

# Publication List

Lorenz Zwick

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Total citations: 76

H-index: 5

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## First Author Publications

**Improved Gravitational Radiation Timescales: significance for LISA and LIGO-Virgo sources;**

*Published in MNRAS: 2020MNRAS.495.2321Z; 06/2020*

**Improved Gravitational Radiation Timescales II: Spin-orbit contributions and environmental perturbations;**

*Published in MNRAS: 2021MNRAS.506.1007Z; 09/2021*

**Dirty Waveforms: multiband harmonic content of gas-embedded gravitational wave sources;**

*Published in MNRAS: 2022MNRAS.511.6143Z; 04/2022*

**Prospects for a Local Detection of Dark Matter With Future Missions to Uranus and Neptune;**

*Accepted for publication in A&A: 2022LPICo2686.4007Z; 07/2022*

**Catastrophic collapse;**

*Submitted to:*

**Waveforms;**

*submitted to*

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## Other Publications

**Towards a polarization prediction for LISA via intensity interferometry;**

*Published in MNRAS: 2020MNRAS.498.4577B; 11/2020*

**Searching for gravitational waves via Doppler tracking by future missions to Uranus and Neptune;**

*Published in MNRAS: 2021MNRAS.506.1007Z; 05/2021*

**Maximum accretion rate of supermassive stars;**

*Published in A&A: 2021A&A...652L...7H; 08/21*

**Revised event rates for extreme and extremely large mass-ratio inspirals;**

*Published in MNRAS: 2022MNRAS.510.2379V; 02/2022*

**Astrophysics with the Laser Interferometer Space Antenna;**

*Submitted to LRR: 2022arXiv220306016A; 03/2022*

**The imprint of gas on gravitational waves from LISA intermediate-mass black hole binaries;**

*Submitted to MNRAS: 2022arXiv220605292G; 06/2022*