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EDUCATION

Bachelor of Science in School of Physics, Peking University

Bachelor of Economics in Peking University

Sep. 2014- Jun. 2018

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PUBLICATIONS

Fengrui Yao, Can Liu (equally contributed), **Cheng Chen (equally contributed)**, *et al.* Measurement of complex optical susceptibility for individual carbon nanotubes by elliptically polarized light excitation. *Nature Communications* 9, 3387 (2018) doi: 10.1038/s41467-018-05932-9

Fengrui Yao, **Cheng Chen (equally contributed)**, Can Liu, Jin Zhang, Feng Wang, and Kaihui Liu, High-Throughput Optical Imaging and Spectroscopy of One-Dimensional Materials, *Chemistry – A European Journal*, 2017, 23, 9703-9710

Yichen Wu, Ayfer Calis, Yi Luo, **Cheng Chen**, Maxwell Lutton, Yair Rivenson, Xing Lin, Hatice Ceylan Koydemir, Yibo Zhang, Hongda Wang, Zoltán Göröcs, and Aydogan Ozcan. Label-free bioaerosol sensing using mobile microscopy and deep learning. *ACS Photonics* 2018, 5, 11, 4617-4627.

Yichen Wu, Ashutosh Shiledar, Yi Luo, Jeffrey Wong, **Cheng Chen**, Bijie Bai, Yibo Zhang, Miu Tamamitsu, and Aydogan Ozcan. Spatial mapping and analysis of aerosols during a forest fire using computational mobile microscopy. *Conference: Optics and Biophotonics in Low-Resource Settings IV*, San Francisco, California, United States, 27 January - 1 February 2018.