

Stanford

Qitong Li

Postdoctoral Scholar, Applied Physics

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , MATSC-PHD (2022)
- Bachelor of Science, Peking University , Physics (2016)

STANFORD ADVISORS

- Tony Heinz, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Determining hot-carrier transport dynamics from terahertz emission.** *Science (New York, N.Y.)*
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- **Controlling Valley-Specific Light Emission from Monolayer MoS₂ with Achiral Dielectric Metasurfaces.** *Nano letters*
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- **Metasurface optofluidics for dynamic control of light fields.** *Nature nanotechnology*
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- **Fundamental Limitations of Huygens' Metasurfaces for Optical Beam Shaping** *LASER & PHOTONICS REVIEWS*
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- **Structural color from a coupled nanowire pair beyond the bonding and antibonding model** *OPTICA*
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- **Nanoelectromechanical modulation of a strongly-coupled plasmonic dimer.** *Nature communications*
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- **Quantitative Phase Contrast Imaging using Guided-mode Resonator Devices**
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IEEE.2021
- **Exciton Resonance Tuning in Atomically-Thin Optical Elements**
van de Groep, J., Song, J., Li, Q., Celano, U., Kik, P. G., Brongersma, M. L., IEEE
IEEE.2021
- **Exciton resonance tuning of an atomically thin lens** *NATURE PHOTONICS*
van de Groep, J., Song, J., Celano, U., Li, Q., Kik, P. G., Brongersma, M. L.
2020
- **Transparent multispectral photodetectors mimicking the human visual system.** *Nature communications*
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- **Spin-Switched Three-Dimensional Full-Color Scenes Based on a Dielectric Meta-hologram** *ACS PHOTONICS*
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- **Reversible and selective ion intercalation through the top surface of few-layer MoS₂.** *Nature communications*
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- **Order and Disorder Embedded in a Spectrally Interleaved Metasurface** *ACS PHOTONICS*
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