



Michael Stephen Chen

Ph.D. Student in Chemistry, admitted Summer 2017

Publications

PUBLICATIONS

- **Optically Induced Anisotropy in Time-Resolved Scattering: Imaging Molecular-Scale Structure and Dynamics in Disordered Media with Experiment and Theory.** *Physical review letters*
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- **A framework for automated structure elucidation from routine NMR spectra.** *Chemical science*
Huang, Z., Chen, M. S., Woroch, C. P., Markland, T. E., Kanan, M. W.
2021; 12 (46): 15329-15338
- **AENET-LAMMPS and AENET-TINKER: Interfaces for accurate and efficient molecular dynamics simulations with machine learning potentials** *JOURNAL OF CHEMICAL PHYSICS*
Chen, M. S., Morawietz, T., Mori, H., Markland, T. E., Artrith, N.
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- **Exploiting Machine Learning to Efficiently Predict Multidimensional Optical Spectra in Complex Environments.** *The journal of physical chemistry letters*
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2020: 7559-68
- **Molecular identification of polymers and anthropogenic particles extracted from oceanic water and fish stomach - A Raman micro-spectroscopy study** *ENVIRONMENTAL POLLUTION*
Ghosal, S., Chen, M., Wagner, J., Wang, Z., Wall, S.
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