

The Chinese University of Hong Kong
Shun Hing Institute of Advanced Engineering
List of Publications Arising from SHIAE Supported Projects
(Batch 2012)

Project code	Publication
BME-p3-12 Prof CHEN Shih-Chi (MAE-CUHK) (8115037)	[1] H. Yao, S.C. Chen, Z. Shen, Y.C. Huang, X. Zhu, X.M. Wang, W. Jiang, Z.F. Wang, X.W. Bian, E.A. Ling, H.F. Kung, and M.C. Lin, "Functional Characterization of a PEI-CyD-FA-coated Adenovirus as Delivery Vector for Gene Therapy," <i>Current Medicinal Chemistry</i> , Vol. 20, No. 20, pp. 2601-08, 2013
MMT-p5-12 Prof TANG Xiaoou (IE-CUHK) (8115038)	[1] Zhifeng Li, Dihong Gong, Xuelong Li, and Dacheng Tao, "Learning Compact Feature Descriptor and Adaptive Matching Framework for Face Recognition," Accepted by IEEE Transactions on Image Processing (TIP), 2015 .
RNE-p1-12 Prof WANG Yu, Michael (MAE-CUHK) (8115039)	[1] Xiaoming Wang and Michael Y. Wang, "Band Gaps in Periodic Flexural Beams With Multi-DOF/Continuum Local Resonators," PHONONICS 2013: 2nd International Conference on Phononic Crystals/Metamaterials, Phonon Transport and Optomechanics, June 2-7 , [2] Michael Y. Wang and Xiaoming Wang, "Wide-Band Low Frequency Gaps in Periodic Flexural Beams With Nonlinear Local Resonators," PHONONICS 2013: 2nd International Conference on Phononic Crystals/Metamaterials, Phonon Transport and Optomechanics, June 2-7 , [3] Michael Y. Wang and Xiaoming Wang, "Broadband Wave Attenuation in Locally Resonant Periodic Flexural Beams With Force-Moment Resonators," 25th Conference on Mechanical Vibration and Noise, ASME IDETC/CIE 2013, August 5-8, 2013 . [4] M. Y. Wang and X. Wang, "Frequency band structure of locally resonant periodic flexural beams suspended with force-moment resonators," Journal of Physics D: Applied Physics , (46)25, 255502, June 2013 . DOI: 10.1088/0022-3727/46/25/255502 [5] M. Y. Wang and H. Lv, Numerical and Experimental Study of Flexural Wave Band Gaps of Periodical LR Beams with Suspended Force-Moment Resonators, Paper IMECE2014-36730, ASME 2014 International Mechanical Engineering Congress and Exposition, November 14-20, 2014 , Montreal, Canada.

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Project code	Publication
RNE-p4-12 Prof XU Dongyan (MAE-CUHK) (8115040)	[1] J. Wu, X. Wang, M. Chen, D. Xu, and J. Yang, "Estimation of Temperature Coefficient of Resistance for Microfabricated Platinum Thermometers in Thermal Conductivity Measurements of One-dimensional Nanostructures," <i>Measurement Science and Technology</i> , 25, 025008, 2014.
RNE-p5-12 Prof ZHAO Ni (EE Dept) (8115041)	[1] F. Wang; H. Yu; H. H. Xu; N. Zhao, "HPbI3: a New Precursor Compound for Highly Efficient Solution-Processed Perovskite Solar Cells", <i>Advanced Functional Materials</i> ; Under revision
	[2] X.J. Wu; H. Yu; L. L. Li; F. Wang; N. Zhao, "Composition-Dependent Electric Dipole Moment in Organometal Halide Perovskites", <i>Journal of Physical Chemistry C</i> ; Under revision
	[3] H.H. Xu; Y.Q. Jiang; J. Li; B.S. Ong; Z.G. Shuai; J.B. Xu; N. Zhao, "Spectroscopic Study of Electron and Hole Polarons in a High-Mobility Donor - Acceptor Conjugated Copolymer", <i>Journal of Physical Chemistry C</i> , 2013, 117, 6835–6841
	[4] H.H. Xu, Y.Q. Jiang, J. Li, B.S. Ong, Z.G. Shuai, J.B. Xu, N. Zhao, "Spectroscopic Study of Electron and Hole Polarons in a High-Mobility Donor - Acceptor Conjugated Copolymer", Journal of Physical Chemistry C , 2013, 117, 6835–6841
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