

# Thomas Killestein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2605529/publications.pdf>

Version: 2024-02-01

10  
papers

149  
citations

1478505

6  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

416  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Gravitational-wave Optical Transient Observer (GOTO): prototype performance and prospects for transient science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2405-2422.	4.4	18
2	Processing GOTO survey data with the Rubin Observatory LSST Science Pipelines II: Forced Photometry and lightcurves. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	1
3	Transient-optimized real-bogus classification with Bayesian convolutional neural networks – sifting the GOTO candidate stream. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4838-4854.	4.4	19
4	Light-curve classification with recurrent neural networks for GOTO: dealing with imbalanced data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4345-4361.	4.4	17
5	A survey for variable young stars with small telescopes – IV. Rotation periods of YSOs in ICâ€‰5070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5989-6000.	4.4	4
6	Searching for <i>Fermi</i> GRB optical counterparts with the prototype Gravitational-wave Optical Transient Observer (GOTO). <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5463-5476.	4.4	3
7	Processing GOTO data with the Rubin Observatory LSST Science Pipelines I: Production of coadded frames. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	1
8	Searching for electromagnetic counterparts to gravitational-wave merger events with the prototype Gravitational-Wave Optical Transient Observer (GOTO-4). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 726-738.	4.4	68
9	Machine learning for transient recognition in difference imaging with minimum sampling effort. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 6009-6017.	4.4	9
10	A survey for variable young stars with small telescopes: II – mapping a protoplanetary disc with stable structures at 0.15â€‰au. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 184-198.	4.4	9