

江海邦教授著作目錄(近 5 年)

出版年月	著作類別	著作名稱	作者	收錄出處
2017-04	期刊論文	Optical effects of charges in colloidal solutions	Railing Chang*, Hung-Yi Chung, Chih-Wei Chen, Hai-Pang Chiang*, P.T. Leung*	Optical Materials
2017-02	期刊論文	Interplay of Mutual Electric and Magnetic Couplings Between Three-Dimensional Split-Ring Resonators	Yi-Hao Chen, Che-Chin Chen*, Atsushi Ishikawa, Ming-Hua Shiao, Yu-Shin Lin, Chien-Nan Hsiao, Hai-Pang Chiang AND Takuo Tanaka*	Optics Express
2017-01	期刊論文	Design of crossing metallic metasurface arrays based on high sensitivity of gap enhancement and transmittance-shift for plasmonic sensing applications	Yuan-Fong Chou Chau*, Jhih-Yu Syu , Chung-Ting Chou Chao, Hai-Pang Chiang and Chee Ming Lim	Journal of Physics D: Applied Physics
2016-12	期刊論文	Optoelectronic Properties and the Electrical Stability of Ga-Doped ZnO Thin Films Prepared via Radio Frequency Sputtering	Shien-Uang Jen, Hui Sun, Hai-Pang Chiang, Sheng-Chi Chen,* Jian-Yu Chen and Xin Wang	Materials
2016-11	期刊論文	Manipulating near field enhancement and optical spectrum in a pair-array of the cavity resonance based plasmonic nanoantennas	Yuan-Fong Chou Chau*, Jhih-Cyuan Jiang, Chung-Ting Chou Chao, Hai-Pang Chiang and Chee Min Lim	Journal of Physics D: Applied Physics
2016-10	期刊論文	Plasmonic spectrum on 1D and 2D periodic arrays of rod-shape metal nanoparticle pairs with different core patterns for biosensor and solar cell applications	N T R N Kumara, Yuan-Fong Chou Chau*, Jin-Wei Huang, Hung Ji Huang, Chun-Ting Lin and Hai-Pang Chiang	J. Opt.
2016-09	期刊	Corrigendum: Nonlocal optical	Chih-Wei Chen, Tingting	J. Opt.

	論文	effects on the Goos – Hänchen shifts at multilayered hyperbolic metamaterials (2016 J. Opt. 18 025104)	Bian, Hai-Pang Chiang*, and P. T. Leung*	
2016-09	期刊 論文	Tailoring surface plasmon resonance and dipole cavity plasmon modes of scattering cross section spectra on the single solid-gold/gold-shell nanorod	Yuan-Fong Chou Chau*, Chee Ming Lim, Chuanyo Lee, Hung Ji Huang, Chun-Ting Lin, N. T. R. N. Kumara, Voo Nyuk Yoong, and Hai-Pang Chiang	Journal of Applied Physics
2016-09	期刊 論文	Tunable optical performances on a periodic array of plasmonic bowtie nanoantennas with hollow cavities	Yuan-Fong Chou Chau, Chung-Ting Chou Chao, Jhin-Yu Rao, Hai-Pang Chiang*, Chee Ming Lim, Ren Chong Lim, and Nyuk Yoong Voo	Nanoscale Research Letters
2016-07	期刊 論文	Confined migration of induced hot electrons in Ag/graphene/TiO ₂ composite nanorods for plasmonic photocatalytic reaction	Hung Ji Huang, Shi-Yuan Zhen, Ping-Yu Li, Shien-Der Tzeng, and Hai-Pang Chiang*	Optics Express
2016-03	期刊 論文	Nanostructured SERS substrates produced by nanosphere lithography and plastic deformation through direct peel-off on soft matter	Tzyy-Jiann Wang, Kai-Chieh Hsu, Yi-Cheng Liu, Chih-Hsien Lai, and Hai-Pang Chiang*	J. Opt.
2016-01	期刊 論文	Nonlocal optical effects on the Goos-Hanchen shifts at multilayered hyperbolic metamaterials	Chih-Wei Chen, Tingting Bian, Hai-Pang Chiang*, and P. T. Leung*	J. Opt.
2015-12	期刊 論文	Multi-color surface plasmon-enhanced photoluminescence of organic dyes using annealed AgOx thin film	Ming Lun Tseng, Bing-Hann Leu, Ping-Yu Li, Kuang Sheng Chung, and Hai-Pang Chiang*	Plasmonics
2015-06	期刊 論文	Effect of copper content on the electrical stability of nickel oxide	S.C. Chen, T.Y. Kuo, S.U. Jen*, H.P. Chiang, W.Y.	Thin Solid Films

		films	Liu, C.H. Wang	
2015-04	期刊 論文	Monitoring Cluster Ions Derived from Aptamer-Modified Gold Nanofilms under Laser Desorption/Ionization for the Detection of Circulating Tumor Cells	Wei-Jane Chiu, Tsung-Kai Ling, Hai-Pang Chiang, Han-Jia Lin, and Chih-Ching Huang*	ACS Applied Materials & Interfaces
2014-09	期刊 論文	Enhanced sensitivity of surface plasmon resonance phase-interrogation biosensor by using oblique deposited silver nanorods	Hung-Yi Chung, Chih-Chia Chen, Pin Chieh Wu, Ming Lun Tseng, Wen-Chi Lin, Chih-Wei Chen, and Hai-Pang Chiang*	Nanoscale Research Letters
2014-07	期刊 論文	Vertical split-ring resonator based nanoplasmonic sensor	Pin Chieh Wu, Greg Sun, Wei Ting Chen, Kuang-Yu Yang, Yao-Wei Huang, Yi-Hao Chen, Hsiang Lin Huang, Wei-Lun Hsu, Hai Pang Chiang* and Din Ping Tsai*	Applied Physics Letters
2013-10	期刊 論文	Correlation of angular light profiles of light-emitting diodes to spatial spontaneous emissions from photonic crystals	Yu-Feng Yin, Yen-Chen Lin, Yi-Chen Liu, Yi-Chun Shen, Hai-Pang Chiang, and JianJang Huang*	Journal of Applied Physics
2013-10	期刊 論文	Multi-level surface enhanced Raman scattering using AgOx thin film	Ming Lun Tseng, Chia Min Chang, Bo Han Cheng, Pin Chieh Wu, Kuang Sheng Chung, Min-Kai Hsiao, Hsin Wei Huang, Ding-Wei Huang, Hai-Pang Chiang*, Pui Tak Leung, and Din Ping Tsai*	Optics Express
2013-09	期刊 論文	Surface plasmon-enhanced photoluminescence of DCJTb by using silver nanoparticle arrays	Hsiang-Lin Huang, Chen Feng Chou, Shi Hua Shiao, Yi-Cheng Liu, Jian-Jang	Optics Express

			Huang, Shien Uang Jen, and Hai-Pang Chiang*	
2013-07	期刊 論文	High Birefringence of the YVO4 Crystal in the Terahertz Frequency Range	Tsong-Ru Tsai*, Jia-Hao Wang, and Hai-Pang Chiang	Japanese Journal of Applied Physics
2013-01	期刊 論文	Imaging layer number and stacking order through formulating Raman fingerprints obtained from hexagonal single crystals of few layer graphene	Jih-Shang Hwang*, Yu-Hsiang Lin, Jeong-Yuan Hwang, Railing Chang, Surojit Chattopadhyay, Chang-Jiang Chen, Peilin Chen, Hai-Pang Chiang, Tsong-Ru Tsai, Li-Chyong Chen and Kuei-Hsien Chen	Nanotechnology
2012-12	期刊 論文	SERS Study of Histamine by using Silver Film over Nanosphere Structure	Wen-Chi Lin, Tsong-Ru Tsai, Hsiang-Lin Huang, Chyuan Yuan Shiau, and Hai-Pang Chiang*	Plasmonics
2012-10	期刊 論文	Fabrication of plasmonic devices using femtosecond laser-induced forward transfer technique	Ming Lun Tseng, Chia Min Chang, Bo Han Chen, Yao-Wei Huang, Cheng Hung Chu, Kuang Sheng Chung, Yen Ju Liu, Hung Guei Tsai , Nien-Nan Chu, Ding-Wei Huang, Hai-Pang Chiang, and Din Ping Tsai*	Nanotechnology
2012-08	期刊 論文	Sub-wavelength GaN-based membrane high contrast grating reflectors	Tzeng Tsong Wu, Yu Cheng Syu, Shu Hsien Wu, Wei Ting Chen, Tien Chang Lu*, Shing Chung Wang, Hai Pang Chiang, and Din Ping Tsai	Optics Express
2012-06	技術	奈米球微影術製作奈米銀顆粒陣	林文志，江海邦	

	報告	列於表面增強拉曼散射生物感測應用		
2012-04	期刊 論文	Fast Fabrication of a Ag Nanostructure Substrate Using the Femtosecond Laser for Broad-Band and Tunable Plasmonic Enhancement	Ming Lun Tseng, Yao-Wei Huang, Min-Kai Hsiao, Hsin Wei Huang, Hao Ming Chen, Yu Lim Chen, Cheng Hung Chu, Nien-Nan Chu, You Je He, Chia Min Chang, Wei Chih Lin, Ding-Wei Huang, Hai-Pang Chiang, Ru-Shi Liu, Greg Sun and Din Ping Tsai*	ACS Nano
2012-04	期刊 論文	Temperature Dependence of the Surface-Plasmon-induced Goos-Hanchen Shifts	C. W. Chen*, H.-P. Chiang*, D. P. Tsai, and P. T. Leung*	Applied Physics B
2011-09	期刊 論文	Goos-Hanchen shift at an interface of a composite material: effects of particulate clustering	C. W. Chen*, Y. W. Gu, H.-P. Chiang*, E. J. Sanchez ¹ , and P. T. Leung*	Applied Physics B
2011-06	期刊 論文	Fabrication of phase-change Ge ₂ Sb ₂ Te ₅ nano-rings	Cheng Hung Chu, Ming Lun Tseng, Chiun Da Shiue, Shuan Wei Chen, Hai-Pang Chiang, Masud Mansuripur, and Din Ping Tsai*	Optics Express
2011-06	期刊 論文	Size dependence of Nanoparticle-SERS Enhancement from Silver Film over Nanosphere (AgFON) Substrate	Wen-Chi Lin, Lu-Shing Liao, Yi-Hui Chen, Hung-Chun Chang, Din Ping Tsai, and Hai-Pang Chiang*	Plasmonics
2011-05	期刊 論文	Local electrical characterization of laser-recorded phase-change marks on amorphous Ge ₂ Sb ₂ Te ₅ thin films	Chia Min Chang, Cheng Hung Chu, Ming Lun Tseng, Hai-Pang Chiang, Masud Mansuripur, and Din Ping Tsai	Optics Express
2011-03	期刊	Enhanced sensitivity of surface	Tzu-Cheih Peng, Wen-Chi	Plasmonics

	論文	plasmon resonance phase-interrogation biosensor by using silver nanoparticles	Lin, Chih-Wei Chen, Din Ping Tsai and Hai-Pang Chiang*	
2010-10	期刊 論文	Accurate Description of the Optical Response of a Spherical Nanomatryushka in the Long Wavelength Approximation	H. Y. Chung*, G. Y. Guo, H.-P. Chiang, D. P. Tsai, and P. T. Leung*	Phys. Rev. B.
2010-10	期刊 論文	Controlling SERS intensity by tuning the size and height of silver nanoparticle array	Wen-Chi Lin, Shi-Hwa Huang, Chang-Long Chen, Chih-Chia Chen, Din Ping Tsai, and, Hai-Pang Chiang*	Applied Physics A
2010-10	期刊 論文	Nonlocality and particle-clustering effects on the optical response of composite materials with metallic nanoparticles	C. W. Chen, H. Y. Chung, H. -P. Chiang*, J. Y. Lu, R. Chang, D. P. Tsai, and P. T. Leung	Applied Physics A
2010-08	期刊 論文	Laser-induced phase transitions of Ge ₂ Sb ₂ Te ₅ thin films used in optical and electronic data storage and in thermal lithography	Cheng Hung Chu, Chiun Da Shiue, Hsuen Wei Cheng, Ming Lun Tseng, Hai-Pang Chiang, Masud Mansuripur, and Din Ping Tsai*	Optics Express
2010-06	期刊 論文	Structural and optical characterization of single-phase γ -In ₂ Se ₃ films with room-temperature photoluminescence	D. Y. Lyu, T. Y. Lin*, T. W. Chang, S. M. Lan, et. al.	J. Alloy. Compd.
2010-05	期刊 論文	Imaging of Recording Marks and Their Jitters With Different Writing Strategy and Terminal Resistance of Optical Output	Cheng Hung Chu, Bau Jung Wu, Tsung Sheng Kao, Yuan Hsing Fu, Hai-Pang Chiang, and Din Ping Tsai*	IEEE Trans. Magn.
2010-04	期刊 論文	Effects on the polarizability of mesoscopic metallic nanoparticles	C. W. Chen, L. S. Liao, H. -P. Chiang* and P. T. Leung	Applied Physics B
2010-01	期刊	The preparation of silver	Jih-Shang Hwang*,	Nanotechnolog

	論文	nanoparticle decorated silica nanowires on fused quartz as reusable versatile nanostructured surface-enhanced Raman scattering substrates	Kuan-Yu Chen, Shih-Jay Hong, Shih-Wei Chen, Wun-Shing Syu, Chi-Wen Kuo, Wei-Yi Syu, Tai Yuan Lin, Hai-Pang Chia	y
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