

The Chinese University of Hong Kong
Shun Hing Institute of Advanced Engineering
List of Publications Arising from SHIAE Supported Projects
(Batch 2008)

Project code	Publication
BME - 8115019	[1] J. Li, H. Iu, J.T.K. Wan, H.C. Ong, The plasmonic properties of elliptical metallic hole arrays, Applied Physics Letters, American Institute of Physics, 94, 03101 (2009).
	[2] J. Li, H. Iu, D.Y. Lei, J.T.K. Wan, J.B. Xu, H.P. Ho, M.Y. Waye and H.C. Ong, Dependence of surface plasmon lifetimes on the hole size in two-dimensional metallic arrays, Applied Physics Letters, American Institute of Physics, 94, 183112 (2009).
	[3] C.Y. Chan, J. Li, J.B. Xu, and H.C. Ong, The dependence of surface enhanced Raman scattering on the groove size of one-dimensional metallic gratings, Materials Research Society Spring Meeting, San Francisco, April 13-17, 2009 .
	[4] J. Li, H. C. Ong, K. C. Hui, C. Y. Chan, H. P. Ho, M. Y. Waye, J. B. Xu, Investigation of the plasmonic properties of two-dimensional metallic nanostructured arrays, International Conference on Materials for Advanced Technologies, Singapore, June 28-July 3, 2009 .
	[5] K.C. Hui, J.B. Xu, and H.C. Ong, The applications of linewidth anisotropy from two-dimensional hole arrays in surface plasmon resonance sensing, Optics Letters, Optical Society of America, (submitted).
	[6] J. Li, J.B. Xu and H.C. Ong, Rational design of two-dimensional metallic arrays for surface Raman enhanced scattering and surface plasmon resonance sensitivity, Nano Letters, American Chemical Society, (to be submitted).
BME - 8115020	[1] F. C. K. Wong, & W. S-Y. Wang, "Finding early brain signature to contextual influences during sentence comprehension: an ERP study on Chinese reading", submitted to Neuropsychologia (Under review).
	[2] G. Peng, J. W. Minett, & W. S-Y. Wang, "The Influence of Culture on the Liminal Perception of Chinese Characters: An Event-related Potentials Study", submitted to Language and Cognitive Processes (Under review).
	[3] H-Y. Zheng, F. C. K. Wong, & W. S-Y. Wang, "Language influences the perception of lexical tones in different ways under the preattentive and postperceptual stages", submitted to Brain and Language (Under review).
	[4] Wai Ting Siok, Paul Kay, William S.Y. Wang, Alice H.D. Chan, Lin Chen, Kang-Kwong Luke, & Li Hai Tan, "Language regions of brain are operative in color perception", PNAS (online edition, May 2009).
	[5] L. Shuai, "Tone lateralization is affected by both linguistic roles and physical properties", Paper presented at the 8th Göttingen Meeting of the German Neuroscience Society, 2008 .
	[6] H-Y. Zheng, & W. S-Y. Wang, "An ERP study on categorical perception of lexical tones and nonspeech pitches", Proceedings of the 9th Annual Conference of the International Speech Communication Association (Interspeech 2008), Brisbane, Australia, pp.1096-1096, 2008 .
MMT - 8115021	[1] Xiaona Wang and Max Q.-H. Meng, "In situ analysis of capsule endoscopy images," submitted to 2009 IEEE/RSJ International Conference on Intelligent Robots and Systems, February 2009 .
	[2] Xiaona Wang and Max Q.-H. Meng, "An experimental study of resistant properties of the small intestine for active capsule endoscope," conditionally accepted and under revision for publication in Journal of Engineering in Medicine, March 2009 .
	[3] Xiaona Wang and Max Q.-H. Meng, "A magnetic locomotion mechanism for active capsule endoscope," submitted to Journal of Engineering in Medicine, April 2009 .

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Project code		Publication
MMT - 8115022	[1]	C.C.L. Wang, and K. Tang, "Pattern computation for compression garment by a physical/geometric approach," Computer-Aided Design, Elsevier, NL, in press.
<u>Number of publications arising from Batch 2008 projects (on-going)</u>		
In BME Track		<i>12</i>
In MMT Track		<i>4</i>
Total		16
<u>Last Updated: May 2009</u>		