

# Teppo Heikkilä

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6150112/publications.pdf>

Version: 2024-02-01

14  
papers

408  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1013  
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	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	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
4	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
5	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
6	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
7	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
8	AT2017gbl: a dust obscured TDE candidate in a luminous infrared galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2167-2195.	4.4	29
9	Observational constraints on the optical and near-infrared emission from the neutron star–black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , 2020, 643, A113.	5.1	70
10	The transitional gap transient AT 2018hso: new insights into the luminous red nova phenomenon. <i>Astronomy and Astrophysics</i> , 2019, 632, L6.	5.1	28
11	A dust-enshrouded tidal disruption event with a resolved radio jet in a galaxy merger. <i>Science</i> , 2018, 361, 482-485.	12.6	113
12	Progenitor constraints for core-collapse supernovae from <i>Chandra</i> X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1107-1123.	4.4	3
13	Formation of Furfural in Catalytic Transformation of Levoglucosan over Mesoporous Materials. <i>ChemCatChem</i> , 2010, 2, 539-546.	3.7	30
14	Formation of Furfural in Catalytic Transformation of Levoglucosan over Mesoporous Materials. <i>ChemCatChem</i> , 2010, 2, 717-717.	3.7	0