

# Neelay Fruitwala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9048390/publications.pdf>

Version: 2024-02-01

7  
papers

172  
citations

1477746

6  
h-index

1719596

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	DARKNESS: A Microwave Kinetic Inductance Detector Integral Field Spectrograph for High-contrast Astronomy. Publications of the Astronomical Society of the Pacific, 2018, 130, 065001.	1.0	49
2	Wide-band parametric amplifier readout and resolution of optical microwave kinetic inductance detectors. Applied Physics Letters, 2019, 115, .	1.5	39
3	The MKID Exoplanet Camera for Subaru SExAO. Publications of the Astronomical Society of the Pacific, 2020, 132, 125005.	1.0	32
4	Design and performance of hafnium optical and near-IR kinetic inductance detectors. Applied Physics Letters, 2019, 115, .	1.5	19
5	SExAO/MEC and CHARIS Discovery of a Low-mass, 6 au Separation Companion to HIP 109427 Using Stochastic Speckle Discrimination and High-contrast Spectroscopy*. Astronomical Journal, 2021, 162, 44.	1.9	17
6	Second generation readout for large format photon counting microwave kinetic inductance detectors. Review of Scientific Instruments, 2020, 91, 124705.	0.6	15
7	End-to-end deep learning pipeline for microwave kinetic inductance detector resonator identification and tuning. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.0	1