

Qinan Wang

Github: <https://github.com/QNWang93>

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EDUCATION

- **Johns Hopkins University** Baltimore, MD
PhD in Physics and Astronomy Sep 2017 - Aug 2023
- **University of Hong Kong** HKSAR, China
BSc in Mathematics/Physics (First Honor) Sep 2012 - June 2016

SKILLS SUMMARY

- **Pramgram Languages:** Python, SQL
- **data reduction:** HST STIS/COS, APO 3.5m DIS/KOSMOS/ARCTIC, ATLAS

EXPERIENCE

- **University of Hong Kong** HKSAR, China
Research Assistant - Dr. Meng Su Aug 2016 - June 2017
 - Influence of instrumental contamination in CMB lensing reconstruction.
- **University of California, Berkeley** Berkeley, CA
Research Assistant - Dr John Tomsick June 2015 - Aug 2015
 - Identification of X-ray counterparts of *INTEGRAL* sources in *Chandra*

HONORS AND AWARDS

- Rosita King Ho Sholarships, 2015
- Li Po Kwai Scholarships, 2014
- Alan John Ellis Prizes in Mathematics, 2013

TELESCOPE TIME AND OBSERVATION EXPERIENCE

- >20 half-nights with the 3.5m ARC telescope at Apache Point Observatory, including 11 triggerred ToO Jan 2019 - Now
- 4 half-nights with DECam through DECAT collaborations Apr 2022 - Now

MENTORING AND TEACHING EXPERIENCE

- Co-supervise summer research students Sofia Rest and Sophie von Coelln, 2023
- Co-supervise summer research students Sofia Rest, Sophie von Coelln and Kyle Dalrymple, 2022

CONTRIBUTED TALKS AND PRESENTATIONS

- SuperNova EXplosions (SNEX) Conference, Technion Aug 2023
- Talk at POISE meeting, STScI Aug 2023
- HotSci Talk series, STScI Aug 2023
- The Transient and Variable Universe, UIUC June 2023
- Contributed remote talk, Tsinghua University May 2023
- Invited TESS Science Talk, MIT Feb 2023
- Poster presentation at AAS 241th, Seattle Jan 2023
- Boom! A Workshop on Explosive Transients with LSST, UIUC July 2022
- Contributed seminar, UMelbourne June 2022
- Poster presentation at SuperVirtual Nov 2021
- Astrocoffee, JHU Oct 2021

SELECTED PUBLICATIONS

Total numbers of publications: 26; **h-index:** 10

For full list please see this link.

First-author publications:

Qinan Wang, Anika Goel, Luc Dessart et al., submitted to MNRAS, [arXiv:2305.05015]:

A Low-Mass Helium Star Progenitor Model for the Type Ibn SN 2020nxt

Qinan Wang, Armin Rest, Georgios Dimitriadis et al., submitted to ApJ, [arXiv:2305.03779]:

Flight of the Bumblebee: the Early Excess Flux of Type Ia Supernova 2023bee revealed by *TESS*, *Swift* and Young Supernova Experiment Observations

Qinan Wang, Patrick Armstrong, Yossef Zenati et al., ApJL 943.2 (2023): L15 [arXiv:2211.03811]:

Revealing the Progenitor of SN 2021zby through Analysis of the *TESS* Shock-cooling Light Curve

Qinan Wang, Armin Rest, Yossef Zenati et al., ApJ 923(2), 167 (2021) [arXiv:2108.13607]:

SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2)

Selected co-author publications:

Yossef Zenati, **Qinan Wang**, Alexey Bobrick et al. Submitted to ApJ [arXiv:2207.07146]:

Evidence for Extended Hydrogen-Poor CSM in the Three-Peaked Light Curve of Stripped Envelope Ib Supernova

Ryan Ridden-Harper, Armin Rest, Rebekah Hounsell, Tomás E Müller-Bravo, **Qinan Wang**, Villar, V. A.. arXiv preprint [arXiv:2111.15006]:

TESSreduce: transient focused TESS data reduction pipeline

John A. Tomsick, Roman Krivonos, **Qinan Wang** et al., ApJ 816, no. 1 (2015): 38 [arXiv:1512.00044]:

Chandra observations of eight sources discovered by *INTEGRAL*