

# Chi-Hang Lam — Full List of Publications

(Updated July 13, 2018)

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- [1] Si-Cong Zhu, Cho-Tung Yip, Shun-Jin Peng, Kai-Ming Wu, Kai-Lun Yao, Chee-Leung Mak, and Chi-Hang Lam, “Half-metallic and magnetic semiconducting behaviors of metal-doped blue phosphorus nanoribbons from first-principles calculations,” [Physical Chemistry Chemical Physics](#) **20**, 7635–7642 (2018).
- [2] Chi-Hang Lam, “Local random configuration-tree theory for string repetition and facilitated dynamics of glass,” [Journal of Statistical Mechanics: Theory and Experiment](#) **2018**, 023301 (2018).
- [3] Ming Xu, Linfeng Fei, Si-Cong Zhu, Wei Lu, Yanqing Lai, Zhian Zhang, Chi-Hang Lam, and Haitao Huang, “Multifunctional NiTiO<sub>3</sub> nanocoating fabrication based on the dual-Kirkendall effect enabling a stable cathode/electrolyte interface for nickel-rich layered oxides,” [JOURNAL OF MATERIALS CHEMISTRY A](#) **6**, 2643–2652 (2018).
- [4] Jun Jing, Ting Yu, Chi-Hang Lam, J. Q. You, and Lian-Ao Wu, “Control relaxation via dephasing: A quantum-state-diffusion study,” [PHYSICAL REVIEW A](#) **97**, 012104 (2018).
- [5] Jin Liu, Tsz Wing Lo, Jianhui Sun, Cho Tung Yip, Chi Hang Lam, and Dang Yuan Lei, “A comprehensive comparison study on the vibrational and optical properties of CVD-grown and mechanically exfoliated few-layered WS<sub>2</sub>,” [JOURNAL OF MATERIALS CHEMISTRY C](#) **5**, 11239–11245 (2017).
- [6] Zeng-Zhao Li, Chi-Hang Lam, and J. Q. You, “Floquet engineering of long-range p-wave superconductivity: Beyond the high-frequency limit,” [PHYSICAL REVIEW B](#) **96**, 155438 (2017).
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- [9] Hai-Yao Deng, Katsunori Wakabayashi, and Chi-Hang Lam, “Universal self-amplification channel for surface plasma waves,” [PHYSICAL REVIEW B](#) **95**, 045428 (2017).
- [10] Jun Jing, Chi-Hang Lam, and Lian-Ao Wu, “Non-Abelian holonomic transformation in the presence of classical noise,” [PHYSICAL REVIEW A](#) **95**, 012334 (2017).
- [11] Linfeng Fei, Sheung Mei Ng, Wei Lu, Ming Xu, Longlong Shu, Wei-Bing Zhang, Zehui Yong, Tieyu Sun, Chi Hang Lam, Chi Wah Leung, Chee Leung Mak, and Yu Wang, “Atomic-Scale Mechanism on Nucleation and Growth of Mo<sub>2</sub>C Nanoparticles Revealed by in Situ Transmission Electron Microscopy,” [NANO LETTERS](#) **16**, 7875–7881 (2016).
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- [14] Linfeng Fei, Shuijin Lei, Wei-Bing Zhang, Wei Lu, Ziyuan Lin, Chi Hang Lam, Yang Chai, and Yu Wang, “Direct TEM observations of growth mechanisms of two-dimensional MoS<sub>2</sub> flakes,” *Nature Communications* **7**, 12206 (2016).
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