

# Haoyu Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7733640/publications.pdf>

Version: 2024-02-01

12  
papers

710  
citations

840776

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h-index

1199594

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all docs

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docs citations

13  
times ranked

639  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Superballistic flow of viscous electron fluid through graphene constrictions. Nature Physics, 2017, 13, 1182-1185.   | 16.7 | 288       |
| 2  | Higher-than-ballistic conduction of viscous electron flows. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3068-3073. | 7.1  | 165       |
| 3  | Large- $\kappa$ theory of critical Fermi surfaces. Physical Review B, 2021, 103, .   | 3.2  | 48        |
| 4  | Transport and chaos in lattice Sachdev-Ye-Kitaev models. Physical Review B, 2019, 100, .   | 3.2  | 36        |
| 5  | Enhanced thermal Hall effect in the square-lattice $\nu=1$ state. Nature Physics, 2019, 15, 1290-1294.   | 16.7 | 32        |
| 6  | The hierarchy of excitation lifetimes in two-dimensional Fermi gases. Annals of Physics, 2019, 411, 167913.  | 2.8  | 30        |
| 7  | Tomographic Dynamics and Scale-Dependent Viscosity in 2D Electron Systems. Physical Review Letters, 2019, 123, 116601.   | 7.8  | 27        |
| 8  | Linear in temperature resistivity in the limit of zero temperature from the time reparameterization soft mode. Annals of Physics, 2020, 418, 168202.               | 2.8  | 24        |
| 9  | Excitation spectra of quantum matter without quasiparticles. I. Sachdev-Ye-Kitaev models. Physical Review B, 2021, 103, .  | 3.2  | 18        |
| 10 | Extrinsic phonon thermal Hall transport from Hall viscosity. Physical Review B, 2021, 103, .   | 3.2  | 18        |
| 11 | Excitation spectra of quantum matter without quasiparticles. II. Random $t$ - $\hat{a}$ - $J$ models. Physical Review B, 2021, 103, .                              | 3.2  | 14        |
| 12 | Gauge theories for the thermal Hall effect. Physical Review B, 2020, 101, .  | 3.2  | 10        |