

# Elias Aydi

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

361  
citations

840776

11  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

565  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct evidence for shock-powered optical emission in a nova. <i>Nature Astronomy</i> , 2020, 4, 776-780.	10.1	58
2	Early Spectral Evolution of Classical Novae: Consistent Evidence for Multiple Distinct Outflows. <i>Astrophysical Journal</i> , 2020, 905, 62.	4.5	43
3	High-energy Neutrinos and Gamma Rays from Nonrelativistic Shock-powered Transients. <i>Astrophysical Journal</i> , 2020, 904, 4.	4.5	29
4	Multiwavelength observations of V407 Lupi (ASASSN-16kt) – a very fast nova erupting in an intermediate polar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 572-609.	4.4	26
5	Surveying the X-Ray Behavior of Novae as They Emit $\hat{I}^3$ -Rays. <i>Astrophysical Journal</i> , 2021, 910, 134.	4.5	25
6	Multiwavelength observations of nova SMCN 2016-10a – one of the brightest novae ever observed. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2679-2705.	4.4	19
7	A New Likely Redback Millisecond Pulsar Binary with a Massive Neutron Star: 4FGL J2333.1 – 5527. <i>Astrophysical Journal</i> , 2020, 892, 21.	4.5	18
8	A New Candidate Transitional Millisecond Pulsar in the Subluminous Disk State: 4FGL J0407.7 – 5702. <i>Astrophysical Journal</i> , 2020, 904, 49.	4.5	17
9	The Most Rapidly Declining Type I Supernova 2019bkc/ATLAS19dqr. <i>Astrophysical Journal Letters</i> , 2020, 889, L6.	8.3	16
10	X-ray spectroscopy of the $\hat{I}^3$ -ray brightest nova V906 – Car (ASASSN-18fv). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2569-2585.	4.4	15
11	Discovery of a New Redback Millisecond Pulsar Candidate: 4FGL J0940.3 – 7610. <i>Astrophysical Journal</i> , 2021, 909, 185.	4.5	15
12	Classical Novae Masquerading as Dwarf Novae? Outburst Properties of Cataclysmic Variables with ASAS-SN. <i>Astrophysical Journal</i> , 2021, 910, 120.	4.5	12
13	Classical Novae at Radio Wavelengths. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 49.	7.7	12
14	Multiwavelength Evidence for a New Flare-mode Transitional Millisecond Pulsar. <i>Astrophysical Journal</i> , 2021, 917, 69.	4.5	9
15	Galactic Extinction: How Many Novae Does It Hide and How Does It Affect the Galactic Nova Rate?. <i>Astrophysical Journal</i> , 2021, 922, 25.	4.5	9
16	The first nova eruption in a novalike variable: YZ – Ret as seen in X-rays and $\hat{I}^3$ -rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2239-2258.	4.4	9
17	$^7\text{Be}$ in the outburst of the ONe nova V6595 Sgr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3258-3267.	4.4	7
18	3D models of the circumstellar environments of evolved stars: Formation of multiple spiral structures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4405-4430.	4.4	7

#	ARTICLE	IF	CITATIONS
19	Detection of ${}^7\text{Be}$ in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5302-5314.	4.4	5
20	4FGL J1120.0-2204: A Unique Gamma-Ray-bright Neutron Star Binary with an Extremely Low-mass Proto-white Dwarf. Astrophysical Journal, 2022, 926, 201.	4.5	4
21	Shocks and dust formation in Nova V809 Cep. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	4
22	Infrared Spectroscopy of the Recent Outburst in V1047 Cen (Nova Centauri 2005). Astrophysical Journal Letters, 2019, 886, L14.	8.3	2