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## Publications

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**Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGO–Virgo’s Third Observing Run**

Dec 2021

Abbott et. al,

[The Astrophysical Journal](#) 🔗

**Detectability of microlensed gravitational waves**

Sept 2023

*Simon M.C. Yeung*, Mark H.Y. Cheung, Eungwang Seo, Joseph AJ Gais, Otto A. Hannuksela, Tjonnie G.F. Li

[Monthly Notices of the Royal Astronomical Society](#) 🔗

**wolensing: A Python package for computing the amplification factor for gravitational waves with wave-optics effects**

Oct 2024

[github/wolensing](#) 🔗

*Simon M.C. Yeung*, Mark H.Y. Cheung, Miguel Zumalacarregui, Otto A. Hannuksela

[arXiv.2410.19804](#) 🔗