y. J. Chen, C. W. Su, R. H. Chen, and C. S. Shern, "Layer structure of ultrathin Ag films on Ni/Pt(111)", Journal of Vacuum Science & Technology A 24 , 1020	1.399	
13	2007	C. W. Su, J. S. Tsay, and Y. D. Yao, 2007 "Finding stabilized coercivity on the study of thickness and temperature dependent Co/Ag/Ge(001) ultrathin films", <i>Thin Solid Films</i> (submitted).	1.569	✓

陳慶緒

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	C.H. Chen, P.T. Tai, and W.F. Hsieh, "Cavity-configuration-dependent instability in a tightly focused end-pumped solid-state laser," Opt. Commun. 241, 145-153.	1.581	✓
2	2004	C.H. Chen, P.T. Tai, and W.F. Hsieh, "Bottle beam from a bare laser for single-beam trapping," Applied Optics 43, 6001-6006.	1.799	✓
3	2004	P.T. Tai, C.H. Chen, and W.F. Hsieh, "Direct generation of optical bottle beams from a tightly focused end-pumped solid-state laser," Opt. Express 12, 5827-5833.	3.797	

4	2005	C.H. Chen, P.T. Tai, W.H. Chiu, and W.F. Hsieh, "Transverse excess noise factor and transverse mode locking in a gain-guided laser," Opt. Commun., 245, 301-308.	1.581	√
5	2005	Andy Ying-Guey. Fuh, Hui-Chi Lin, Ting-Shan Mo, and Ching-Hsu Chen, "Nonlinear optical property of azo-dye doped liquid crystals determined by biphotonic Z-scan technique," , Opt. Express 13, 10634-10641.	3.797	
6	2006	Tsung-Hsien Lin, Hung-Chang Jau, Ching-Hsu Chen, Yi-Jan Chen, Tai-Huei Wei, Chen-Wei Chen, and Andy Y. -G. Fuh, " Electrically controllable laser based on cholesteric liquid crystal with negative dielectric anisotropy," Appl. Phys. Lett. 88, 061122	4.308	

陳思翰

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2005	S. -H. Chen, "Work function changes of treated indium-tin-oxide films for organic light emitting diodes investigated using scanning surface potential microscopy" , J. Appl. Phys. 97, 073713. (NSC 92-2215-E-131-001)	2.498	√
2	2005	S. -H. Chen, C. -W. Lin, W. -C Lin and D. P. Tsai, "Study of optical recording bits by scanning surface potential microscopy" , J. Vac. Sci. Technol. A23, pp. 663-665. (MOEA 93-EC-17-A-08-S1-0006)	1.399	√
3	2006	S. -H. Chen, S. -P. Hou, J. H. Hsieh, F. C. Chang and W. K. Chen, "Advanced electrical imaging of dislocations in Mg-In co-doped GaN films" , J. Vac. Sci. Technol. B24, pp. 108-112. (NSC 94-2215-E-415-001)	1.626	√
4	2006	S. -H. Chen, H. C. Hsiung, W. -B. Su and D. P. Tsai, "Convenient near-field optical measurement and analysis of polystyrene spheres" , Vacuum 81, pp. 129-132. (NSC 94-2215-E-415-001)	0.909	√
5	2006	S. -H. Chen, S. -P. Hou, J. H. Hsieh and D. P. Tsai, "Writing and erasing efficiency analysis on optical storage media using scanning surface potential microscopy" , J. Vac. Sci. Technol. A24, pp. 2003-2007. (NSC 95-2212-M-415-005-MY2)	1.399	√
6	2007	S. -H. Chen, 2007, Jan., "Rapid and Accurate measurement for Phase-change Optical Recording Bits" , Microscopy Research and Technique, in press.	2.323	√

譚言正

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2005	B. Tan, H. H. Hung, and G. Chern, "Synchrotron X-ray Analysis of the MBE-Grown Fe ₃₀₄ Epilayer on MgO(001)", published by Journal of Chinese Physics in June, 2005.	0.35	*
2	2006	譚言正, 民95年7月, 鐵鎳氧化物磊晶薄膜的X光物性分析, 樹德科技大學學報第八卷, P341-345	0.1	*

陳穗斌

編號	年度	作者，題目，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	Sui-Pin Chen and Ching-Ray Chang, "Spin-diffusion effect in the ferromagnet-metal bilayer", Journal of Magnetism and Magnetic Material, 272, pp. 1180-1182.	0.985	√
2	2005	Sui-Pin Chen and Ching-Ray Chang, "Analytic solutions of the linear Boltzmann transport equation for multilayered systems", Phys. Rev. B, 72, pp. 064445.	3.185	√
3	2006	Sui-Pin Chen and Ching-Ray Chang, "Induced interfacial diffusive scatterings from different mean free paths between adjacent materials", Journal of Apply Phys, 99(8), pp. 08R502.	2.498	√
4	2006	Sui-Pin Chen, Ching-Ray Chang, Tzay-Ming Hong, and Chih-Huang Lai, "Spin Accumulation From the Spin Hall Effect Studied Using the Effective Mean-Free-Path Model", IEEE TRANSACTIONS ON MAGNETICS, 42(10), pp. 2667-2669.	1.014	√

李佳任

編號	年度	作者，"題目"，發表期刊名稱，卷數，頁數	Impact factor	第一作者或通訊作者(打勾)
1	2004	Y. Y. Chen, Jia-Ren Lee, M. L. Weng, C. R. Lu, B. R. Wu and W. J. Ho, "Optical properties of GaNAs/GaAs triple quantum well structures" Journal of Physics and Chemistry of Solids, 65, 1857	1.410	
2	2005	Jia-Ren Lee, C.R. Lu, C.H. You, and J.Y. Jen, "Photoluminescence Study of ZnCdSe/ZnSe Quantum Dot Systems", Journal of Physics and Chemistry of Solids, 66, 1920	1.410	√
3	2005	Jia-Ren Lee, C. R. Lu, W. I. Lee, and S. C. Lee, "Investigation of Populated InAs/GaAs Quantum Dots by Photoluminescence and Photoreflectance", Physica E: Low-dimensional Systems and Nanostructures, 25, 562	0.946	√

4	2005	C.R. Lu, H.L. Liu, Jia-Ren Lee, C.H. Wu, H.H Lin, and L.W. Sung, "Optical Characterization of InGaAsN/GaAsN/GaAs Quantum Wells with InGaP Cladding Layers" , Journal of Physics and Chemistry of Solids, 66, 2082	1.410	
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