

Thomas Killestein

List of Publications by Year in descending order

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

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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	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
2	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
3	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
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	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
6	A survey for variable young stars with small telescopes: II – mapping a protoplanetary disc with stable structures at 0.15 au. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 184-198.	4.4	9
7	A survey for variable young stars with small telescopes – IV. Rotation periods of YSOs in IC 5070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5989-6000.	4.4	4
8	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
9	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
10	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