

# Stanford

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## Yue Ma

Postdoctoral Scholar, Photon Science, SLAC

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Peking University , Physics (2010)
- Doctor of Philosophy, Stanford University , APLPH-PHD (2016)

#### STANFORD ADVISORS

- Tony Heinz, Postdoctoral Faculty Sponsor
- Jelena Vuckovic, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **Ultrafast dynamics in van der Waals heterostructures.** *Nature nanotechnology*  
Jin, C., Ma, E. Y., Karni, O., Regan, E. C., Wang, F., Heinz, T. F.  
2018; 13 (11): 994–1003
- **Efficient generation of neutral and charged biexcitons in encapsulated WSe<sub>2</sub> monolayers.** *Nature communications*  
Ye, Z., Waldecker, L., Ma, E. Y., Rhodes, D., Antony, A., Kim, B., Zhang, X., Deng, M., Jiang, Y., Lu, Z., Smirnov, D., Watanabe, K., Taniguchi, et al  
2018; 9 (1): 3718
- **Optically coupled methods for microwave impedance microscopy** *REVIEW OF SCIENTIFIC INSTRUMENTS*  
Johnston, S. R., Ma, E., Shen, Z.  
2018; 89 (4): 043703