

# Aaron Tohuvavohu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3741437/publications.pdf>

Version: 2024-02-01

22  
papers

1,768  
citations

567281

15  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
2	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
3	A Multimessenger Picture of the Flaring Blazar TXS 0506+056: Implications for High-energy Neutrino Emission and Cosmic-Ray Acceleration. <i>Astrophysical Journal</i> , 2018, 864, 84.	4.5	184
4	Observation of inverse Compton emission from a long $\hat{\nu}^3$ -ray burst. <i>Nature</i> , 2019, 575, 459-463.	27.8	146
5	Swift spectra of AT2018cow: a white dwarf tidal disruption event?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2505-2521.	4.4	63
6	Multi-epoch Modeling of TXS 0506+056 and Implications for Long-term High-energy Neutrino Emission. <i>Astrophysical Journal</i> , 2020, 891, 115.	4.5	53
7	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020, 890, 9.	4.5	48
8	Rapid spectral variability of a giant flare from a magnetar in NGCÂ253. <i>Nature</i> , 2021, 589, 207-210.	27.8	36
9	Identification of a Local Sample of Gamma-Ray Bursts Consistent with a Magnetar Giant Flare Origin. <i>Astrophysical Journal Letters</i> , 2021, 907, L28.	8.3	33
10	<i>Swift</i> -XRT follow-up of gravitational wave triggers during the third aLIGO/Virgo observing run. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3459-3480.	4.4	31
11	Gamma-Ray Urgent Archiver for Novel Opportunities (GUANO): Swift/BAT Event Data Dumps on Demand to Enable Sensitive Subthreshold GRB Searches. <i>Astrophysical Journal</i> , 2020, 900, 35.	4.5	30
12	The Gravitational Wave Treasure Map: A Tool to Coordinate, Visualize, and Assess the Electromagnetic Follow-up of Gravitational-wave Events. <i>Astrophysical Journal</i> , 2020, 894, 127.	4.5	26
13	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 15.	7.7	16
14	Multi-messenger emission from the parsec-scale jet of the flat-spectrum radio quasar PKS 1502+106 coincident with high-energy neutrino IceCube-190730A. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 082.	5.4	16
15	<i>Swift</i> /UVOT follow-up of gravitational wave alerts in the O3 era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1296-1317.	4.4	15
16	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. <i>Astrophysical Journal</i> , 2021, 907, 97.	4.5	7
17	Swift Follow-up Observations of Gravitational-wave and High-energy Neutrino Coincident Signals. <i>Astrophysical Journal</i> , 2021, 909, 126.	4.5	5
18	Multimessenger observations of counterparts to IceCube-190331A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2553-2561.	4.4	2

#	ARTICLE	IF	CITATIONS
19	The Second Catalog of Interplanetary Network Localizations of Konus Short-duration Gamma-Ray Bursts. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 34.	7.7	2
20	GW170817: <i>Swift</i> UV detection of a blue kilonova, and improving the search in O3. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 53-60.	0.0	1
21	Improving science yield for NASA <i>Swift</i> with automated planning technologies. <i>Journal of Physics: Conference Series</i> , 2018, 1085, 032010.	0.4	1
22	Rotation Optimized Filter for Longevity (ROFL): Increasing the Lifetime of Swift/UVOT Simply. <i>Research Notes of the AAS</i> , 2020, 4, 149.	0.7	0