

# Nihan Pol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6619003/publications.pdf>

Version: 2024-02-01

19  
papers

1,445  
citations

567281

15  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , 2021, 915, L12.	8.3	416
2	The NANOGrav 11 Year Data Set: Pulsar-timing Constraints on the Stochastic Gravitational-wave Background. <i>Astrophysical Journal</i> , 2018, 859, 47.	4.5	331
3	PALFA Discovery of a Highly Relativistic Double Neutron Star Binary. <i>Astrophysical Journal Letters</i> , 2018, 854, L22.	8.3	119
4	The NANOGrav 11 yr Data Set: Limits on Gravitational Waves from Individual Supermassive Black Hole Binaries. <i>Astrophysical Journal</i> , 2019, 880, 116.	4.5	102
5	Strong-Field Gravity Tests with the Double Pulsar. <i>Physical Review X</i> , 2021, 11, .	8.9	97
6	Astrophysics Milestones for Pulsar Timing Array Gravitational-wave Detection. <i>Astrophysical Journal Letters</i> , 2021, 911, L34.	8.3	66
7	Modeling the Uncertainties of Solar System Ephemerides for Robust Gravitational-wave Searches with Pulsar-timing Arrays. <i>Astrophysical Journal</i> , 2020, 893, 112.	4.5	49
8	Future Prospects for Ground-based Gravitational-wave Detectors: The Galactic Double Neutron Star Merger Rate Revisited. <i>Astrophysical Journal</i> , 2019, 870, 71.	4.5	48
9	Asymmetric mass ratios for bright double neutron-star mergers. <i>Nature</i> , 2020, 583, 211-214.	27.8	38
10	The NANOGrav 11 yr Data Set: Limits on Gravitational Wave Memory. <i>Astrophysical Journal</i> , 2020, 889, 38.	4.5	36
11	Multimessenger Gravitational-wave Searches with Pulsar Timing Arrays: Application to 3C 66B Using the NANOGrav 11-year Data Set. <i>Astrophysical Journal</i> , 2020, 900, 102.	4.5	30
12	The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics. <i>Astrophysical Journal</i> , 2020, 890, 108.	4.5	28
13	Estimates of Fast Radio Burst Dispersion Measures from Cosmological Simulations. <i>Astrophysical Journal</i> , 2019, 886, 135.	4.5	26
14	An Updated Galactic Double Neutron Star Merger Rate Based on Radio Pulsar Populations. <i>Research Notes of the AAS</i> , 2020, 4, 22.	0.7	17
15	Constraints on the H I Mass for NGC 1052-DF2. <i>Astrophysical Journal Letters</i> , 2019, 871, L31.	8.3	16
16	A parallelized Bayesian approach to accelerated gravitational-wave background characterization. <i>Physical Review D</i> , 2022, 105, .	4.7	11
17	A Direct Measurement of Sense of Rotation of PSR J0737â€“3039A. <i>Astrophysical Journal</i> , 2018, 853, 73.	4.5	5
18	Seyfert 1 composite spectrum using SDSS Legacy survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 95-104.	4.4	4

#	ARTICLE	IF	CITATIONS
19	On the Detectability of Ultracompact Binary Pulsar Systems. <i>Astrophysical Journal</i> , 2021, 912, 22.	4.5	4