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Inverse Solution of Speech Production Based on Perturbation Theory and Its Applications to Articulatory Speech Synthesis	PhD 1998
Large Vocabulary Continuous Speech Recognition for Cantonese	MPhil 2000
Cantonese Text-to-Speech Synthesis Using Sub-syllable Units	MPhil 2001
Information Fusion for Monolingual and Cross-Language Spoken Document Retrieval	PhD 2002
On the Robustness of Static and Dynamic Spectral Information for Speech Recognition in Noise	PhD 2004
Use of Tone Information in Cantonese LVCSR Based on Generalized Character Posterior Probability Decoding	PhD 2005
Speaker Recognition Using Complementary Information from Vocal Source and Vocal Tract	PhD 2005
Short-time Independent Component Analysis for Blind Separation of Speech Sources	PhD 2007

Model-based Speech Separation and Enhancement with Single- microphone Input	PhD 2008
Exploitation of Effective Temporal Cues for Lexical Tone Recognition of Chinese	PhD 2009
Spoken Language Identification with Prosodic Features	PhD 2010
A Perceptual Study on Linearly Approximated F0 Contours in Cantonese Speech	PhD 2010
Development of a Cantonese-English Code-mixing Speech Recognition System	PhD 2011
Design and Evaluation of Tone-enhanced Strategy for Cochlear Implants in Noisy Environment	MPhil 2011
Speech Periodicity Enhancement Based on Transform-domain Signal Decomposition and Robust Pitch Estimation	PhD 2011
Model-based Single-microphone Speech Separation Using Conditional Random Fields	PhD 2014





































































